PROVISION ISR®

Now you can see!

PRODUCT CATALOGUE

About Provison-ISR

Provision–ISR is an Israeli CCTV brand, specializing in reliable, high–quality, competitive–priced CCTV products. Along with a professional after–sales support and a strong marketing team, we are a company who understand the business of CCTV.

A team of experts in both our Israel and China headquarters assures our quality products by component sourcing, overlooking manufacturing, and QC process on the finished products;competitive prices are the result of our own production in China.

Today, Provision–ISR is a fast growing company with official exclusive distributors worldwide, who are working as partners to promote the brand in their regions while developing new designs and technologies with supreme guidelines of high quality and competitive prices.

Quality:
Provision ISR productsare strictly controlled by our Israeli engineers for top–quality components and high standards only.

2 Year warranty:
Low RMA rates allow us to support our clients with long warranty while providing creative solutions on dealing with your RMA services.

One stop shop:
We are a One–Stop–Shop for all your CCTV product needs.
We have managed to create a full rangeof CCTV accessories matching all typesof CCTV installation.
We understand the need for tested andreliable CCTV accessories and set high quality standards to all products.

Technical support:
Our expert Israeli technical support team is prepared to answer all questions, and address technical issues or demands. We also offer how–to–tutorials to support you and your costumers on site.

Marketing assistance:
We offer marketing assistance to help you promote your business with Provision–ISR: International exhibi–tions, marketing materials, staff seminars and more.

Business of CCTV:
We at Provision–ISR understand both the installers and the distributors needs. Our experience enables us to offer creative ways on dealing with any market demand. We are fluent in the language of CCTV and security as we aim to establish a reliable and confident business relationship with you.

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OS, Software AND Applications

Provision-ISR's software and mobile applications are designed with great thought of the user needs while focusingon the ease of use and modern user graphic interface. Each software/App is used with a specific line of products.
All of the applications and additinal software are free to use and does not bear any additinal charges or fees. It is constanly updating and adding new great features to the end users.

Operating System (NVR/DVR OS)

The Ossia is Provision–ISR's latetst recording device's operating system. It is currently used for all of Provision–ISR's recording devices. It is one of the most sophisticated and advanced operating systems available in the CCTV market and keeps improving dramatically through time.

Advanced Analytics (IPC OS)

Provision–ISR's Smart analytics solutions are now available in selected IP Camera modles. This includes: Object Monitoring, Camera Tampering, Line Crossing and Sterile Area. Some cameras support advanced analytics as well.

IP Manager (PC Software)

The IP Manager is used for quickly locating Provision–ISR's DVRs, NVRs and IP Cameras. There are extensive configuration capabilities for static IP cameras. Provision–ISR's PTZ cameras and 3rd party ONVIF cameras can be found as well byt the IP manager but cannot be configured like static IP Cameras.

Professional CMS (PC/Mac Software)

Provision–ISR's CMS (Central Management Software) can be used with all of Provision–ISRs products. It supports our internal communication protocols as well as ONVIF protocol. (using ONVIF offers limited functionality).

Provision Cam2 (Mobile App)

The "Provision Cam2" application is used for Provision–ISR's DVRs, NVRs and static IP Cameras only. It can be used with iOS and Android based mobile phones.

Provision PnV2 (Mobile App)

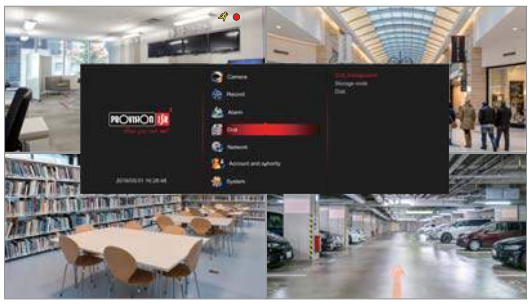
The "Provision PnV2" application is used for Provision–ISR's PnV Cameras only. It can be used with iOS and Android based mobile phones.

ossia

an experience of harmony...

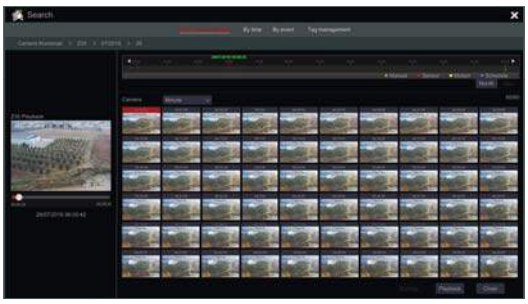
Ossia is the latest OS for Provision–ISR's DVR/NVR systems. It is one of the most inovative operation systems avaiable in the market. It offers full compatibility with all of Provision–ISR IP cameras with full control over all main features. Moreover, it offers the user all required tools for complete utilization of the system while keeping things simple and intuitive.

New Capabilities:



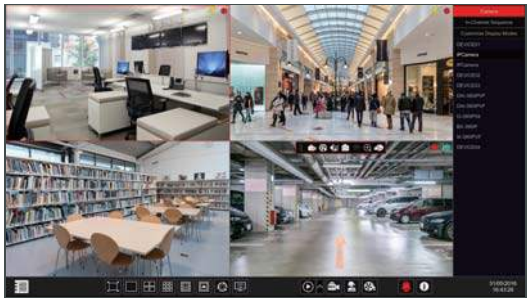
- H.265 Encoding Support*
- Manual Alarm Output
- Up to 8MP Support*
- 4K (Ultra HD) Support*
- Basic Analytics Support
- Enhaneced Security Features
- Advanced Network Protocols (HTTPS, QoS, 801.X, Etc...)
- PoS (Coming Soon)
- Scheduled Push/E-mail Notifications
- CMS Feature*

Search, Playback and Backup:



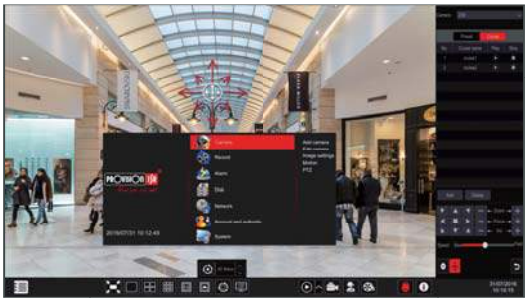
- New and Intuitive “Picture Slice Search”
- Instant “Sub-Stream” Playback
- One Click Backup
- Smart Time-Bar View and Control
- Multiple Backup Tasks
- FTP Backup

In-Channel Operations:



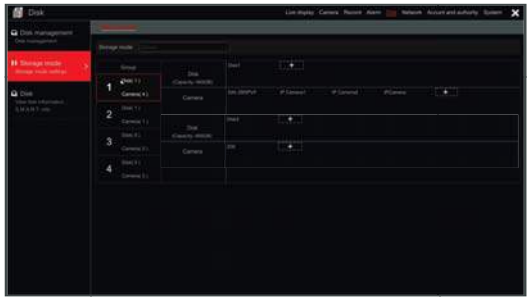
- In-Channel Playback
- In-Channel Sequence*
- In-Channel Digital Zoom
- In-Channel PTZ Operations

Intuitive Operations:



- One-Click Manual Record
- One-Click Alarm/Relay Output
- Camera Layout Presets
- 3D PTZ Operation
- Definable Instant Playback
- Audio Control

Smart Configuration:



- Advanced HDD Management
- Double Stream Recording
- Situation Dependent Recording
- Default Username/Password Configuration
- RTSP Input configuration
- Dynamic Hybrid*

New Web-Client Interface:

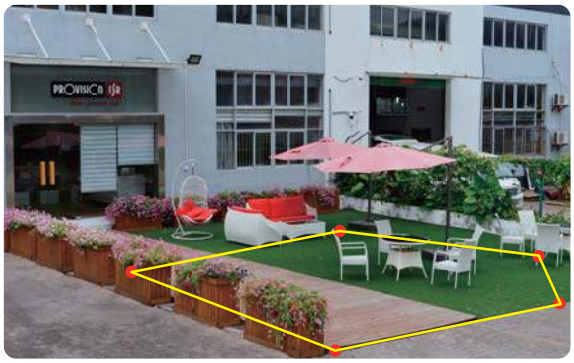
- New and Intuitive Design
- Full Configuration Capabilities
- Remote Playback with Time Bar
- Real-time Sub-stream Configuration
- Multiple Configuration Sessions
- Full PTZ Control
- Two Way Audio

*Supported Devices Only

Video Analytics

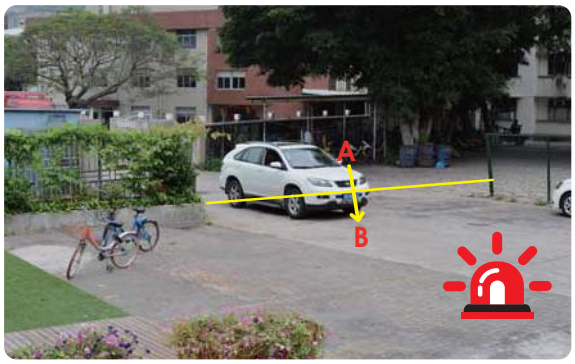
Sterile Area

Detects if any object entered the defined area. This analytics cannot distinguish between a human being and other objects entering the area.
Up to 4 areas can be monitored in at any given time.



Line Crossing

Detects if an object crossed a defined line. The crossing direction can be adjusted from each side of the line or from both sides.
Up to 4 lines can be monitored at any given time.



Camera Tampering:

Designed to detect tampering with the camera. It can detect and alarm 3 situations:
1. Camera shifting: In case the camera was forcibly moved out of place so it wouldn't cover the required area
2. Camera Masking: Detects if the camera was covered or tampered in a way that blocks its view.
3. Lens Tampering: Detects lens tampering causing blurred image.

Camera Masking

Lens Tampering

Camera Shifting

Object Monitoring

Object Monitoring Analytics can work in one of two methods: Missing Item and Left Item.
Missing item will detect if the marked item was moved or taken while left item will detect if an item was left behind in a defined area.
Up to 4 objects or areas can be monitored in at any given time.

Missing Objects

Left Objects

People Counting

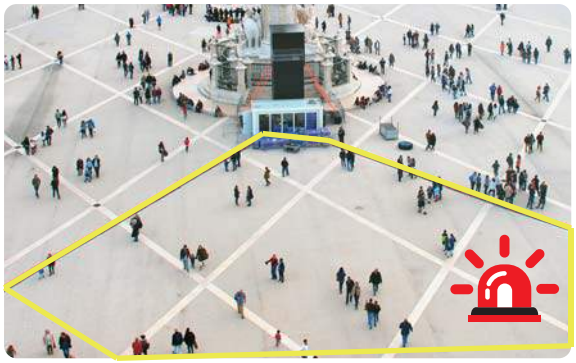
Enables the camera to count how many people has entered and exited a defined passage.

Upon configuration, the user can set the incoming, outgoing and staying thresholds meaning that the camera will generate an alarm once any of these thresholds will be reached.
The counter can be reset on a daily, weekly or monthly basis.

Crowd Gathering

Allows the camera to detect when there is a gathering of people in a defined area. Once the defined area will be filled with people as configured – an analytic alarm will be generated.

The alarm trigger is based on the definitions of area, crowd density (Percentage) and schedule.



People Intrusion

Covers the whole scene (Area cannot be configured) and focus detection on people movement only. All other objects entering to the scene will be disregarded (Vehicles, animals, garbage, Etc.)

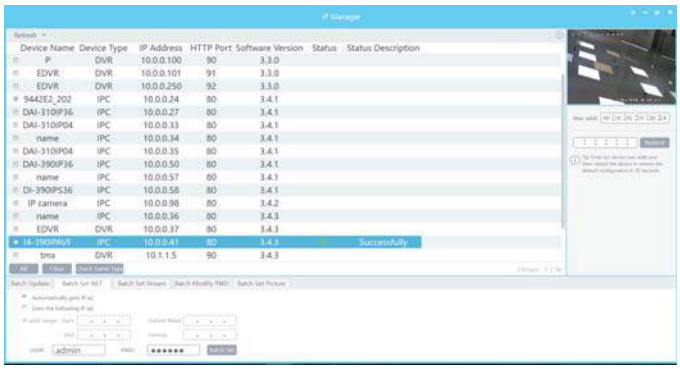
The alarm trigger is based on the definition of schedule only.

IP Manager

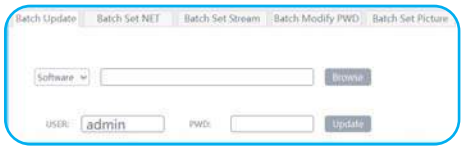
The IP manager is a free PC software used to detect all NVRs, DVRs and IP Cameras in the local network. It is also used for advanced and quick IP camera configuration.

Main Features:

- Detects all Provision-ISR devices in the network
- Detects ONVIF cameras in the network
- Offers live preview of the selected Provision-ISR camera
- Showing all the information needed by the user (Configurable)
- Allows single/batch camera configuration including:
  - Full network parametrs setting
  - Firmware update
  - Password settings
  - Picture settings
  - Stream Settings
- Allows initializing camera reset protocol



Software Update:

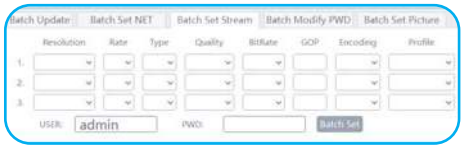


Update IPC software/kernel directly from the tool. It is possible to update several IPC from the same type together.

Network Settings:

Configure network settings for 1 IP camera or more. You can either set fixed IP or DHCP from the tool.

Stream Settings:



Set the video stream of the camera. This should only be used if the camera serves as a standalone. only cameras with v3.4.2.1 and up will support this feature.

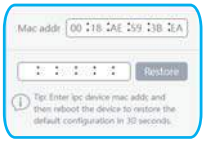
Set Picture:

Quickly set all the pictures parameters (3D-DNR, Mirror, Flip, IR, Etc.) for all the required cameras.

Modify Password:

Securing your site is top priority. This tool will allow you to modify the password of all IPC in a single click.

Camera Reset:



Reset the camera direclty from the tool (Requires additional actions for security reasons).

Professional CMS

Now in 64bit Version

Provision–ISR's CMS is a free PC Software used for all imaging products from Provision–ISR (DVRs, NVRs and IP Cameras). It offers simultaneous live view and playback from multiple devices and full remote configuration for recording devices and cameras. The CMS is a professional software that requires some learning and understanding of the software's method of work, but once understood, it offers great features for complex installations and multi branch complexes.

Main Features:

- Support of up to 1000 devices
- Multi device live view
- Single login for all devices
- Web-client access
- Map Support
- 2 Way Audio Support - listen and talk
- Manual alarm trigger
- Remote Playback
- Local video recording and playback
- Local Snapshot
- Full Device Configuration (remote)
- PTZ Support
- Camera group configuration
- Smart user management
- Multi-Screen Display
- Multi-Language Support
- ONVIF Device Support (Limited)

CMS Live View Capabilities

Test Method	1. The test was done on a dedicated computer. No other softwares are installed or running while the CMS is working. 2. The IPC is monitoring a live scene with constant movement. 3. When the PC CPU usage rises to around 100%, we record the number of live channels. 4. We keep the memory usage (RAM) is under 80% so the OS will have enough resources for operating normally.										
NO.	PC Hardware					Support Channels					
	CPU	Frequency	Memory (RAM)	Display Card	Display Card Memory	CIF	D1	720P (1MP)	960P (1.3MP)	1080P (2MP)	3MP
						25fps/CBR/ 1Mbps	25fps/CBR/ 2Mbps	25fps/CBR/ 6Mbps	25fps/CBR/ 6Mbps	25fps/CBR/8Mbps	25fps/CBR/8Mbps
1	Inter®Core™ i7-4790	3.6GHZ	8.00GB	GeForce GST 450	2724MB	~108	~48	~22	~16	~9	~6
Conclusion	1. As we can see, the support channel number is directely influenced andd limited by PC decode capability.										

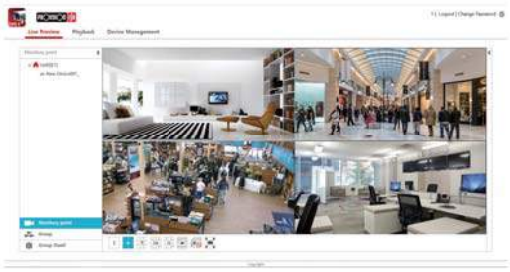
CMS Recording Capabilities

Test Method	1. The test was done on a dedicated computer. No other softwares are installed or running while the CMS is working. 2. IPC simulator provides master stream of 1080P/4Mbps and sub stream of D1/1Mbps. 3. We monitor the system resources (CPU, RAM & Network) and note their status when increasing recording channels. 4. Once one of the resources is reaching 100% usage, or the video stream becomes unsmooth, we write down the number of recorded channles and the resource that was depleted.											
NO.	Hardware							Recording Channels		PC Status	Remark	With Preview	
	CPU	Frequency	Memory	Network	HDD Information			D1	1080P (2MP)				
					Model	RMP	Date Speed	25fps/CBR/ 1Mbps	25fps/CBR/ 4Mbps				
1	Intel®Core™ i7-4790	3.6GHZ	4.00GB	1Gb Ethernet	SeaGate ST500DM002-1BD142	7200/min	600MBps	~800	~200	CPU<20% Memory<50% Network>85%	With recording channels of up to 200/800 and strong PC hardware, the network usage is over 85%. As a result the video stream became a little unsmooth when playback the record files. In this case, the network is the bottle neck.	With 8ch 1080P/25fps/8Mbps live view, CPU usage will be 100%, play record file is not smooth any more.	With 4ch 1080P/25fps/8Mbps live view, CPU usage is around 80%, play record file is smooth.
Conclusion	1. According to network specs, normally Gigabite network card can support no more than 250 channels (4Mbps per channel), under optimnun conditions 2. When recording channels are ~200, i3/i7 CPU PC can handle extra live view as shown in the table above												

Remote Configuration:

The CMS allows full configuration on both local and remote parameters and over all devices connected to it.

Remote Web-Client:



The CMS requires powerful hardware in order to run smoothly. If you need more than 1 CMS workstation - the CMS can be installed on 1 powerful PC that will be connected by less powerful computers over LAN/WAN.

E-Map Support:

You can set your cameras on top of electronic maps and view it in a click of a mouse button. Multiple maps can be added - creating layers and zoomed-in zones.

Local/Remote Playback:

Supporting both remote (saved on device) and local (saved on PC) playback of up to 16 channels (depends on device's technical specs). All events types are supported including analytics.

Alarm Monitoring:

The CMS synchronizes with all the alarm inputs/outputs of the devices connected to it. Therefore it allows easy monitoring over sensors and alarm relays and activating alarm outputs directly from the main screen.

Two Way Audio:

As a monitoring station - the CMS allows you to have two way audio with all supporting devices (Both incoming and outgoing audio)

Multi-Screen Display:

Multi Screen view allows you to utilize your CMS over several PC screens. Using tabs, each screen can display a chosen view individually (For example: Live view, map, settings and Playback). In other situations, the screens can all display live view images at the same time so more channels will be viewed in larger size.

Provision CAM2

Provision Cam2 is a free application for iOS & Android devices. It is compatible with all NVRs, DVRs and static IP Cameras. It offers the users full control over their devices including live view, playback and settings. It is secured against unwanted access, user friendly and intuitive for all users.

Main Features:

- Live View in single or multi-channel display mode (Up to 16 Channels)
- Multi device live view
- Single login for all devices (Up to 100 Devices)
- Gesture password for enhanced security
- 2 Way Audio Support - listen and talk
- Local video recording and playback on your mobile
- Landscape view with full features
- Main/Sub stream view.
- Image snapshot with instant sharing options
- Remote playback with time bar. (Up to 4 channels)
- Remote system configuration
- PTZ control
- Color and camera lens adjustment
- Local startup configuration
- Fish-Eye Camera Support
- Push notification Support

Gesture Password:

The gesture password secures all of your devices under one password. You do not need to log into each device individually.

Live View:

Provision Cam2 allows you to display your cameras in various display modes: single channel or multi channel.

P2P Support:

The App supports P2P cloud connection for easy and hassle free remote connection from anywhere in the world.

App Management:

Through the management console you will add, edit and configure devices as well as mananging saved files and configuring the application.

Picture Sharing:

Your snapshots can now be shared instantly via popular social media applications. It can also be saved locally in your device's media center.

Local Recording and Remote Playback:

Preserve your evidence! while watching the video stream - just click on "REC" button and start recording immediately the selected camera.
You can also remotely playback the recorded information from the device with the help of a new time-bar.

Push Notifications:

Provision Cam2 supports push notifications for both iOS/Android devices. The user can schedule the push notifications and choose which alarms will send push notifications and which alarms will be ignored.

App Help:

The app contains simple guides that will brief the user about all the icons and features of the app.

Landscape Mode:

All interfaces allow landscap mode that utilizes your screen size and allows more information to be shown.

Provision PnV2

Provision PnV2 is a free application used for all IP cameras from PnV series. It offers the easy camera installation for supported models, and full control over the cameras including live view, SD card playback and settings. It is secured against unwanted access, user friendly and intuitive for all users.

Main Features:

- Live View of single or multi camera display mode (Up to 4 cameras)
- Multi device live view
- Single login for all devices
- Camera access from anywhere in the world based on your user name
- Push Notifcation Support
- Gesture password for enhanced security
- 2 Way Audio Support - listen and talk
- Local video recording and playback on your mobile
- Landscape view with full features
- Image snapshot.
- Remote playback (Single channel)
- Camera configuration
- Color adjustment
- PT (Pan/Tilt) gesture control

Live Display and Controls:

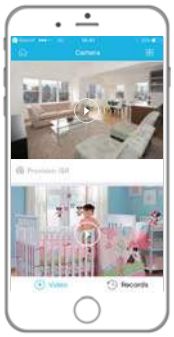
Live display shows you all the information needed to confirm the camera is working well such as connection type and speed.
It also allows you to move your PT camera using fingure gestures and activate all the great extra features of the camera such as:

- Local snapshot/Recording
- Two-way Audio
- Preset set/call
- Vertical/Horizontal Cruise
- Preset Cruise

Remote Configuration:

The PnV2 application allows you to remotely configure your camera. This includes:

- WiFi Settings
- SD Card Recording
- Password settings
- Push notification settings
- Firmware update.



Keeping Your Cameras:

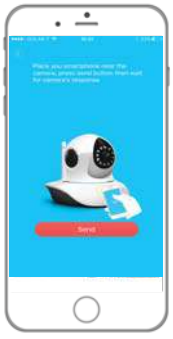
All of your cameras will be available under your user name. When using the application for the first time you will be required to register. The user name you have registered with will be linked to all the cameras you will add to it, so it will be available in any device you will log in with your account.

Application Manager:

The main managing console opens all configuration and setting capabilities of the application. From there you will have all the information you need to maintain your application and devices.

Push Notifications:

The application now allows push notifications for both iOS/Anroid devices. The motion alarm can be scheduled so it would not bother you while you are not interested.



WiFi Installation:

When installing a new PnV camera (compatible cameras only) - you will be able to perform the installation without the need of LAN cable. The installation will be completely wireles (Only power cable is necessary) and the camera will work via WiFi from the first moment without further configuration.

Multi Channel View:

Multi Channel view allows 4 cameras to be viewed simultaneously in lanscape mode.

Landscape View:

Landscape view utilises your mobile phone screen so you will be able to get a larger view of the video stream. Landscape view still allows full control over all of the camera's features and functions.

IP Based Solution Series

Provision–ISR offers a broad IP product range for your needs.

The IP Protocol is the most common for communication between computer networks and the Internet. Therefore, It is ideal for streaming a high–quality video through networking infra–structure. IP surveillance technology offers a high–tech flexible solution without compromising reliability or picture quality.

With Provision–ISR's superior built quality, high picture resolution, advanced features and a wide product range, you will surely find your IP based surveillance system solution.

Provision–ISR's IP products cover all installation types:

1. Residential/SOHO Plug & View IP cameras, requiring no previous installation knowledge.
2. Medium installations: characterized by single NVR with several IP cameras.
3. Enterprise installations: numerous cameras linked by POE switches, NVRs and a professional CMS software.

IP Cameras

Keeping with Provision ISR's high–standard products, our IP cameras provide excellent video and audio compression ability including high quality resolutions from 1MP to 8MP. All our cameras are designed with deepest con–sideration for the installers needs keeping in mind installation ease, analog output for technician monitors, 3–way–axis bracket, ONVIF, POE, DC12 input and more.

IP PTZ Cameras

Our IP PTZ cameras offer HD resolutions (2MP/3MP) in two focal lengths (x20 & x30). All PTZ Cameras in this series offers long IR range, common IP protocols support ONVIF, RTSP, TCP/IP and many installation options.

PnV IP Cameras

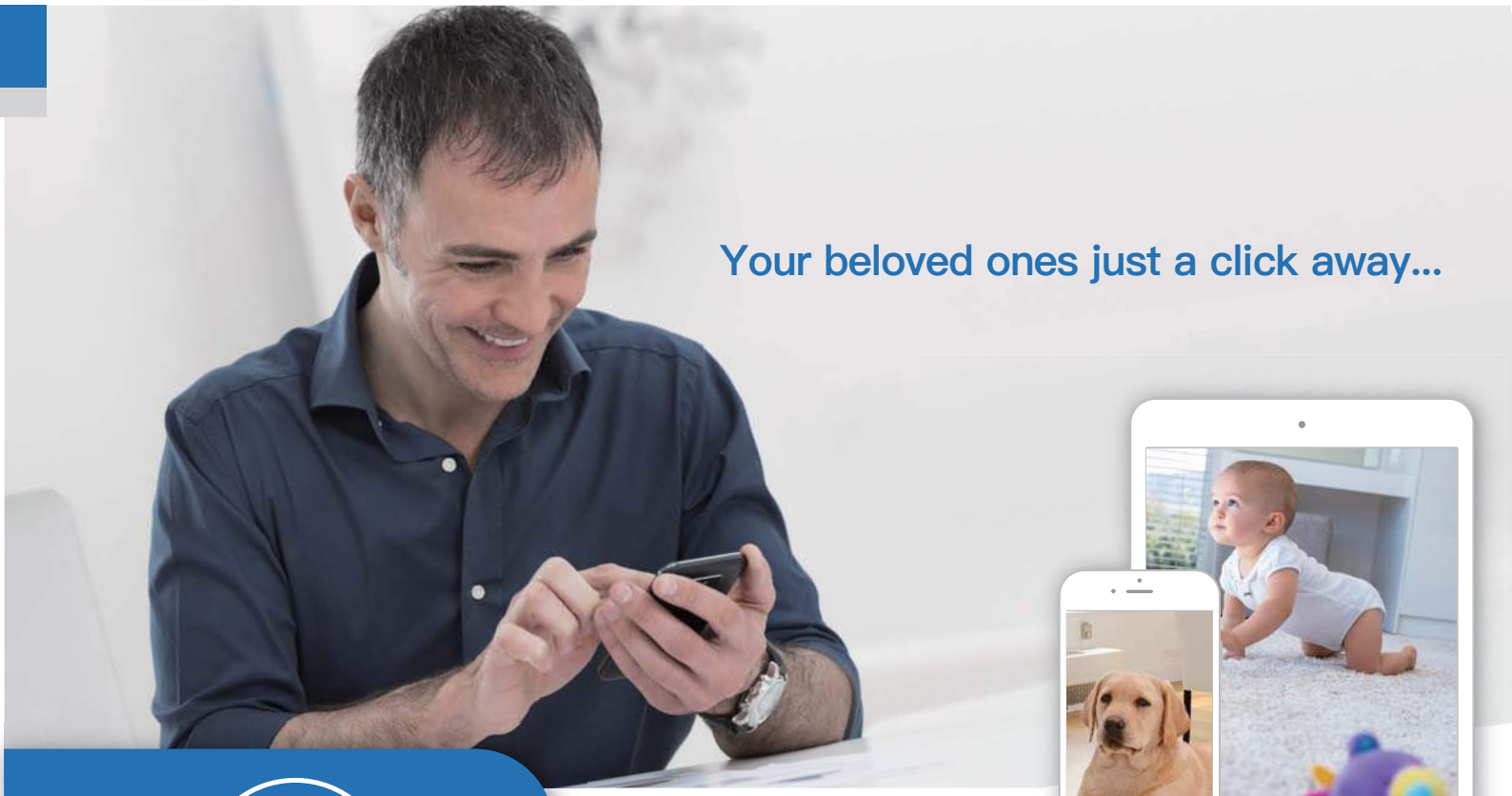
Designed for Small residential/SOHO uses. Featuring local storage; Wi–Fi connectivity and plug & view function. Requiring no previous installation knowledge

NVRs

Provision–ISR's NVR line is designed under the guideline of keeping the DVR familiar interface together with simplifying the new IP NVR platform. Our NVR systems offers two main product lines: Conventional NVRs that recognize and interact with IP cameras via the network and PoE/Plug & Play NVRs that work in a closed system where the IP cameras are con–nected directly to the NVR and configured by it.

PoE Switches and Accessories

PoE switches and installation accessories will make any IP system installation easier and more reliable.



Plug & View

3Step Installation

1 Plug

2 Install App

3 View

IP BASED SOLUTION Series

PAN/TILT IR FIXED LENS CAMERA

PT-838

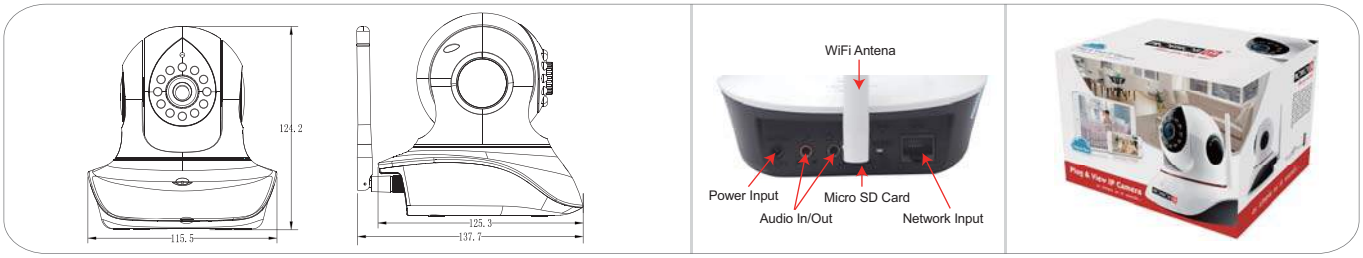
2MP Plug & View

- 2 Mega-Pixel camera
- Day & night vision
- Wide angle- 3.6mm lens
- Advanced H.264 Compression
- 2 Way Audio with Built-in Speaker/Microphone
- Local recording on Micro SD
- Wireless support (802.11b/g/n)
- Motion detection
- iPhone/iPad/Android App
- iOS/Android Mobile App:
- Live view
- Gesture Control
- Remote playback
- Local SnapShot/video recording

Specifications

Camera	Video	Model	PT-838
		Image Sensor	1/3" CMOS Sensor
		Effective Pixels	1920x1080
		Electronic Shutter	1/50s ~ 1/100000s
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	ADPCM
		Communication	Two Way Audio (Built-In Microphone & Speaker)
	Image Enhancement	Image Settings	AWB
			Auto Exposure
			Automatic Gain
			Saturation & Contrast Adjustable
		WDR Range	No
		Noise Reduction	2D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
Compression		Video Compression	H.264
		Resolution	1080P (1920×1080), VGA (640×480), QVGA (320×240)
		Multi-stream	1920x1080 (12/15fps) / 640×480 (12/15fps) / 320x240 (12/15fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
		Image Quality	16 levels under VBR
Pan/Tilt		Pan	335°
		Tilt	120°

Housing	IR Distance	10m (12pcs)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Adjustable (Φ14 mount)
	Water-proof	No
	Bracket	Desk/Ceiling mount
	Dimensions	138L×116W×124H mm
	Weight(gross)	640g
Connectivity	Network	RJ45 + WiFi (802.11 b/g/n)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support TF (128GB Max)
	RS485	No
	Alarm	No
Network	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	No
	Ethernet	100Mbps
	PoE	No
Others	Power Supply	DC5V
	Work Environment	-10°C~50°C, 10%~90% Humidity



PAN/TILT IR FIXED LENS CAMERA

PT-737E

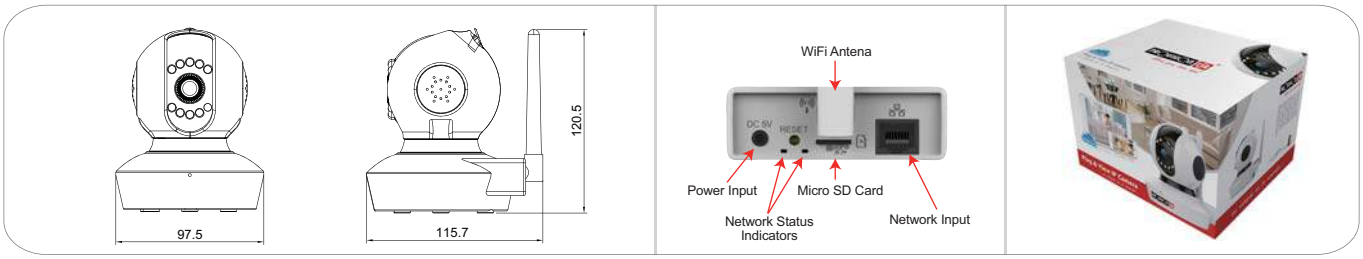
1MP Plug & View

- 1 Mega-Pixel camera
- Day & night vision
- Wide angle- 3.6mm lens
- Advanced H.264 Compression
- 2 Way Audio with Built-in Speaker/Microphone
- Local recording on Micro SD
- Wireless support (802.11b/g/n)
- Motion detection
- iPhone/iPad/Android viewer app
- iOS/Android Mobile App:
- Live view
- Gesture Control
- Remote playback
- Local SnapShot/video recording

Specifications

Camera	Video	Model	PT-737E
		Image Sensor	1/4" CMOS Sensor
		Effective Pixels	1280x720
		Electronic Shutter	1/50s ~ 1/100000s
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	ADPCM
		Communication	Two Way Audio (Built-In Microphone & Speaker)
	Image Enhancement	Image Settings	AWB
			Auto Exposure
			Automatic Gain
			Saturation & Contrast Adjustable
		WDR Range	No
		Noise Reduction	2D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
Compression		Video Compression	H.264
		Resolution	720P (1280×720), VGA (640×480), QVGA (320×240)
		Multi-stream	1280x720 (25/30fps) / 640×480 (25/30fps) / 320x240 (25/30fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
		Image Quality	16 levels under VBR
Pan/Tilt		Pan	280°
		Tilt	80°

Housing	IR Distance	10m (12pcs)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Adjustable (Φ14 mount)
	Water-proof	No
	Bracket	Desk/Ceiling mount
	Dimensions	116L×98W×121H mm
	Weight(gross)	295g
Connectivity	Network	RJ45 + WiFi (802.11 b/g/n)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	Support TF (128GB Max)
	RS485	No
	Alarm	No
Network	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	No
	Ethernet	100Mbps
	PoE	No
Others	Power Supply	DC5V
	Work Environment	-10°C~50°C, 10%~90% Humidity



IR FIXED LENS OUTDOOR CAMERA

WP-818

2MP Plug & View

- 2 Mega-Pixel camera
- Day & night vision
- Wide angle- 3.6mm lens
- Advanced H.264 Compression
- Local recording on Micro SD
- Wireless support (802.11b/g/n)
- Motion detection
- iPhone/iPad/Android viewer app
- Water-Proof
- iOS/Android Mobile App:
- Live view
- Remote playback
- Local Snapshot / Video recording

Specifications

Camera	Video	Model	WP-818
		Image Sensor	1/3" CMOS Sensor
		Effective Pixels	1920x1080
		Electronic Shutter	1/50s ~ 1/100000s
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB
			Auto Exposure
			Automatic Gain
			Saturation & Contrast Adjustable
		WDR Range	No
		Noise Reduction	2D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
Compression		Video Compression	H.264
		Resolution	1080P (1920×1080), VGA (640×480), QVGA (320×240)
		Multi-stream	1920x1080 (12/15fps) / 640×480 (12/15fps) / 320x240 (12/15fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
		Image Quality	16 levels under VBR
Pan/Tilt		Pan	No
		Tilt	No

Housing	IR Distance	15m (2pcs)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Water-proof	Yes
	Bracket	Desk/Wall/Ceiling mount Ball-Joint Bracket
	Dimensions	150L×67W×138H mm (Without Wifi Antenna)
	Weight(gross)	640g
Connectivity	Network	RJ45 + WiFi (802.11 b/g/n)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	Support TF (128GB Max)
	RS485	No
	Alarm	No
Network	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	No
	Ethernet	100Mbps
	PoE	No
Others	Power Supply	DC12V
	Work Environment	-10°C~50°C, 10%~90% Humidity

IR FIXED LENS ROUTER CAMERA

R-838

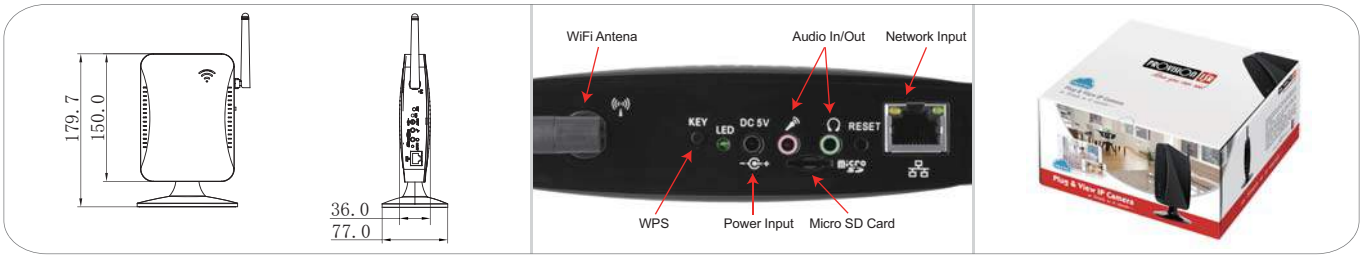
2MP Plug & View

- 2 Mega-Pixel camera
- Day & night vision
- Wide angle- 3.6mm lens
- Advanced H.264 Compression
- 2 Way Audio with Built-in Microphone & Speaker
- Local recording on Micro SD
- Wireless support (802.11b/g/n)
- Motion detection
- iPhone/iPad/Android App
- iOS/Android Mobile App:
- Live view
- Remote playback
- Local SnapShot/video recording

Specifications

Camera	Video	Model	R-838
		Image Sensor	1/3" CMOS Sensor
		Effective Pixels	1920x1080
		Electronic Shutter	1/50s ~ 1/100000s
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	ADPCM
		Communication	Two Way Audio (Built-In Microphone & Speaker)
	Image Enhancement	Image Settings	AWB
			Auto Exposure
			Automatic Gain
			Saturation & Contrast Adjustable
		WDR Range	No
		Noise Reduction	2D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
Compression		Video Compression	H.264
		Resolution	1080P (1920×1080), VGA (640×480), QVGA (320×240)
		Multi-stream	1920x1080 (12/15fps) / 640×480 (12/15fps) / 320x240 (12/15fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
		Image Quality	16 levels under VBR
Pan/Tilt		Pan	No
		Tilt	No

Housing	IR Distance	10m (16pcs)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Water-proof	No
	Bracket	Desk/Wall mount Pan/Tilt
	Dimensions	128L×77W×180H mm
	Weight(gross)	640g
Connectivity	Network	RJ45 + WiFi (802.11 b/g/n)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support TF (128GB Max)
	RS485	No
	Alarm	No
Network	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	Supported (Wi-Fi Protected Setup)
	ONVIF	No
	Ethernet	100Mbps
	PoE	No
Others	Power Supply	DC5V
	Work Environment	-10°C~50°C, 10%~90% Humidity



IP Based Solution Series

IP Cameras

Provision–ISR's IP camera line provides excellent video performance along with elegant, installation–friendly design. All cameras support PoE, ONVIF and 3–way–axis bracket. When connected and configured properly, the IP camera can be accessed independently via CMS/IE client without the need of an NVR. This provides a higher level of flexibility with the users' administration and the ability to use an IP camera as a standalone monitoring device.

We understands our users' requirements so we developed 5 different camera lines:

Dark-Sight: When high resoltion cameras under xtreme low light condition are needed.

Eye-Sight: The largest series of cameras and Installers preferred choice with focus on great image quality

X-Sight: 2MP series with incredible night performance.

S-Sight: Addresses more cost sensitive solutions .

Special Cameras: Designed to cover sepcial installation needs.

All camera lines provide excellent picture with high quality data compression, together with upgradable ONVIF to expand connectivity options for cameras with existing installations and various NVRs and CMS software.

Dark Sight (5MP)

Provides high resolution video stream with full connectivity alongside extraordinary night performance.

- True Day & Night (ICR)
- Min. Illumination 0.001Lux
- H.265+ Video Compression
- Digital WDR/BLC/HLC
- ONVIF
- PoE

5MP:
- 5MP Resolution (2592×1944)
- 1/1.8" CMOS

Eye Sight (8MP, 5MP, 2MP)

The largest series of cameras and Installers preferred choice with focus on great image quality.

- True Day & Night (ICR)
- H.265/H.264 Compression
- BLC/HLC
- Great Night Performance
- ONVIF
- PoE

8MP:
- 8MP Resolution (3860×2140)
- 1/2.5" CMOS
- D-WDR

5MP:
- 5MP Resolution (2592×1944)
- 1/2.5" CMOS
- True-WDR

2MP:
- 2MP Resolution (1920×1080)
- 1/2.7" CMOS
- True-WDR

X-Sight (2MP)

2MP series with incredible night performance.

- True Day & Night (ICR)
- Superb Night Perfrmance
- H.264 + Video Compression
- ONVIF
- PoE

2MP:
- 2MP Resolution (1980x1080)
- 1/2.8" CMOS

S-Sight (4MP, 3MP, 2MP)

Addresses more cost sensitive solutions.

- True Day & Night (ICR)
- H.264 Compression
- ONVIF
- PoE

4MP:
- 4MP Resolution (2592×1520)
- 1/3" CMOS
- H.265
- Analytics

3MP:
- 3MP Resolution (2048×1536)
- 1/3" CMOS

2MP:
- 2MP Resolution (1920×1080)
- 1/2.7" CMOS

Special Cameras(6MP, 4MP, 2MP)

Designed to answer sepcial installation needs.

6MP Fish-Eye:
- 6MP Resolution (2160×2160)
- H.265/H.264
- 360° View
- ONVIF
- PoE

4MP Video Server:
- 4MP Resolution (2592×1520)
- 3 in 1 Solution
- H.265/H.264
- ONVIF
- PoE

2MP Star-Sight:
- 2MP Resolution (1920×1080)
- H.265/H.264
- 0.0003 Lux Min Light
- ONVIF
- PoE

2MP Pinhole:
- 2MP Resolution (1920×1080)
- H.265/H.264
- Pinhole Lens
- ONVIF
- PoE

IP Camera Model Name Index

Example									
	I	4	-	3	9	0	I	P	V F
	B	X	-	2	5	1	I	P	

Category

Symbol	Description
B	Body
D	Dome
FE	Fish-Eye
I	Infra Red (IR) Bullet
M	Mini
Z	Ultra Z PTZ

Sub-Category

Symbol	Description
X	No Subcategory
A	Anti Vandal
AI	Anti Vandal (IR)
C	Pinhole Cone Shape
I	Infra Red (IR)
M	Mini
PT	Pan/Tilt
1	IR 10-19m
2	IR 20-29m
3	IR 30-39m
4	IR 40-49m
5	IR 50-59m

Sensor Size

Symbol	Description
2	~1/2"
3	~1/3"
4	1/4"

Resolution

Symbol	Description
9	2MP (1080P)
3	3MP (New)
4	4MP
5	5MP
6	6MP
8	8MP

LUX

Symbol	Description
0	0 (IR On)
1	Below~0.009
2	0.01~0.1

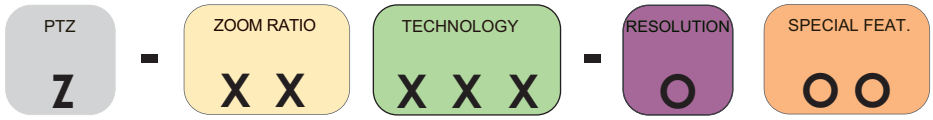
Solution

Symbol	Description
IP	IP
IPA	IP H.264+
IP5	IP H.265
IPS	IP Economy
IPE	IP Economy 1.3MP

Lens

Symbol	Description
28	2.8mm
36	3.6mm
VF	Vari-focal
MVF	Motorized VF (with Auto Focus)

IP PTZ Model Name Index



Example							
	Z	-	20	IP	1	I	R
	Z	-	30	IP	2		

Category

Symbol	Description
Z	Ultra-Z PTZ

Zoom Ratio

Symbol	Description
20	x20 Optical Zoom
30	x30 Optical Zoom

Technology

Symbol	Description
IP/IPE	IP

Resolution

Symbol	Description
1	720P
2	1080P
3	3MP

Special Features

Symbol	Description
IR	IR Illumination

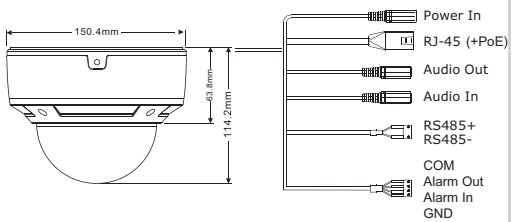
IR VARI-FOCAL VANDAL-PROOF DOME CAMERA

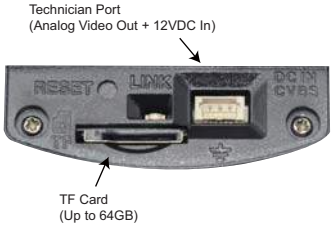
DAI-251IP5VF

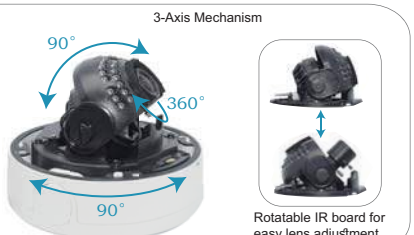
- 1/1.8” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- Super Low Light Sensitivity
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.3-10.5mm Vari-Focal Lens
- 25m IR Illumination
- PoE Support
- Local Storage
- I/O – 1 Alarm in / 1 Alarm Out
- 2 Way Audio
- Technician Port
- IP 66 Protection
- IK10 Vandal-Proof

Camera	Video	Model	DAI-251IP5VF
		Image Sensor	1/1.8" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 / HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.009lux / Night: 0.003lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	D-WDR / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Not Available
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	5MP(2592x1944), 4MP(2688x1520), 3MP, 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP(1~30fps) / 4MP(1~30fps) / 3MP(1~30fps) / 1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps)
		Bit rate	64Kbps ~ 10Mbps@H.265 / 128Kbps ~ 12Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (30 IR LED)
	Lens	3.3-10.5mm (83.7°-36.7°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis
	Dimensions	Φ150mm×114mm
	Weight(gross)	880g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support TF (64GB Max) - Snapshots Only
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~360mA / PoE/~6.2W
	Work Environment	-30℃~50℃, 10%~90% Humidity







40M IR VARI-FOCAL BULLET CAMERA

I4-251IP5VF+

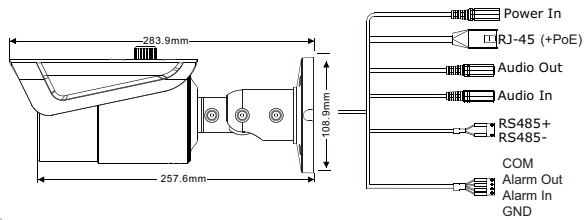
- 1/1.8” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- Super Low Light Sensitivity
- ONVIF
- D-WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-10.5mm Vari-Focal Lens
- 40m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio
- Technician Port
- IP 66 Protection

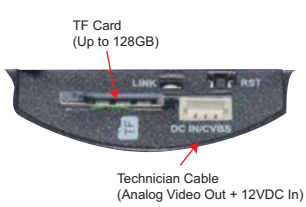
Specifications

Camera	Video	Model	I4-251IP5VF+
		Image Sensor	1/1.8" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 HFR* / 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.009lux / Night: 0.003lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	D-WDR / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	5MP(2592x1944), 4MP(2688x1520), 3MP, 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP(1~30fps) / 4MP(1~30fps) / 3MP(1~30fps) / 1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps)
		Bit rate	64Kbps ~ 10Mbps@H.265 / 128Kbps ~ 12Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens	3.3-10.5mm (83.7°-36.7°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
	Weight(gross)	1115g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~600mA / PoE/~8.5W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.





IR MOTORIZED VF VANDAL-PROOF DOME CAMERA

DAI-280IP5MVF

8MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | D WDR | 3D-DNR

BLC | HLC | Motion Detection | Analytics | Vari-Focal | 25M View | PoE | Local Storage

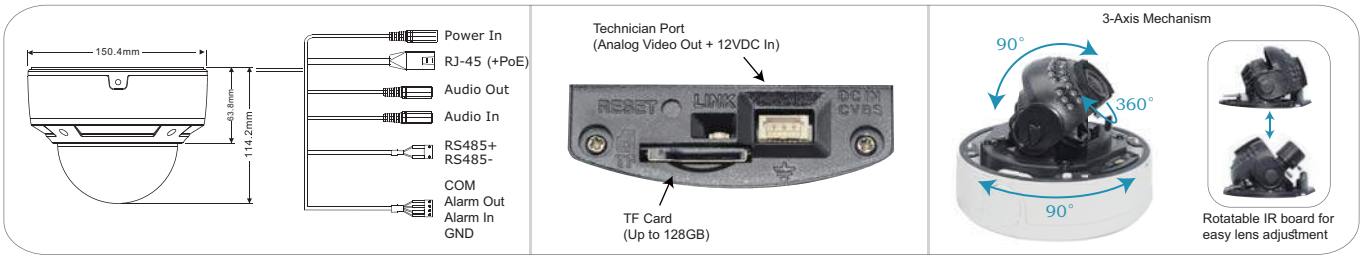
I/O | Two Way Audio | IP66 Protection Rating | Vandal Proof | DDNS | CMS | Internet Monitoring | Mobile

- 1/2.5" CMOS Sensor
- 8 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- D-WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Vari-Focal Lens
- 25m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O – 1 Alarm in / 1 Alarm Out
- 2 Way Audio
- Technician Port
- IP 66 Protection
- IK 10 Vandal-Proof

Specifications

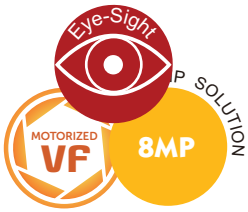
Camera	Video	Model	DAI-280IP5MVF
		Image Sensor	1/2.5" CMOS (16:9)
		Effective Pixels	3860x2140
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	Day: 0.068lux / Night: 0.003lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	D-WDR / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	8MP(3860×2140), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	8MP / 4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 12Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (30 IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto-Focus (97.5°-38.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ150mm×114mm
	Weight(gross)	880g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event recording over TF (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~360mA / PoE/~6.2W
	Work Environment	-30℃~50℃, 10%~90% Humidity



40M IR MOTORIZED VF BULLET CAMERA

I4-280IP5MVF

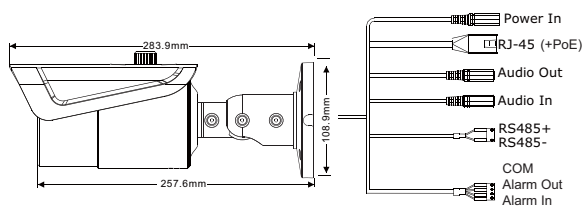


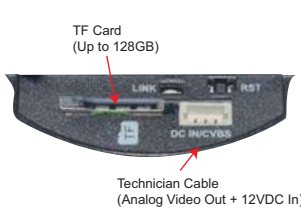
- 1/2.5" CMOS Sensor
- 8 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- D-WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Vari-Focal Lens
- 25m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O – 1 Alarm in / 1 Alarm Out
- 2 Way Audio
- Technician Port
- IP 66 Protection

Specifications

Camera	Video	Model	I4-280IP5MVF
		Image Sensor	1/2.5" CMOS (16:9)
		Effective Pixels	3860x2140
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	Day: 0.068lux / Night: 0.003lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	D-WDR / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	8MP(3860×2140), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	8MP / 4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 12Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto-Focus (97.5°-38.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
	Weight(gross)	1115g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event recording over TF (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~600mA / PoE/~8.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity





PROFESSIONAL BOX CAMERA

BX-252IP5

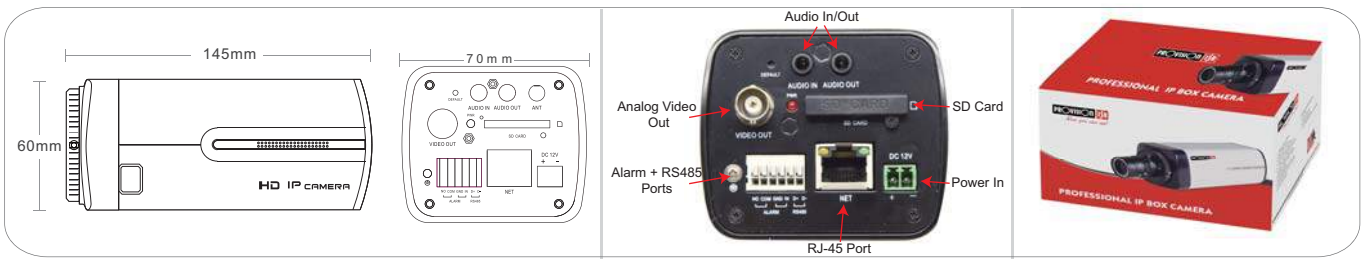
- 1/2.5” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0.003lux Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- CS Lens Mount
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio

Specifications

Camera	Video	Model	BX-252IP5
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	N/A
	Lens	N/A
	Iris	N/A
	Lens Mount	CS Mount
	Protection Rate	None
	Bracket	N/A
	Dimensions	70W x 145D x 60H mm
	Weight(gross)	395g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Event based Main/Sub-Stream recording (Up to 128Gb)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V~320mA / PoE/~6W
	Work Environment	-10°C~50°C, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



IR FIXED LENS VANDAL-PROOF MINI DOME CAMERA

DMA-250IP528

5MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | WDR | 3D-DNR | BLC | HLC | Motion Detection | Analytics | One Way Audio | 10M View | PoE | IP66 Protection Rating | Vandal Proof | Internet Monitoring | DDNS | CMS | Mobile

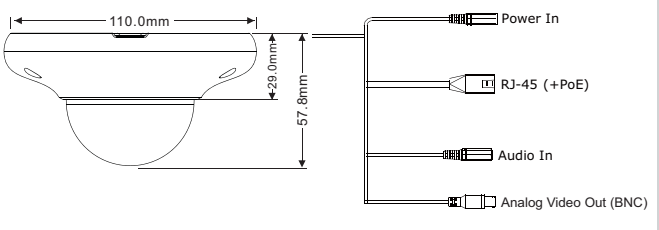
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 2.8mm Mega-Pixel Lens
- 10m IR Illumination
- PoE Support
- 1 Way Audio
- Local Storage
- 1 Way Audio
- Built-In Microphone
- CVBS
- IP 66 Protection
- IK 10 Vandal Proof

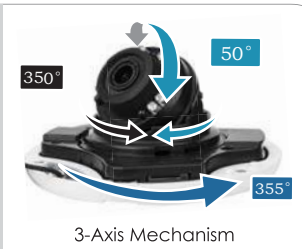
Specifications

Camera	Video	Model	DMA-250IP528
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	10m (12 IR LED)
	Lens (Field of View)	2.8mm (91°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ110mm×57.8mm
	Weight(gross)	350g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	Built-In Microphone + Mic Input
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1X, Multicast, QoS
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~340mA / PoE/~4.7W
	Work Environment	-30℃~50℃, 10%~90% Humidity

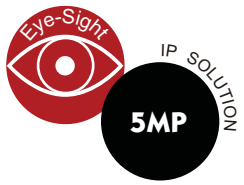
*HFR (High Frame Rate) must be supported by the NVR in order to work properly.





IR FIXED LENS VANDAL-PROOF DOME CAMERA

DAI+250IP536



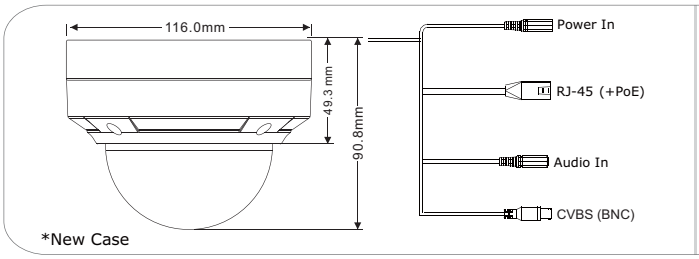
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- Local Storage
- 1 Way Audio
- CVBS
- IP 66 Protection
- IK 10 Vandal Proof

Specifications

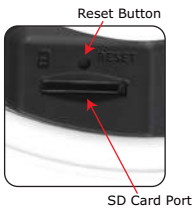
Camera	Video	Model	DAI+250IP536
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (16 High Power IR LED)
	Lens (Field of View)	3.6mm (84.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ116mm×91mm
	Weight(gross)	605g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS
	Audio Connectivity	1Ch Input
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~440mA / PoE/~6.7W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



*New Case



3-Axis Mechanism

IR VARI-FOCAL VANDAL-PROOF DOME CAMERA

DAI-250IP5VF

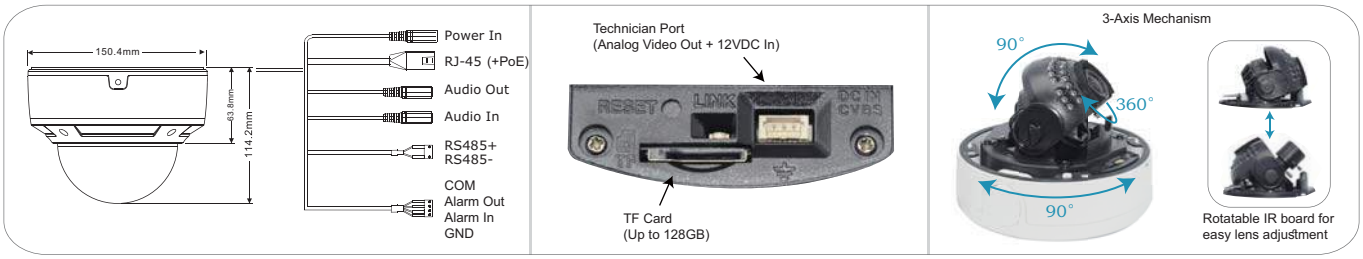
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3-11mm Vari-Focal Lens
- 25m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio
- Technician Port
- IP 66 Protection
- IK 10 Vandal-Proof

Specifications

Camera	Video	Model	DAI-250IP5VF
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (30 IR LED)
	Lens (Field of View)	3.3-10.5mm (94°-35°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ150mm×114mm
	Weight(gross)	880g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Sub-stream recording over TF (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~360mA / PoE/~6.2W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



IR FIXED LENS DOME CAMERA

DI-250IP528

5MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | WDR | 3D-DNR

BLC | HLC | Motion Detection | Analytics | One Way Audio | 15M View | PoE

IP66 Protection Rating | Internet Monitoring | DDNS | CMS | Mobile

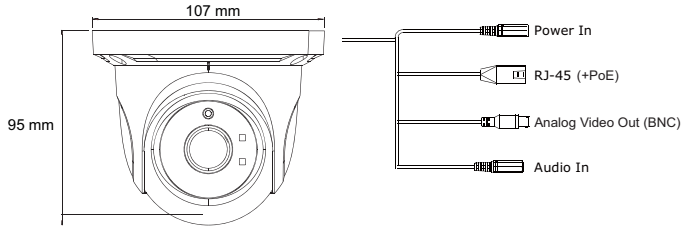
- 1/2.5” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 2.8mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- 1 Way Audio
- CVBS
- IP 66 Protection

Specifications

Camera	Video	Model	DI-250IP528
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (10 Wide Angle High Power IR LED)
	Lens (Field of View)	2.8mm (98°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (RCAx1)
	Audio Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



IR FIXED LENS DOME CAMERA

DI-250IP536

5MP ICR H.265 0 Lux Minimum Illumination ONVIF WDR 3D-DNR

BLC HLC Motion Detection Analytics One Way Audio 15M View PoE

IP66 Protection Rating Internet Monitoring DDNS CMS Mobile

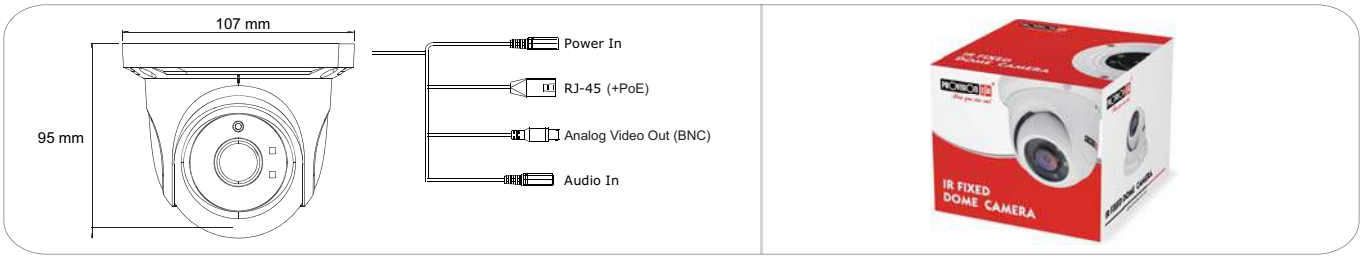
- 1/2.5” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- 1 Way Audio
- CVBS
- IP 66 Protection

Specifications

Camera	Video	Model	DI-250IP536
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (2 High Power IR LED)
	Lens (Field of View)	3.6mm (84.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (RCAx1)
	Audio Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



IR MOTORIZED VF DOME CAMERA

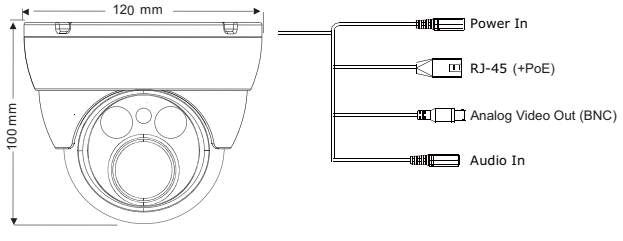
DI-250IP5MVF

- 1/2.5” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Lens with Auto-Focus
- 25m IR Illumination
- PoE Support
- 1 Way Audio
- CVBS
- IP 66 Protection

Specifications

Camera	Video	Model	DI-250IP5MVF
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.036lux / Night: 0.009lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (2 High Power IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto-Focus (98°-36°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø120mm×100mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNC)
	Audio Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30℃~50℃, 10%~90% Humidity



15M IR FIXED LENS BULLET CAMERA

I1-250IP536

5MP ICR H.265 0 Lux Minimum Illumination ONVIF WDR 3D-DNR

BLC HLC Motion Detection Analytics One Way Audio 15M View PoE

IP66 Protection Rating Internet Monitoring DDNS CMS Mobile

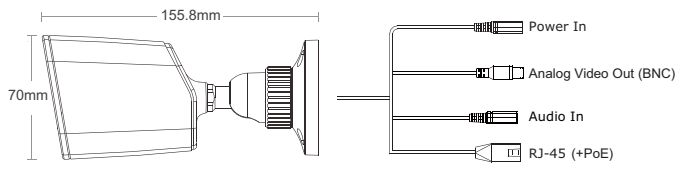
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- 1 Way Audio
- CVBS
- IP 66 Protection

Specifications

Camera	Video	Model	I1-250IP536
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (30 IR LED)
	Lens (Field of View)	3.6mm (84.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
	Weight(gross)	306g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~380mA / PoE/~6W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



30M IR FIXED LENS BULLET CAMERA

I3-250IP536

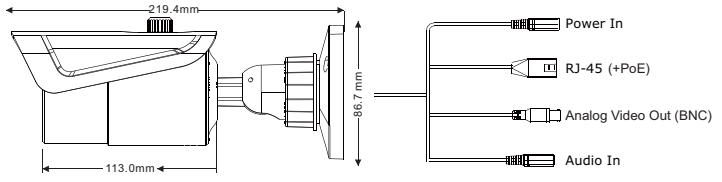
- 1/2.5” CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 30m IR Illumination
- PoE Support
- 1 Way Audio
- CVBS
- IP 66 Protection

Specifications

Camera	Video	Model	I3-250IP536
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (42 IR LED)
	Lens (Field of View)	3.6mm (84.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.



40M IR VARI-FOCAL BULLET CAMERA

I4-250IP5VF

5MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | WDR | 3D-DNR

BLC | HLC | Motion Detection | Analytics | Vari-Focal | 40M View | PoE

Local Storage | I/O | Two Way Audio | IP66 Protection Rating | DDNS | CMS | Internet Monitoring | Mobile

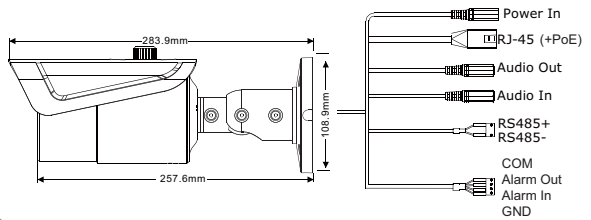
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-10.5mm Vari-Focal Lens
- 40m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio
- Technician Port
- IP 66 Protection

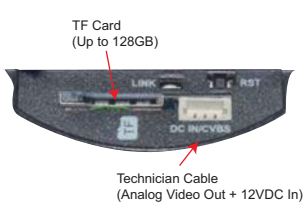
Specifications

Camera	Video	Model	I4-250IP5VF
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (True-WDR), HFR*: 1-50/60 (Max. 1080P & D-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.013lux / Night: 0.003lux (@F1.2, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens (Field of View)	3.3-10.5mm (94°-35°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
	Weight(gross)	1115g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~600mA / PoE/~8.5W
	Work Environment	-30℃~50℃, 10%~90% Humidity

*HFR (High Frame Rate) must be supported by the NVR in order to work properly.





40M IR MOTORIZED VF BULLET CAMERA

I4-250IP5MVF

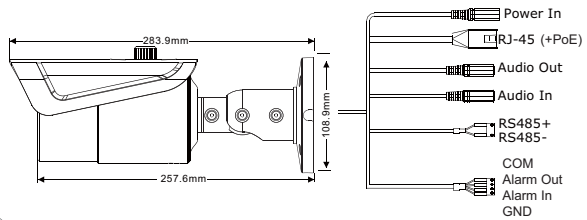
5MP · ICR · H.265 · 0 Lux Minimum Illumination · ONVIF · WDR · 3D-DNR · BLC · HLC · Motion Detection · Analytics · Vari-Focal · 40M View · PoE · Local Storage · I/O · Two Way Audio · IP66 Protection Rating · DDNS · CMS · Internet Monitoring · Mobile

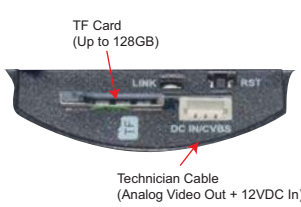
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Lens with Auto-Focus
- 40m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio
- Technician Port
- IP 66 Protection

Specifications

Camera	Video	Model	I4-250IP5MVF
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.036lux / Night: 0.009lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto-Focus (98°-36°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
	Weight(gross)	1115g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Sub-stream recording over TF (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~600mA / PoE/~8.5W
	Work Environment	-30℃~50℃, 10%~90% Humidity





80M IR MOTORIZED VF BULLET CAMERA

I8-250IP5MVF

5MP · ICR · H.265 · 0 Lux Minimum Illumination · ONVIF · WDR · 3D-DNR · BLC · HLC · Motion Detection · Analytics · Vari-Focal · 40M View · PoE · Local Storage · I/O · Two Way Audio · IP66 Protection Rating · DDNS · CMS · Internet Monitoring · Mobile

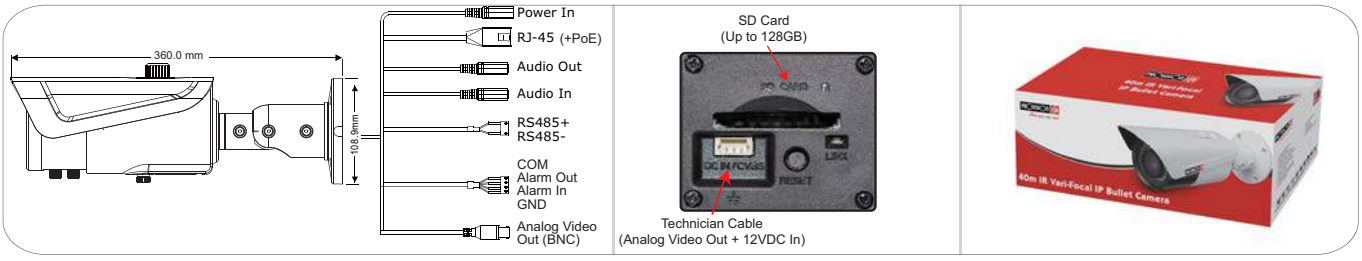
- 1/2.5" CMOS Sensor
- 5 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 9-22mm Motorized Lens with Auto-Focus*
- 80m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio
- Technician Port
- IP 66 Protection

Specifications

Camera	Video	Model	I8-250IP5MVF
		Image Sensor	1/2.5" CMOS (4:3)
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.036lux / Night: 0.009lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB, HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	5MP(2592x1944), 4MP(2560x1440), 1080P, 720P, D1, CIF ,480x240
		Multi-Stream	5MP / 4MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 128Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	80m (4 IR LED Array)
	Lens (Field of View)	9-22mm Motorized with Auto-Focus* (24°-11°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
	Weight(gross)	1700g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Recording over SD (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~980mA / PoE/~14W
	Work Environment	-30℃~50℃, 10%~90% Humidity

The technical specs above are not final and subject to change



IR FIXED LENS VANDAL-PROOF MINI DOME CAMERA

DMA-390IP528

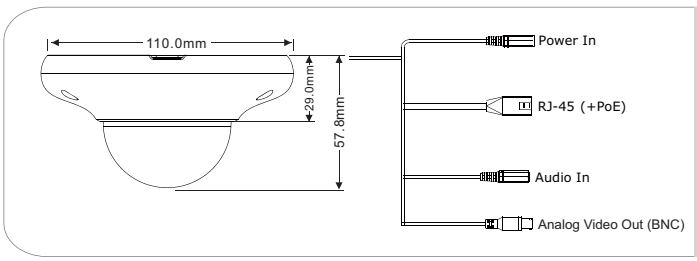
2MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | WDR | 3D-DNR | BLC | HLC | Motion Detection | Analytics | One Way Audio | 10M View | PoE | IP66 Protection Rating | Vandal Proof | Internet Monitoring | DDNS | CMS | Mobile

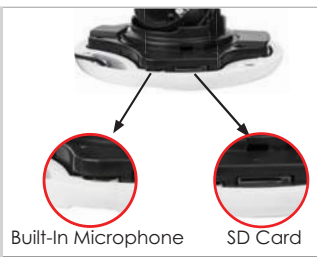
- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 2.8mm Mega-Pixel Lens
- 10m IR Illumination
- PoE Support
- 1 Way Audio
- Local Storage
- 1 Way Audio
- Built-In Microphone
- CVBS
- IP 66 Protection
- IK 10 Vandal Proof

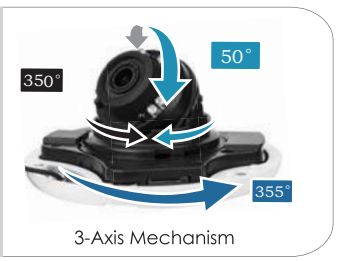
Specifications

Camera	Video	Model	DMA-390IP528
		Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.022lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	1080P (1920x1080), 720P（1280×720), D1 ,CIF
		Multi-Stream	1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 4Mbps@H.265 / 128Kbps ~ 6Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	10m (12 IR LED)
	Lens (Field of View)	2.8mm (101.7°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ110mm×57.8mm
	Weight(gross)	350g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	Built-In Microphone + Mic Input
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1X, Multicast, QoS
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~340mA / PoE/~4.7W
	Work Environment	-30℃~50℃, 10%~90% Humidity







IR FIXED LENS VANDAL-PROOF DOME CAMERA

DAI+390IP536

2MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | WDR | 3D-DNR

BLC | HLC | Motion Detection | Analytics | One Way Audio | 15M View | PoE

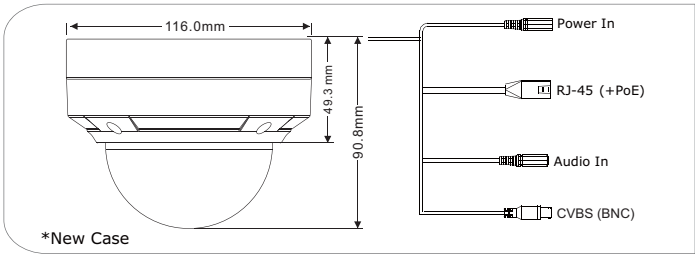
IP66 Protection Rating | Vandal Proof | Internet Monitoring | DDNS | CMS | Mobile

- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- Local Storage
- 1 Way Audio
- CVBS
- IP 66 Protection
- IK 10 Vandal Proof

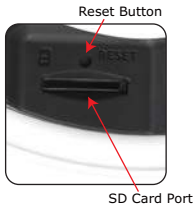
Specifications

		Model	DAI+390IP536
Camera	Video	Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.022lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	1080P (1920x1080), 720P（1280×720), D1 ,CIF
		Multi-Stream	11920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 4Mbps@H.265 / 128Kbps ~ 6Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (16 High Power IR LED)
	Lens (Field of View)	3.6mm (80.3°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ116mm×91mm
	Weight(gross)	605g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS
	Audio Connectivity	1Ch Input
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~440mA / PoE/~6.7W
	Work Environment	-30℃~50℃, 10%~90% Humidity



*New Case



3-Axis Mechanism

IR MOTORIZED VF VANDAL-PROOF DOME CAMERA

DAI-390IP5MVF

1/2.7" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.265 (HEVC) Compression
0 Lux (IR On) Min. Illumination

ONVIF
True WDR / BLC / HLC
3D Noise Reduction
Motion Detection and Privacy Masking
Analytics Support

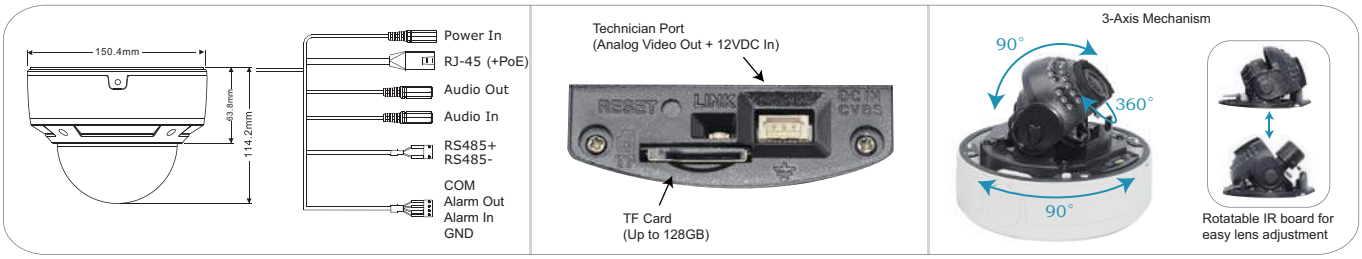
3.3-12mm Motorized with Auto-Focus
25m IR Illumination
PoE Support
Local Storage
RS-485

I/O
2 Way Audio
Technician Port
IP 66 Protection
IK 10 Vandal-Proof

Specifications

Camera	Video	Model	DAI-390IP5MVF
		Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.022lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	1080P (1920x1080), 720P (1280×720), D1 ,CIF
		Multi-Stream	11920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 4Mbps@H.265 / 128Kbps ~ 6Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (30 IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto-Focus (109.8°-38.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ150mm×114mm
	Weight(gross)	880g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~360mA / PoE/~6.2W
	Work Environment	-30℃~50℃, 10%~90% Humidity



30M IR FIXED LENS BULLET CAMERA

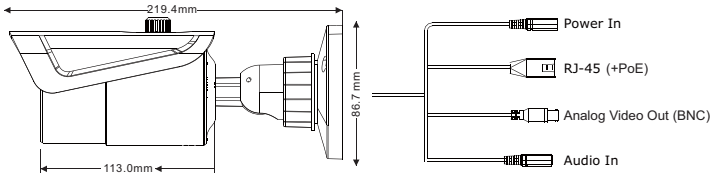
I3-390IP536

- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 30m IR Illumination
- PoE Support
- 1 Way Audio
- CVBS
- IP 66 Protection

Specifications

Camera	Video	Model	I3-390IP536
		Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.022lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	1080P (1920x1080), 720P（1280×720), D1 ,CIF
		Multi-Stream	11920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 4Mbps@H.265 / 128Kbps ~ 6Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (42 IR LED)
	Lens (Field of View)	3.6mm (80.3°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30℃~50℃, 10%~90% Humidity



40M IR MOTORIZED VF BULLET CAMERA

I4-390IP5MVF

2MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | WDR | 3D-DNR

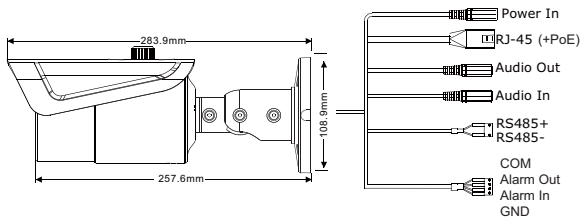
BLC | HLC | Motion Detection | Analytics | 40M View | PoE | Local Storage

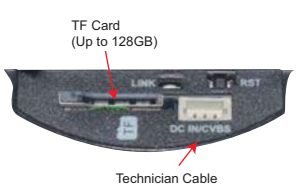
I/O | Two Way Audio | IP66 Protection Rating | DDNS | CMS | Internet Monitoring | Mobile

- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- True WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Lens with Auto-Focus
- 40m IR Illumination
- PoE Support
- Local Storage
- RS-485
- I/O
- 2 Way Audio
- Technician Port
- IP 66 Protection

Camera	Video	Model	I4-390IP5MVF
		Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.022lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 ,CIF
		Multi-Stream	11920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 4Mbps@H.265 / 128Kbps ~ 6Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto-Focus (109.8°-38.5°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
	Weight(gross)	1115g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event recording over TF (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~600mA / PoE/~8.5W
	Work Environment	-30℃~50℃, 10%~90% Humidity





IR FIXED LENS DOME CAMERA

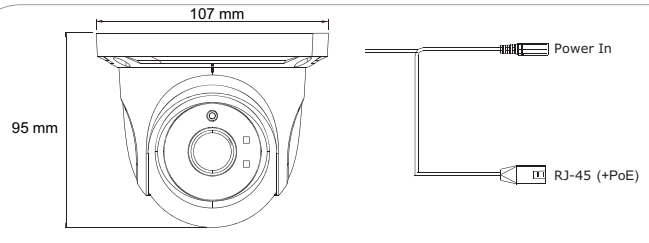
DI-390IPA36+

- 1/2.8” CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	DI-390IPA36+
		Image Sensor	1/2.8" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.005lux / Night: 0.0004lux (@F1.6, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264+
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) , CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (2 High Power IR LED)
	Lens (Field of View)	3.6mm (85.8°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30℃~50℃, 10%~90% Humidity



IR VARI-FOCAL DOME CAMERA

DI-390IPAVF+

1/2.8" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.264+ Compression
0 Lux (IR On) Min. Illumination

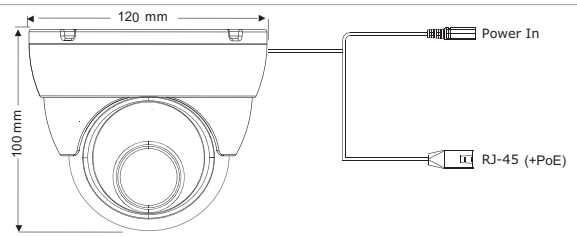
ONVIF
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens

25m IR Illumination
PoE Support
IP 66 Protection

Specifications

Camera	Video	Model	DI-390IPAVF+
		Image Sensor	1/2.8" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.005lux / Night: 0.0004lux (@F1.6, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264+
		Resolution	1080P (1920x1080), 720P（1280×720), D1 (704×567) ,CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (2 High Power IR LED)
	Lens (Field of View)	2.8-12mm (95.7°-35.9°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Ball
	Dimensions	Φ119mm×82mm
	Weight(gross)	669g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~450mA / PoE/~7W
	Work Environment	-30℃~50℃, 10%~90% Humidity



Junction Box is available

15M IR FIXED LENS BULLET CAMERA

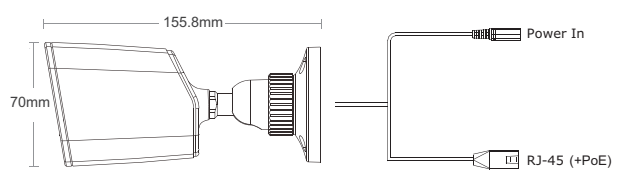
I1-390IPA36+

- 1/2.8" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	I1-390IPA36+
		Image Sensor	1/2.8" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.005lux / Night: 0.0004lux (@F1.6, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264+
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) ,CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (24 IR LED)
	Lens (Field of View)	3.6mm (85.8°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
	Weight(gross)	306g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~380mA / PoE/~6W
	Work Environment	-30℃~50℃, 10%~90% Humidity



30M IR VARI-FOCAL BULLET CAMERA

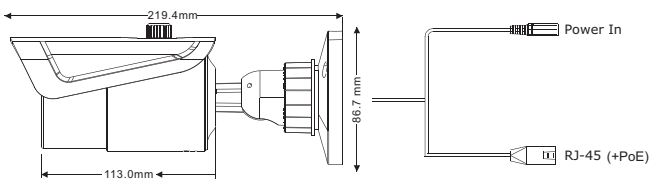
I3-390IPAVF+

- 1/2.8" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 2.8-12mm Vari-Focal Lens
- 30m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	I3-390IPAVF+
		Image Sensor	1/2.8" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.005lux / Night: 0.0004lux (@F1.6, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264+
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) , CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (36 IR LED)
	Lens (Field of View)	2.8-12mm (95.7°-35.9°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity



IR FIXED LENS DOME CAMERA

DI-340IP5S28

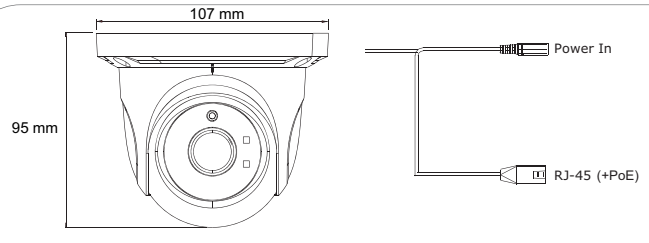
4MP ICR H.265 0 Lux Minimum Illumination ONVIF D WDR 3D-DNR Motion Detection Analytics 15M View PoE IP66 Protection Rating Mobile Internet Monitoring DDNS CMS

- 1/3" CMOS Sensor
- 4 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 2.8mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	DI-340IP5S28
		Image Sensor	1/3" CMOS (16:9)
		Effective Pixels	2592x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	4MP - 1-20FPS / 3MP and lower: 1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.045lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	4MP (2592x1520)/(2560x1440) / 3MP(2304x1296) / 1080P / 720P / D1 / CIF
		Multi-Stream	4MP(1~20fps) / 3MP (1~30fps) / 2MP (1~30fps) D1 (1~30fps) / CIF (1~30fps)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (10 Wide Angle High Power IR LED)
	Lens (Field of View)	2.8mm (107°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity



IR FIXED LENS DOME CAMERA

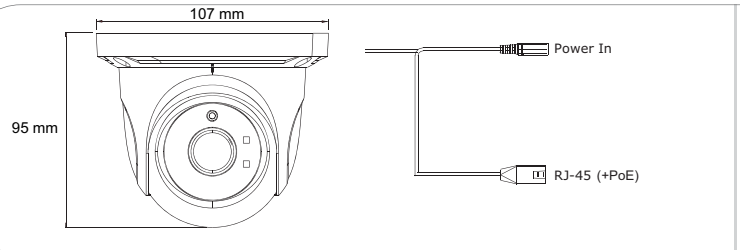
DI-340IP5S36

- 1/3” CMOS Sensor
- 4 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	DI-340IP5S36
		Image Sensor	1/3" CMOS
		Effective Pixels	2592x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	4MP - 1-20FPS / 3MP and lower: 1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.045lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	4MP (2592x1520)/(2560x1440) / 3MP(2304x1296) / 1080P / 720P / D1 / CIF
		Multi-Stream	4MP(1~20fps) / 3MP (1~30fps) / 2MP (1~30fps) D1 (1~30fps) / CIF (1~30fps)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (2 High Power IR LED)
	Lens (Field of View)	3.6mm (84°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity



IR MOTORIZED VF DOME CAMERA

DI-340IP5SMVF

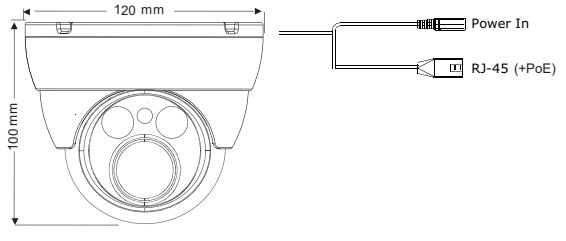
4MP | ICR | H.265 | 0 Lux Minimum Illumination | ONVIF | D WDR | 3D-DNR | Motion Detection | Analytics | 25M View | PoE | IP66 Protection Rating | Mobile | Internet Monitoring | DDNS | CMS

- 1/3" CMOS Sensor
- 4 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Lens with Auto-Focus
- 25m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

		Model	DI-340IP5SMVF
Camera	Video	Image Sensor	1/3" CMOS
		Effective Pixels	2592x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	4MP - 1-20FPS / 3MP and lower: 1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.045lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	4MP (2592x1520)/(2560x1440) / 3MP(2304x1296) / 1080P / 720P / D1 / CIF
		Multi-Stream	4MP(1~20fps) / 3MP (1~30fps) / 2MP (1~30fps) D1 (1~30fps) / CIF (1~30fps)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (2 High Power IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto Focus (81°-31°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø120mm×100mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity



15M IR FIXED LENS BULLET CAMERA

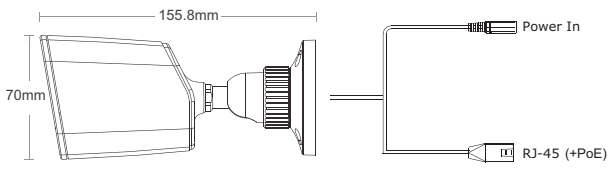
I1-340IP5S36

- 1/3" CMOS Sensor
- 4 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	I1-340IP5S36
		Image Sensor	1/3" CMOS (16:9)
		Effective Pixels	2592x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	4MP - 1-20FPS / 3MP and lower: 1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.045lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	4MP (2592x1520)/(2560x1440) / 3MP(2304x1296) / 1080P / 720P / D1 / CIF
		Multi-Stream	4MP(1~20fps) / 3MP (1~30fps) / 2MP (1~30fps) D1 (1~30fps) / CIF (1~30fps)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (24 IR LED)
	Lens (Field of View)	3.6mm (84°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
	Weight(gross)	306g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~380mA / PoE/~6W
	Work Environment	-30°C~50°C, 10%~90% Humidity



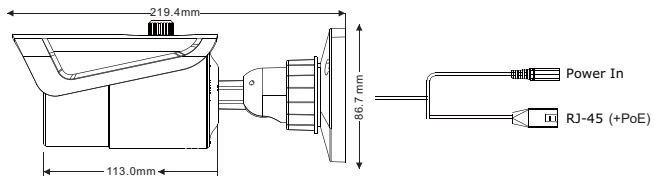
30M IR VARI-FOCAL BULLET CAMERA

I3-340IP5SVF

- 1/3” CMOS Sensor
- 4 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3-11mm Mega-Pixel Lens
- 30m IR Illumination
- PoE Support
- IP 66 Protection

Camera	Video	Model	I3-340IP5SVF
		Image Sensor	1/3" CMOS (16:9)
		Effective Pixels	2592x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	4MP - 1-20FPS / 3MP and lower: 1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.045lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	4MP (2592x1520)/(2560x1440) / 3MP(2304x1296) / 1080P / 720P / D1 / CIF
		Multi-Stream	4MP(1~20fps) / 3MP (1~30fps) / 2MP (1~30fps) D1 （1~30fps) / CIF （1~30fps)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (36 IR LED)
	Lens (Field of View)	3-11mm (72°-27°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity



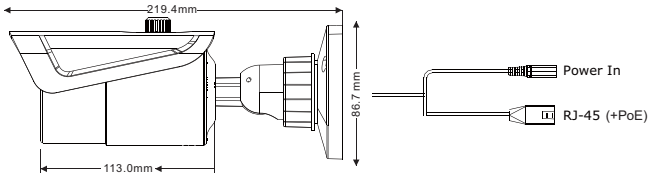
IR MOTORIZED VF BULLET CAMERA

I3-340IP5SMVF

- 1/3” CMOS Sensor
- 4 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- 3.3-12mm Motorized Lens with Auto-Focus
- 25m IR Illumination
- PoE Support
- IP 66 Protection

Camera	Video	Model	I3-340IP5SMVF
		Image Sensor	1/3" CMOS (16:9)
		Effective Pixels	2592x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	4MP - 1-20FPS / 3MP and lower: 1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.045lux / Night: 0.01lux (@F1.8, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Streams Only)
		Resolution	4MP (2592x1520)/(2560x1440) / 3MP(2304x1296) / 1080P / 720P / D1 / CIF
		Multi-Stream	4MP(1~20fps) / 3MP (1~30fps) / 2MP (1~30fps) D1 （1~30fps) / CIF （1~30fps)
		Bit rate	64Kbps ~ 8Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (36 IR LED)
	Lens (Field of View)	3.3-12mm Motorized with Auto Focus (81°-31°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity



IR FIXED LENS DOME CAMERA

DI-330IPS36

1/3" CMOS Sensor
3 Mega-Pixel
True Day & Night (IR Cut Removable)
0 Lux (IR On) Min. Illumination
ONVIF

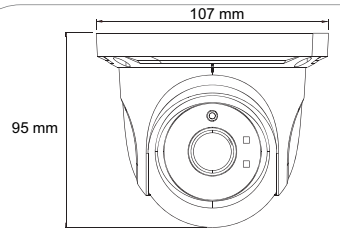
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens
15m IR Illumination

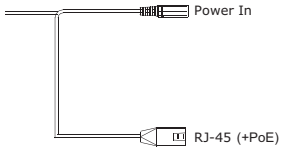
PoE Support
IP 66 Protection

Specifications

Camera	Video	Model	DI -330IPS36
		Image Sensor	1/3" CMOS (4:3)
		Effective Pixels	2048x1536
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.06lux / Night: 0.04lux (@F2.0, AGC On). 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	3MP (2048x1536), 1080P (1920x1080), 720P（1280×720), D1 ,CIF
		Multi-Stream	2048x1536 (1~30fps) / 1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (2 High Power IR LED)
	Lens (Field of View)	3.6mm (90°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity





IR VARI-FOCAL DOME CAMERA

DI-330IPSVF

1/3" CMOS Sensor
3 Mega-Pixel
True Day & Night (IR Cut Removable)
0 Lux (IR On) Min. Illumination
ONVIF

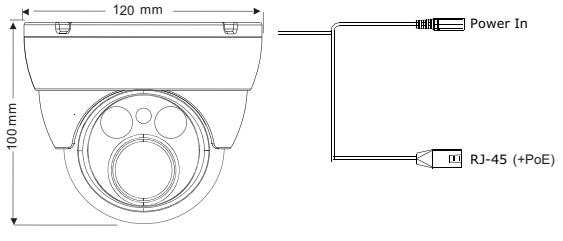
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3-11mm Vari-Focal Lens
25m IR Illumination

PoE Support
IP 66 Protection

Specifications

Camera	Video	Model	DI-330IPSVF
		Image Sensor	1/3" CMOS (4:3)
		Effective Pixels	2048x1536
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.06lux / Night: 0.04lux (@F2.0, AGC On). 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	3MP (2048x1536), 1080P (1920x1080), 720P（1280×720), D1 ,CIF
		Multi-Stream	2048x1536 (1~30fps) / 1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (2 High Power IR LED)
	Lens (Field of View)	3-11mm Vari-Focal (72°-27°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø120mm×100mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity



15M IR FIXED LENS BULLET CAMERA

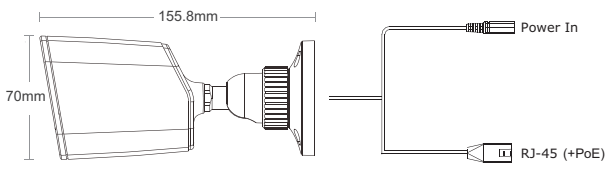
I1-330IPS36

- 1/3" CMOS Sensor
- 3 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	I1-330IPS36
		Image Sensor	1/3" CMOS (4:3)
		Effective Pixels	2048x1536
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.06lux / Night: 0.04lux (@F2.0, AGC On). 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	3MP (2048x1536), 1080P (1920x1080), 720P（1280×720）,D1 ,CIF
		Multi-Stream	2048x1536 (1~30fps) / 1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (24 IR LED)
	Lens (Field of View)	3.6mm (90°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
	Weight(gross)	306g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~380mA / PoE/~6W
	Work Environment	-30°C~50°C, 10%~90% Humidity



30M IR VARI-FOCAL LENS BULLET CAMERA

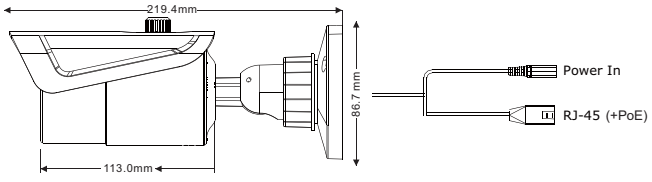
I3-330IPSVF

- 1/3" CMOS Sensor
- 3 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	I3-330IPSVF
		Image Sensor	1/3" CMOS (4:3)
		Effective Pixels	2048x1536
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.06lux / Night: 0.04lux (@F2.0, AGC On). 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	3MP (2048x1536), 1080P (1920x1080), 720P（1280×720), D1 ,CIF
		Multi-Stream	2048x1536 (1~30fps) / 1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (36 IR LED)
	Lens (Field of View)	3-11mm Vari-Focal (72°-27°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity



IR FIXED LENS DOME CAMERA

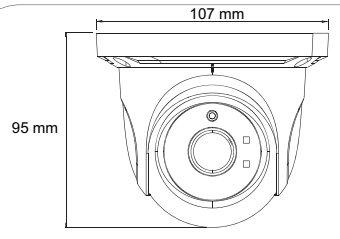
DI-390IPS28

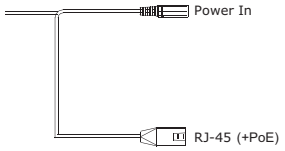
- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 2.8mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

		Model	DI-390IPS28
Camera	Video	Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) ,CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (10 Wide Angle High Power IR LED)
	Lens (Field of View)	2.8mm (118°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~5.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity





IR FIXED LENS DOME CAMERA

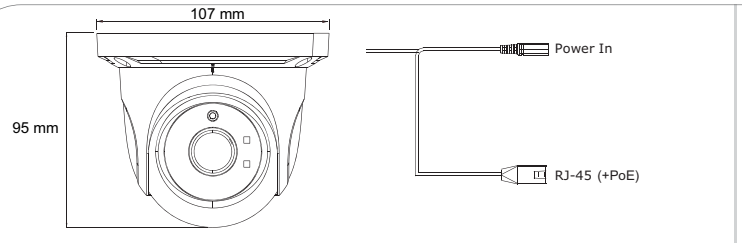
DI-390IPS36

- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

		Model	DI-390IPS36
Camera	Video	Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) , CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (2 High Power IR LED)
	Lens (Field of View)	3.6mm (91°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity



IR VARI-FOCAL DOME CAMERA

DI-390IPSVF

1/2.7" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
0 Lux (IR On) Min. Illumination
ONVIF

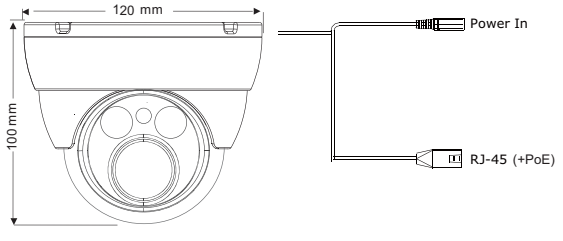
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens
25m IR Illumination

PoE Support
IP 66 Protection

Specifications

		Model	DI-390IPSVF
Camera	Video	Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) , CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (2 High Power IR LED)
	Lens (Field of View)	2.8-12mm (92°-34°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø120mm×100mm
	Weight(gross)	400g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30°C~50°C, 10%~90% Humidity



15M IR FIXED LENS BULLET CAMERA

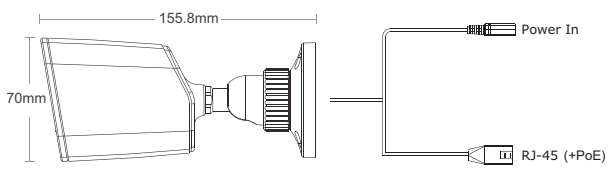
I1-390IPS36

- 1/2.7" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 3.6mm Mega-Pixel Lens
- 15m IR Illumination
- PoE Support
- IP 66 Protection

Specifications

Camera	Video	Model	I1-390IPS36
		Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	1080P (1920x1080), 720P（1280×720）,D1 (704×567) ,CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (24 IR LED)
	Lens (Field of View)	3.6mm (91°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
	Weight(gross)	306g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~380mA / PoE/~6W
	Work Environment	-30°C~50°C, 10%~90% Humidity



30M IR VARI-FOCAL BULLET CAMERA

I3-390IPSVF

1/2.7" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
0 Lux (IR On) Min. Illumination
ONVIF

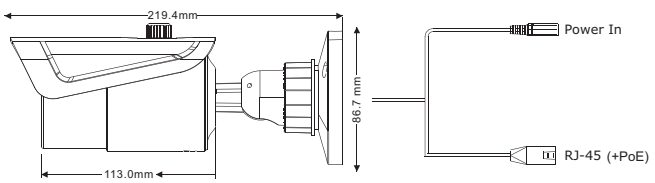
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens
30m IR Illumination

PoE Support
IP 66 Protection

Specifications

Camera	Video	Model	I3-390IPSVF
		Image Sensor	1/2.7" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	No
		Communication	No
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.264
		Resolution	1080P (1920x1080), 720P（1280×720）, D1 (704×567) ,CIF (480x240)
		Multi-Stream	1920x1080 (1~30fps) / 1280x720（1~30fps） D1（1~30fps) / HD1 (480x240) CIF（1~30fps)
		Bit rate	64Kbps ~ 10Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (36 IR LED)
	Lens (Field of View)	2.8-12mm (92°-34°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Φ87mm×219mm
	Weight(gross)	635g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30°C~50°C, 10%~90% Humidity



PROFESSIONAL BOX CAMERA

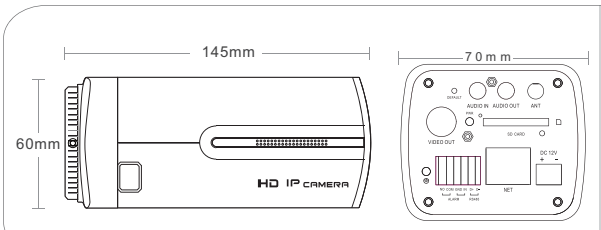
BX-291IP5

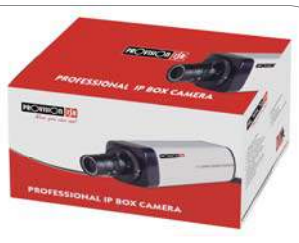
- 1/1.9” CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- 0.0003 Lux Min. Illumination
- ONVIF
- Digital WDR
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- Analytics Support
- CS Lens Mount
- PoE Support
- Local Storage
- RS-485
- I/O – 1 Alarm in / 1 Alarm Out
- 2 Way Audio

Specifications

		Model	BX-291IP5
Camera	Video	Image Sensor	1/1.9" CMOS (16:9)
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	Day: 0.0028lux / Night: 0.0003lux (@F1.4, AGC On)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (120dB) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Pro Level
Compression		Video Compression	H.265 / H.264 / MJPEG (Sub-Stream Only)
		Resolution	1080P (1920x1080), 720P (1280x720), D1, CIF ,480x240
		Multi-Stream	1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps)
		Bit rate	64Kbps ~ 10Mbps@H.265 / 128Kbps ~ 12Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	N/A
	Lens	N/A
	Iris	N/A
	Lens Mount	CS Mount
	Protection Rate	None
	Bracket	No
	Dimensions	70W x 145D x 60H mm
	Weight(gross)	395g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event recording over TF (128GB Max)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V~320mA / AC24V~160mA / PoE~6W
	Work Environment	-10℃~50℃, 10%~90% Humidity





PINHOLE LENS MINI CAMERA

MC-392IP543

IP SOLUTION 2MP

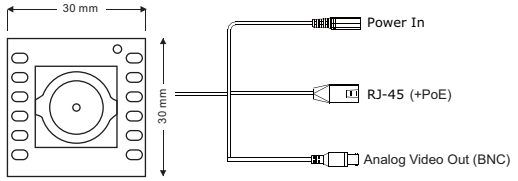
2MP · ICR · H.265 · 0.01 Lux Minimum Illumination · ONVIF · D-WDR · 3D-DNR · BLC · HLC · Motion Detection · Local Storage · One Way Audio · DC 12V · DDNS · CMS · Internet Monitoring · Mobile

- 1/3" CMOS Sensor
- 2 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0.01 Lux Min. Illumination
- ONVIF
- D-WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 4.3mm MP Pinhole Lens
- DC12 Power Supply
- Local Storage
- 1 Way Audio (Built-In Microphone)
- CVBS

Specifications

Camera	Video	Model	MC-392IP543
		Image Sensor	1/3" CMOS (16:9)
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	Day: 0.04lux / Night: 0.01lux (@F2.0, AGC On)
	Audio	Audio compression	G711A/U
		Communication	One Way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto / Manual) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	D-WDR / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression		Video Compression	H.265 / H.264
		Resolution	1080P (1920x1080), 720P (1280x720), D1, CIF ,480x240
		Multi-stream	1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps)
		Bit rate	64Kbps ~ 10Mbps@H.265 / 128Kbps ~ 12Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	N/A
	Lens (Field of View)	4.3mm Pinhole (62°)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	None
	Bracket	1-Axis Bracket
	Dimensions	30mm×30mm×29.5mm
	Weight(gross)	90g
Connectivity	Network	RJ45
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	Built-In Microphone
	SD Card	Support Event recording over TF (128GB Max)
	RS485	No
	Alarm	No
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	Yes
Others	Power Supply	DC12V/~150mA
	Work Environment	-10℃~50℃, 10%~90% Humidity



IR VANDAL-PROOF FISH EYE CAMERA

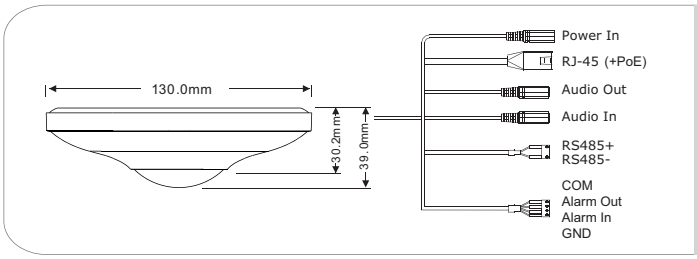
FEI-360IP5

- 1/2.9” CMOS Sensor
- 6 Mega-Pixel
- True Day & Night (IR Cut Removable)
- H.265 (HEVC) Compression
- 0 Lux (IR On) Min. Illumination
- ONVIF
- Digital WDR / BLC / HLC
- 3D Noise Reduction
- Motion Detection and Privacy Masking
- 1.07mm 360° Lens
- 15m IR Illumination
- PoE Support
- Local Storage
- 2 Way Audio
- Built-In Microphone
- I/O
- CVBS
- IP 66 Protection
- IK 10 Vandal Proof

Specifications

Camera	Video	Model	FEI-360IP5
		Image Sensor	6MP 1/2.9" CMOS (3096 × 2196)
		Effective Pixels	2160x2160 (1:1)
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	Day: 0.04lux / Night: 0.01lux (@F2.0, AGC On) 0lux with IR on
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Ceiling / Wall Installation
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	No
Compression		Video Compression	H.265 / H.264
		Resolution	6MP(2160x2160), 4MP(1920x1920), 2MP(1440x1440), 960x960, 480x480
		View Modes	Fish-Eye (360° Bubble), 360° Stretched view (Lens Correction), 360° Split View, Fish-Eye (360° Bubble) + 3 Digital PTZ
		Bit rate	64Kbps ~ 10Mbps@H.265 / 64Kbps ~ 10Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (6 High Power Wide Angle IR LED)
	Lens (Field of View)	1.07mm (360° for Ceiling Mount / 180° For Wall Mount)
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	Surface Mount (Ceiling / Wall)
	Dimensions	Φ130mm×39mm
	Weight(gross)	432g
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio Connectivity	Built-In Microphone / Mic Input + Audio Output
	SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
	RS485	Yes
	Alarm	1Ch Input, 1Ch Output
Network	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
	User Access	Supports simultaneous monitoring for up to 10 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~300mA / PoE/~3W
	Work Environment	-20℃~50℃, 10%~90% Humidity



DIGITAL VIDEO SERVER

DVS-IP5-4

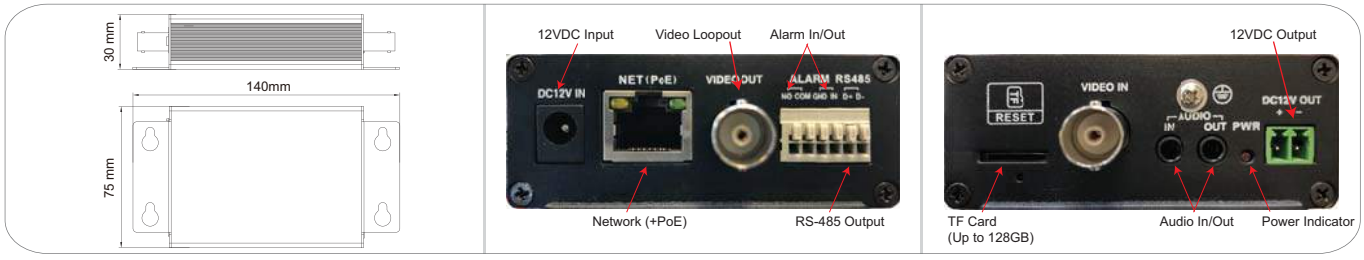
- 4 Mega-Pixel (Max)
- 3in1 (AHD/TVI/CVBS)
- H.265 (HEVC) Compression
- ONVIF
- Motion Detection and Privacy Masking
- Analytics Support
- RS-485*
- PoE Support
- Local Storage
- I/O
- 2 Way Audio
- 12VDC Output

Specifications

Camera	Video	Model	DVS-IP5-4
		Video Input	1CH Standard BNC (1.0Vp-p, impedance : 75Ω)
		Input Signal	AHD (4MP and Lower) / TVI (2MP and Lower) /CVBS
		Supported Resolutions	4MP / 2MP / 1MP / CVBS
		Video Output	4MP / 3MP / 2MP / 1MP + 1CH Standard BNC Loopout
		Frame Rate	1-25/30
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Processing	Image Settings	Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	ROI
		Noise Reduction	Yes
		Image Orientation	Mirror / Flip / Corridor Mode
		Privacy Zone	Yes
		Motion Detection	Yes
		Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Compression		Video Compression	H.265 / H.264
		Resolution	4MP(2560x1440), 3MP(2048×1536), 1080P, 720P, D1, CIF
		Multi-Stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 6Mbps@H.265/H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing		Protection Rate	TVS6000V lightning protection, Surge protection
		Bracket	Wall Mount
		Dimensions	140mm×75mm×30mm
		Weight(gross)	220g
Connectivity		Network	RJ45 (+PoE)
	Power	Input	DC Socket Input / PoE
		Output	12VDC/500mA
		Analog Video Output	CVBS(BNCx1)
		Audio	1Ch Input, 1Ch Output
		SD Card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
		RS485	Yes*
		Alarm	1Ch Input, 1Ch Output
Network		Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
		User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
		Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
		ONVIF	Yes
Others		Ethernet	100Mbps
		PoE	Yes
		Power Supply	DC12V/~300 mA / PoE/~3W (Without 12VDC consumer)
		Work Environment	-20℃~55℃, 10%~90% Humidity

*The DVS will not be recognized as a PTZ when connected to NVR/CMS.
PTZ operation are available when connecting to the DVS directly.



IP Cameras Compare Table

		Dark Sight					
		5MP		8MP			
Model Name		**DAI -251IP5VF**	**I4-251IP5VF+**	**DAI-280IP5MVF**	**I4-280IP5MVF**	**BX-252IP5**	**DMA-250IP528**
Image Sensor		1/1.8" CMOS	1/1.8" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS
(Sensor Format)		4:3	4:3	16:9	16:9	4:3	4:3
Effective Pixels		2592×1944	2592×1944	3160×2140	3160×2140	2592×1944	2592×1944
Day & Night		ICR	ICR	ICR	ICR	ICR	ICR
Minumum Illumination	**Day**	0.01lux	0.009lux	0.68lux	0.68lux	0.13lux	0.36lux
	Night	0.005lux (@F1.8, 0lux IR On)	0.003lux (@F1.8, 0lux IR On)	0.003lux (@F2.0, 0lux IR On)	0.003lux (@F2.0, 0lux IR On)	0.003lux (@F1.2, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)
Communication		Two Way Audio	Two Way Audio	Two Way Audio	Two Way Audio	Two Way Audio	Built-In Microphone (One Way)
Image Adjustment		●	●	●	●	●	●
WDR		Digital WDR	Digital WDR	Digital-WDR	Digital-WDR	True-WDR	True-WDR
BLC		—	●	●	●	●	●
HLC		—	●	●	●	●	●
HFR		—	● (1080P)	—	—	● (1080P & D-WDR)	● (1080P & D-WDR)
Noise Reduction		3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy Zone		●	●	●	●	●	●
Motion Detection		●	●	●	●	●	●
Analytics Level		—	Pro	Pro	Pro	Pro	Pro
Video Compression		H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Max Resolution		5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)
Bit rate	**H.265**	64Kbps ~ 7Mbps	64Kbps ~ 7Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps
	H.264	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps
Multi-stream		●	●	●	●	●	●
IR Distance		25m	40m	25m	40m	N/A	10m
Lens		3.3-10.5mm	3.3-10.5mm	3.3mm-12mm Motorized	3.3mm-12mm Motorized	N/A	2.8mm
Field of View		83.7°-36.7°	83.7°-36.7°	97.5-38.5°	97.5-38.5°	N/A	98°
Iris		Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	DC Iris Plug	Fixed Iris (F2.0)
Lens Mount		Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	CS Lens Mount	Φ14 mount
Protection Rate		IP66 / IK10	IP66	IP66	IP66	N/A	IP66 / IK10
Network		RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
Power		DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE
Analog Video Output		●	●	●	●	●	●
Audio Input		●	●	●	●	●	●
Audio Output		●	●	●	●	●	—
SD Card		● (Snapshots Only)	● (Video / Snapshots)	● (Video / Snapshots)	● (Video / Snapshots)	● (Video / Snapshots)	● (Video / Snapshots)
RS485		●	●	●	●	●	—
Alarm		Two Way Alarm	Two Way Alarm	Two Way Alarm	Two Way Alarm	Two Way Alarm	—
Power Supply		DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

Pro Analytics: Camera Tampering, Line Crossing, Sterile Area, Object Monitoring

Eco Analytics: Camera Tampering, Line Crossing, Sterile Area

Eye Sight

5MP

	DAI-250IP536	DAI -250IP5VF	DI-250IP528/36	DI-250IP5MVF	I1-250IP536	I3-250IP536	I4 -250IP5VF
	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS
	4:3	4:3	4:3	4:3	4:3	4:3	4:3
	2592×1944	2592×1944	2592×1944	2592×1944	2592×1944	2592×1944	2592×1944
	ICR	ICR	ICR	ICR	ICR	ICR	ICR
	0.36lux	0.36lux	0.36lux	0.36lux	0.36lux	0.36lux	0.36lux
	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)
	One Way Audio	Two Way Audio	One Way Audio	One Way Audio	One Way Audio	One Way Audio	Two Way Audio
	●	●	●	●	●	●	●
	True-WDR	True-WDR	True-WDR	True-WDR	True-WDR	True-WDR	True-WDR
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	● (1080P & D-WDR)	● (1080P & D-WDR)	● (1080P & D-WDR)	—	● (1080P & D-WDR)	● (1080P & D-WDR)	● (1080P & D-WDR)
	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	Pro	Pro	Pro	Pro	Pro	Pro	Pro
	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)
	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps
	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps
	●	●	●	●	●	●	●
	15m	25m	15m	25m	15m	30m	40m
	3.6mm	3.3-10.5mm	2.8mm / 3.6mm	3.3mm-12mm Motorized	3.6mm	3.6mm	3.3-10.5mm
	84.5°	94°-35°	98° (2.8mm) / 84.5° (3.6mm)	98-36°	84.5°	84.5°	94°-35°
	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)
	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount
	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66	IP66 / IK10	IP66 / IK10	IP66
	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	—	●	—	—	—	—	●
	● (Video / Snapshots)	● (Video / Snapshots)	—	—	—	—	● (Video / Snapshots)
	—	●	—	—	—	—	●
	—	Two Way Alarm	—	—	—	—	Two Way Alarm
	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

IP Cameras Compare Table

		Eye Sight					
		5MP		2MP			
Model Name		I4 -250IPM5VF	I8 -250IPM5VF	DMA-390IP528	DAI-390IP536	DAI-390IP5MVF	I3-390IP536
Image Sensor		1/2.5" CMOS	1/2.5" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
(Sensor Format)		4:3	4:3	16:9	16:9	16:9	16:9
Effective Pixels		2592×1944	2592×1944	1920×1080	1920×1080	1920×1080	1920×1080
Day & Night		ICR	ICR	ICR	ICR	ICR	ICR
Minumum Illumination	Day	0.36lux	0.36lux	0.022lux	0.022lux	0.022lux	0.022lux
	Night	0.009lux (@F2.0, 0lux IR On)	0.009lux (@F2.0, 0lux IR On)	0.001lux (@F1.8, 0lux IR On)	0.001lux (@F1.8, 0lux IR On)	0.001lux (@F1.8, 0lux IR On)	0.001lux (@F1.8, 0lux IR On)
Communication		Two Way Audio	Two Way Audio	Built-In Microphone (One Way)	One Way Audio	Two Way Audio	One Way Audio
Image Adjustment		•	•	•	•	•	•
WDR		True-WDR	True-WDR	True-WDR	True-WDR	True-WDR	True-WDR
BLC		•	•	•	•	•	•
HLC		•	•	•	•	•	•
HFR		–	–	–	–	–	–
Noise Reduction		3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy Zone		•	•	•	•	•	•
Motion Detection		•	•	•	•	•	•
Analytics Level		Pro	Pro	Eco	Eco	Eco	Eco
Video Compression		H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Max Resolution		5MP@25/30FPS (2592×1944)	5MP@25/30FPS (2592×1944)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)
Bit rate	H.265	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 4Mbps	64Kbps ~ 4Mbps	64Kbps ~ 4Mbps	64Kbps ~ 4Mbps
	H.264	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps
Multi-stream		•	•	•	•	•	•
IR Distance		40m	80m	10m	15m	25m	30m
Lens		3.3mm-12mm Motorized	9mm-22mm Motorized	2.8mm	3.6mm	3.3mm-12mm Motorized	3.6mm
Field of View		98-36°	24-11°	101.7°	80.3°	109.8-38.5°	80.3°
Iris		Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F1.8)
Lens Mount		Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount
Protection Rate		IP66	IP66	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66
Network		RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
Power		DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE
Analog Video Output		•	•	•	•	•	•
Audio Input		•	•	•	•	•	•
Audio Output		•	•	–	–	•	–
SD Card		• (Video / Snapshots)	• (Video / Snapshots)	• (Video / Snapshots)	• (Video / Snapshots)	• (Video / Snapshots)	–
RS485		•	•	–	–	•	–
Alarm		Two Way Alarm	Two Way Alarm	–	–	Two Way Alarm	–
Power Supply		DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

Pro Analytics: Camera Tampering, Line Crossing, Sterile Area, Object Monitoring

Eco Analytics: Camera Tampering, Line Crossing, Sterile Area

	X-Sight				
	2MP				
	I4-390IP5MVF	DI-390IPA36+	DI-390IPAVF+	I1-390IPA36+	I3-390IPAVF+
	1/2.7" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
	16:9	16:9	16:9	16:9	16:9
	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
	ICR	ICR	ICR	ICR	ICR
	0.022lux	0.005lux	0.005lux	0.005lux	0.005lux
	0.001lux (@F1.8, 0lux IR On)	0.0004lux (@F1.6, 0lux IR On)	0.0004lux (@F1.6, 0lux IR On)	0.0004lux (@F1.6, 0lux IR On)	0.0004lux (@F1.6, 0lux IR On)
	Two Way Audio	—	—	—	—
	●	●	●	●	●
	True-WDR	Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR
	●	—	—	—	—
	●	—	—	—	—
	—	—	—	—	—
	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
	●	●	●	●	●
	●	●	●	●	●
	Eco	—	—	—	—
	H.265/H.264	H.264+	H.264+	H.264+	H.264+
	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)
	64Kbps ~ 4Mbps	—	—	—	—
	128Kbps ~ 6Mbps	64Kbps ~ 4Mbps	64Kbps ~ 4Mbps	64Kbps ~ 4Mbps	64Kbps ~ 4Mbps
	●	●	●	●	●
	40m	15m	25m	15m	30m
	3.3mm-12mm Motorized	3.6mm	2.8-12mm	3.6mm	2.8-12mm
	97.9-38.5°	85.8°	95.7°-35.9°	85.8°	95.7°-35.9°
	Fixed Iris (F1.8)	Fixed Iris (F1.6)	Fixed Iris (F1.6)	Fixed Iris (F1.6)	Fixed Iris (F1.6)
	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount
	IP66 / IK10	IP66	IP66	IP66	IP66
	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE
	●	—	—	—	—
	●	—	—	—	—
	●	—	—	—	—
	● (Video / Snapshots)	—	—	—	—
	●	—	—	—	—
	Two Way Alarm	—	—	—	—
	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

IP Cameras Compare Table

		S-Sight					
		4MP					
Model Name		**DI-340IP5S28**	**DI-340IP5S36**	**DI-340IP5SMVF**	**I1-340IP5S36**	**I3-340IP5SVF**	**I3-340IP5SMVF**
Image Sensor		1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
(Sensor Format)		16:9	16:9	16:9	16:9	16:9	16:9
Effective Pixels		2592×1520	2592×1520	2592×1520	2592×1520	2592×1520	2592×1520
Day & Night		ICR	ICR	ICR	ICR	ICR	ICR
Minumum Illumination	**Day**	0.045lux	0.045lux	0.045lux	0.045lux	0.045lux	0.045lux
	Night	0.01lux (@F1.8, 0lux IR On)	0.01lux (@F1.8, 0lux IR On)	0.01lux (@F1.8, 0lux IR On)	0.01lux (@F1.8, 0lux IR On)	0.01lux (@F1.8, 0lux IR On)	0.01lux (@F1.8, 0lux IR On)
Communication		—	—	—	—	—	—
Image Adjustment		•	•	•	•	•	•
WDR		Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR
BLC		—	—	—	—	—	—
HLC		—	—	—	—	—	—
HFR		—	—	—	—	—	—
Noise Reduction		3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy Zone		•	•	•	•	•	•
Motion Detection		•	•	•	•	•	•
Analytics Level		Eco	Eco	Eco	Eco	Eco	Eco
Video Compression		H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Max Resolution		4MP@20FPS (2592×1520)	4MP@20FPS (2592×1520)	4MP@20FPS (2592×1520)	4MP@20FPS (2592×1520)	4MP@20FPS (2592×1520)	4MP@20FPS (2592×1520)
Bit rate	**H.265**	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps
	H.264	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps
Multi-stream		•	•	•	•	•	•
IR Distance		15m	15m	25m	15m	30m	30m
Lens		3.6mm	3.6mm	3.3-12mm Motorized	3.6mm	3.3-12mm Motorized	3.3-12mm Motorized
Field of View		107°	84°	81°-31°	84°	81°-31°	81°-31°
Iris		Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F1.8)	Fixed Iris (F1.8)
Lens Mount		Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount
Protection Rate		IP66	IP66	IP66	IP66	IP66	IP66
Network		RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
Power		DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE
Analog Video Output		—	—	—	—	—	—
Audio Input		—	—	—	—	—	—
Audio Output		—	—	—	—	—	—
SD Card		—	—	—	—	—	—
RS485		—	—	—	—	—	—
Alarm		—	—	—	—	—	—
Power Supply		DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

Pro Analytics: Camera Tampering, Line Crossing, Sterile Area, Object Monitoring

Eco Analytics: Camera Tampering, Line Crossing, Sterile Area

3MP				
	DI-330IPS36	DI-330IPSVF	I1-330IPS36	I3-330IPSVF
	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
	4:3	4:3	4:3	4:3
	2048×1536	2048×1536	2048×1536	2048×1536
	ICR	ICR	ICR	ICR
	0.06ux	0.06ux	0.06ux	0.06ux
	0.04lux (@F2.0, 0lux IR On)	0.04lux (@F2.0, 0lux IR On)	0.04lux (@F2.0, 0lux IR On)	0.04lux (@F2.0, 0lux IR On)
	–	–	–	–
	•	•	•	•
	Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR
	–	–	–	–
	–	–	–	–
	–	–	–	–
	3D-DNR	3D-DNR	3D-DNR	3D-DNR
	•	•	•	•
	•	•	•	•
	–	–	–	–
	H.264	H.264	H.264	H.264
	3MP@25/30FPS (2048×1536)	3MP@25/30FPS (2048×1536)	3MP@25/30FPS (2048×1536)	3MP@25/30FPS (2048×1536)
	–	–	–	–
	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps
	•	•	•	•
	15m	25m	15m	30m
	3.6mm	3-11mm	3.6mm	3-11mm
	90°	72°-27°	90°	72°-27°
	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)
	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount
	IP66	IP66	IP66	IP66
	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE
	–	–	–	–
	–	–	–	–
	–	–	–	–
	–	–	–	–
	–	–	–	–
	–	–	–	–
	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

IP Cameras Compare Table

		S-Sight					
		2MP					
Model Name		DI-390IPS28	DI-390IPS36	DI-390IPSVF	DI-390IPS36	I3-390IPSVF	
Image Sensor		1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	
(Sensor Format)		16:9	16:9	16:9	16:9	16:9	
Effective Pixels		1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	
Day & Night		ICR	ICR	ICR	ICR	ICR	
Minumum Illumination	Day	0.1lux	0.1lux	0.1lux	0.1lux	0.1lux	
	Night	0.03lux (@F2.0, 0lux IR On)	0.03lux (@F2.0, 0lux IR On)	0.03lux (@F2.0, 0lux IR On)	0.03lux (@F2.0, 0lux IR On)	0.03lux (@F2.0, 0lux IR On)	
Communication		—	—	—	—	—	
Image Adjustment		•	•	•	•	•	
WDR		Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR	Digital-WDR	
BLC		—	—	—	—	—	
HLC		—	—	—	—	—	
HFR		—	—	—	—	—	
Noise Reduction		3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	
Privacy Zone		•	•	•	•	•	
Motion Detection		•	•	•	•	•	
Analytics Level		—	—	—	—	—	
Video Compression		H.264	H.264	H.264	H.264	H.264	
Max Resolution		2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	2MP@25/30FPS (1920×1080)	
Bit rate	H.265	—	—	—	—	—	
	H.264	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	
Multi-stream		•	•	•	•	•	
IR Distance		15m	15m	25m	15m	30m	
Lens		3.6mm	3.6mm	2.8-12mm	3.6mm	2.8-12mm	
Field of View		118°	91°	92°-34°	91°	92°-34°	
Iris		Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Fixed Iris (F2.0)	
Lens Mount		Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	
Protection Rate		IP66	IP66	IP66	IP66	IP66	
Network		RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	
Power		DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	DC Socket / PoE	
Analog Video Output		—	—	—	—	—	
Audio Input		—	—	—	—	—	
Audio Output		—	—	—	—	—	
SD Card		—	—	—	—	—	
RS485		—	—	—	—	—	
Alarm		—	—	—	—	—	
Power Supply		DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	

Pro Analytics: Camera Tampering, Line Crossing, Sterile Area, Object Monitoring

Eco Analytics: Camera Tampering, Line Crossing, Sterile Area

Special Solutions

2MP		6MP	4MP	
BX-291IP5	MC-392IP543	FEI-360IP5	Model Name	DVS-IP5-4
1/1.9" CMOS	1/3" CMOS	1/2.9" CMOS	Signal Input	AHD - Up to 4MP / CVI/TVI - Up to 2MP / CVBS
16:9	16:9	1:1	Image Format	16:9
1920×1080	1920×1080	2160×2160	Max Resolution	2560×1440
ICR	ICR	ICR	Day & Night	Supported
0.0028lux	0.04lux	0.04lux	Minumum Illumination Day	Depends on Camera
0.0003lux (@F1.4, 0lux IR On)	0.01lux (@F2.0, 0lux IR On)	0.01lux (@F2.0, 0lux IR On)	Night	Depends on Camera
Two Way Audio	Built-In Microphone (One Way)	Built-In Microphone (Two Way)	Communication	Two Way Audio
●	●	●	Image Adjustment	●
True-WDR	Digital-WDR	Digital-WDR	WDR	Depends on Camera
●	●	●	BLC	Depends on Camera
●	●	●	HLC	Depends on Camera
—	—	—	HFR	—
3D-DNR	3D-DNR	3D-DNR	Noise Reduction	Depends on Camera
●	●	●	Privacy Zone	●
●	●	●	Motion Detection	●
Pro	—	—	Analytics Level	Pro
H.265/H.264	H.265/H.264	H.265/H.264	Video Compression	H.265/H.264
2MP@25/30FPS (1980×1080)	2MP@25/30FPS (1920×1080)	5MP@25/30FPS (2160×2160)	Max Resolution	4MP@25/30FPS (2560×1440)
64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	Bit rate H.265	64Kbps ~ 6Mbps
128Kbps ~ 12Mbps	128Kbps ~ 12Mbps	64Kbps ~ 10Mbps	H.264	64Kbps ~ 6Mbps
●	●	●	Multi-stream	●
N/A	N/A	15m	IR Distance	Depends on Camera
N/A	3.6mm	1.07mm	Lens	Depends on Camera
N/A	62°	360° - Ceiling / 180° - Wall	Field of View	Depends on Camera
DC Iris Plug	Fixed Iris (F2.0)	Fixed Iris (F2.0)	Iris	Depends on Camera
CS Lens Mount	Φ14 mount	Φ14 mount	Lens Mount	Depends on Camera
N/A	N/A	IP66 / IK10	Protection Rate	N/A
RJ45 (+PoE)	RJ45	RJ45 (+PoE)	Network	RJ45 (+PoE)
DC Socket / PoE	DC Socket	DC Socket / PoE	Power	DC Socket / PoE + Output (12VDC/500mA Max)
●	●	●	Analog Video Output	●
●	Built-In Microphone	Built-In Microphone + Ouput	Audio Input	●
●	—	●	Audio Output	●
● (Video / Snapshots)	● (Video / Snapshots)	● (Video / Snapshots)	SD Card	● (Video / Snapshots)
●	—	●	RS485	●
Two Way Alarm	—	Two Way Alarm	Alarm	Two Way Alarm
DC12V/AC24V/PoE	DC12V	DC12V/PoE	Power Supply	DC12V/PoE

IP Based Solution Series

IP PTZ

Ultra-Z IP
Network IR PTZ Camera

The IP Ultra–Z IR PTZ gives you the versatility of an IP camera while preserving all the best features of the Ultra–Z series: It's faster, more accurate and its video performance is better than ever even in complete darkness!

Available with 2 zoom ratios options (x30 & x20), the IP Ultra–Z series will give you the desired versatility when designing video surveillance system for any scene.

Ultra-Z IP Main Advantages

Ultra-Versatile
Featuring IP capabilities, upgradable ONVIF protocol, two–way audio, in/out alarm, dual videos stream and advanced H.264 compression, making it compatible with almost all installation scenarios.

Ultra-Reachable
By supporting ONVIF and other common network protocols the IP Ultra–Z can communicate with dozens of monitoring softwares and NVRs. Moreover, it has a built–in web–client for viewing, controlling and configuring the camera locally and remotely.

Ultra-Bright
Equipped with smart IR LED array that reaches 100m–150m (depending on model), this camera will be able to handle even pitch–black scenes and give you superb results.

Ultra-Accurate
Ultra–Z high–speed series performs an outstanding "preset" accuracy of up to 0.1° due to the unique micro–step technology.

Ultra-Rugged
The Ultra–Z has an ingress rating of IP66 against rain and dust that allows it to withstand the tough environmental conditions for any outdoor installation.

True Day & Night (ICR)
All Ultra–Z cameras come with removable IR cut filters, to improve low light performance.

High Resolution
Ultra–Z cameras perform at a Full HD high definition resolution of 1080P.

Mini-Bullet IP PTZ
Economic Solution When PTZ Is Needed For the Right Price

The Mini–Bullet IP PTZ gives you the versatility of an IP PTZ camera just with an economic design. It is made of plastic, fitted with slower motors and shorter zoom ratios

It is available with 2 zoom ratios options (x4 & x10) to give more versatility when choosing the right solution.

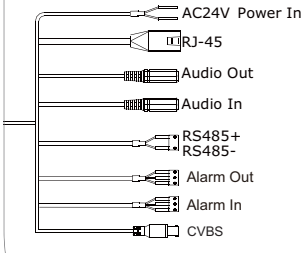
ULTRA-Z IP

Z-20IP-3(IR)
Z-20IPE-2(IR)+

Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- G.711U Audio Compression
- 2 Way Audio
- Alarm (I/O): 1 Input /1 Output
- RS-485 Connectivity
- 100m IR Distance
- Preset speed of 350°/Sec (max)
- Preset accuracy up to 0.1°
- Endless 360° Pan Rotation
- 180° Continuous Tilt with Auto Flip
- 256 Preset Position
- 4 Pattern, 8 Scan Routes and 8 Cruise Lanes
- Park Action
- Fully function web-client
- 3D-DNR Noise Reduction
- Digital WDR
- IP66 Water-proof and Dust-proof
- Excellent High Resolution Picture Quality
- True Day/Night with ICR Filter
- WB/BLC/AGC

Cable Connectors Sketch



Specifications

		Model	Z-20IP-3 (IR)	Z-20IPE-2 (IR)+
Camera	Video	Image Sensor	1/2.8" CMOS	
		Effective Pixels	2048×1536	1920×1080
		Sync System	Progressive Scan	
		Electronic Shutter	1/25s ~ 1/10000s	
		Day & Night	ICR (Auto/Day/Night)	
		Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)	
		S/N Ratio	>52dB	
	Lens	Optical Zoom	x20 (F1.6~4.7mm - F3.5~97mm)	
		Digital Zoom	x12	
		Focus	Auto / Manual	
		Minimum Focus Distance	1m	
		Horizontal Angle of View	54.1° (Wide) ~ 2.8° (Tele)	
	Audio	Audio compression	G.711-U	
		Communication	Two Way Audio	
	Image Enhancement	Image Settings	AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable	
		BLC	Yes	
		Sense-Up	Yes (5 Levels)	
		WDR Range	Digital WDR	
		Noise Reduction	3D-DNR	
		Image Orientation	Mirror/Flip	
		Privacy Zone	Yes	
		Motion Detection	Yes	
Compression		Video Compression	H.264 Main Profile	
		Resolution	Main Stream: 3MP, 1080P Sub-Stream: D1, CIF	Main Stream: 1080P, 720P Sub-Stream: D1, CIF
		Multi-stream	3MP* (1~30fps) 1080P (1~30fps) 720P** (1~30fps) D1 (1~30fps) / CIF (1~30fps)	
		Bit rate	64Kbps ~ 8Mbps	
		Encode Mode	VBR/CBR	
		Image Quality	Six levels under VBR; Free adjustment under CBR	

Network	Remote Monitoring	IE Browsing, CMS 3.x Control Software
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTP, RTSP, UPnP, SNMP, PPPoE, DNS, DDNS, SMTP, FTP, HTTP, IPv4, IPv6
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	No
Pan/Tilt	Pan/Tilt Range	360° (Endless) / -10°~180° (Auto Flip)
	Pan/Tilt Speed	Max Preset Speed: Horizontal: 350°/s, Vertical: 120°/s Horizontal: 0.01°/s - 350°/s,Vertical: 0.01°/s - 120°/s
	Presets	256
	Patterns	4
	Cruise	8
	Scan	8
	Schedule	Yes
Housing	IR Distance	100m
	Water-proof	IP66
	Wiper	No
	Fan & Heater	Yes (Automatic / Manual Operation)
	Bracket	Wall Bracket
	Dimensions	354L×341H×228W
	Weight(gross)	5.8Kg
Connectivity	Network	RJ45
	Power	DC Socket
	Analog Video Output	Yes
	Audio Connectivity	1Ch In / 1Ch Out
	SD Card	No
	RS485	Yes
	Alarm	1Ch In / 1Ch Out
Others	Power Supply	AC24V/3A
	Work Environment	-35℃~50℃, 10%~90% Humidity

*Z-20IP-3(IR) Model Only. **Z-20IPE-2(IR) Model Only.

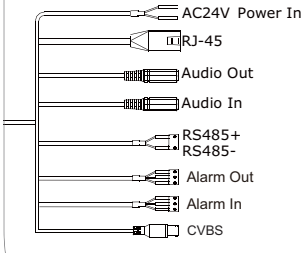
ULTRA-Z IP

Z-30IP-3(IR)
Z-30IPE-2(IR)+

Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- G.711U Audio Compression
- 2 Way Audio
- Alarm (I/O): 1 Input /1 Output
- RS-485 Connectivity
- 150m IR Distance
- Preset speed of 350°/Sec (max)
- Preset accuracy up to 0.1°
- Endless 360° Pan Rotation
- 180° Continuous Tilt with Auto Flip
- 256 Preset Position
- 4 Pattern, 8 Scan Routes and 8 Cruise Lanes
- Park Action
- Fully function web-client
- 3D-DNR Noise Reduction
- Digital WDR
- IP66 Water-proof and Dust-proof
- Excellent High Resolution Picture Quality
- True Day/Night with ICR Filter
- WB/BLC/AGC

Cable Connectors Sketch



Specifications

		Model	Z-30IP-3 (IR)	Z-30IPE-2 (IR)+
Camera	Video	Image Sensor	1/2.8" CMOS	
		Effective Pixels	2048×1536	1920×1080
		Sync System	Progressive Scan	
		Electronic Shutter	1/25s ~ 1/30000s	
		Day & Night	ICR (Auto/Day/Night)	
		Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)	
		S/N Ratio	>52dB	
	Lens	Optical Zoom	x30 (F1.6~4.3mm - F5~129mm)	
		Digital Zoom	x12	
		Focus	Auto / Manual	
		Minimum Focus Distance	1m	
		Horizontal Angle of View	58.3° (Wide) ~ 2.1° (Tele)	
	Audio	Audio compression	G.711-U	
		Communication	Two Way Audio	
	Image Enhancement	Image Settings	AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable	
		BLC	Yes	
		Sense-Up	Yes (5 Levels)	
		WDR Range	Digital WDR	
		Noise Reduction	3D-DNR	
		Image Orientation	Mirror/Flip	
		Privacy Zone	Yes	
		Motion Detection	Yes	
Compression		Video Compression	H.264 Main Profile	
		Resolution	Main Stream: 3MP, 1080P Sub-Stream: D1, CIF	Main Stream: 1080P, 720P Sub-Stream: D1, CIF
		Multi-stream	3MP* (1~30fps) 1080P (1~30fps) 720P** (1~30fps) D1 (1~30fps) / CIF (1~30fps)	
		Bit rate	64Kbps ~ 8Mbps	
		Encode Mode	VBR/CBR	
		Image Quality	Six levels under VBR; Free adjustment under CBR	

Network	Remote Monitoring	IE Browsing, CMS 3.x Control Software
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTP, RTSP, UPnP, SNMP, PPPoE, DNS, DDNS, SMTP, FTP, HTTP, IPv4, IPv6
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	No
Pan/Tilt	Pan/Tilt Range	360° (Endless) / -10°~180° (Auto Flip)
	Pan/Tilt Speed	Max Preset Speed: Horizontal: 350°/s, Vertical: 120°/s Horizontal: 0.01°/s - 350°/s,Vertical: 0.01°/s - 120°/s
	Presets	256
	Patterns	4
	Cruise	8
	Scan	8
	Schedule	Yes
Housing	IR Distance	150m
	Water-proof	IP66
	Wiper	No
	Fan & Heater	Yes (Automatic / Manual Operation)
	Bracket	Wall Bracket
	Dimensions	354L×341H×228W
	Weight(gross)	5.8Kg
Connectivity	Network	RJ45
	Power	DC Socket
	Analog Video Output	Yes
	Audio Connectivity	1Ch In / 1Ch Out
	SD Card	No
	RS485	Yes
	Alarm	1Ch In / 1Ch Out
Others	Power Supply	AC24V/3A
	Work Environment	-35℃~50℃, 10%~90% Humidity

*Z-30IP-3(IR) Model Only. **Z-30IPE-2(IR) Model Only.

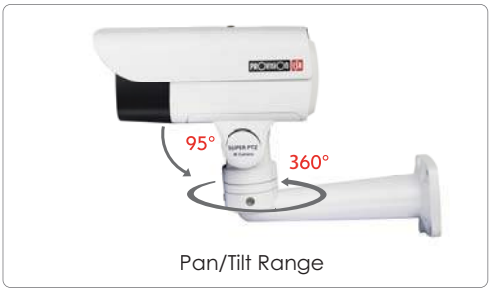
PTZ IR BULLET CAMERA

I10PT-330IPX20
I10PT-390IPX20

X20

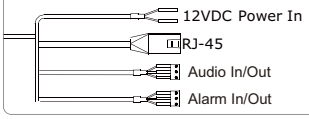
Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- G.711U Audio Compression
- 2 Way Audio
- Alarm (I/O): 1 Input /1 Output
- 100m IR Distance (Depends on model)
- Preset speed of 80°/Sec (max)
- Preset accuracy up to 0.1°
- Endless 360° Pan Rotation
- 95° Tilt
- 255 Preset Position
- 4 Pattern, 8 Scan Routes and 8 Cruise Lanes
- Park Action
- Fully function web-client
- 3D-DNR Noise Reduction
- Digital WDR
- IP66 Water-proof and Dust-proof
- Excellent High Resolution Picture Quality
- True Day/Night with ICR Filter
- WB/BLC/AGC



Pan/Tilt Range

Cable Connectors Sketch



Specifications

		Model	I10PT-330IPX20	I10PT-390IPX20
Camera	Video	Image Sensor	1/2.9" CMOS	
		Effective Pixels	2048×1536	1920×1080
		Sync System	Progressive Scan	
		Electronic Shutter	1/25s ~ 1/10000s	
		Day & Night	ICR (Auto/Day/Night)	
		Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)	
		S/N Ratio	>52dB	
	Lens	Optical Zoom	x20 (F1.6~4.7mm - F3.5~97mm)	
		Digital Zoom	x12	
		Focus	Auto / Manual	
		Minimum Focus Distance	1m	
		Horizontal Angle of View	H: 55.8°(Wide) to 3.2°(Tele)	
	Audio	Audio compression	G.711-U	
		Communication	Two Way Audio	
	Image Enhancement	Image Settings	AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable	
		BLC	Yes	
		Sense-Up	Yes (5 Levels)	
		WDR Range	Digital WDR	
		Noise Reduction	3D-DNR	
		Image Orientation	Mirror/Flip	
		Privacy Zone	Yes	
		Motion Detection	Yes	
Compression		Video Compression	H.264 Main Profile	
		Resolution	Main Stream: 3MP, 1080P Sub-Stream: D1, CIF	Main Stream: 1080P, 720P Sub-Stream: D1, CIF
		Multi-stream	3MP* (1~30fps) 1080P (1~30fps) 720P** (1~30fps) D1 (1~30fps) / CIF (1~30fps)	
		Bit rate	64Kbps ~ 8Mbps	
		Encode Mode	VBR/CBR	
		Image Quality	Six levels under VBR; Free adjustment under CBR	

*I10PT-330X20 Model Only. **I10PT-390X20 Model Only.

Network	Remote Monitoring	IE Browsing, CMS 3.x Control Software
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTP, RTSP, UPnP, SNMP, PPPoE, DNS, DDNS, SMTP, FTP, HTTP, IPv4, IPv6
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	No
Pan/Tilt	Pan/Tilt Range	360° Pan (From 0° Tilt level) / 95° Tilt
	Pan/Tilt Speed	Max Preset Speed: Tilt: 80°/s Pan: 20°/s Manual: Tilt: 0.5~80°/s Pan: 0.5~20°/s (Proprtional to Zoom)
	Presets	255
	Patterns	4
	Cruise	4 Groups (Non-Configurable)
	Scan	Yes
	Schedule	No
Housing	IR Distance	100m
	Water-proof	IP66
	Wiper	No
	Fan & Heater	No
	Bracket	Wall Bracket
	Dimensions	380*262*128mm
	Weight(gross)	2.9Kg
Connectivity	Network	RJ45
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	1Ch In / 1Ch Out
	SD Card	No
	RS485	No
	Alarm	1Ch In / 1Ch Out
Others	Power Supply	12VDC/3A (Not supplied)
	Work Environment	-20℃~50℃, 10%~90% Humidity

PAN/TILT IR BULLET CAMERA WITH MOTORIZED VF LENS

I5PT-340IPX10

IP SOLUTION 4MP

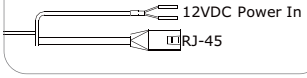
4MP | ICR | 0 Lux Minimum Illumination | ONVIF | D WDR | 3D-DNR | 50 M View | IP66 Protection Rating | DDNS | CMS | Internet Monitoring

Pan/Tilt Range

Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- 50m IR Distance
- Preset speed of 12°/Sec (max)
- Preset accuracy up to 0.1°
- 250° Pan Rotation
- 65° Continuous Tilt
- 255 Preset Position
- 4 Pattern, Scan Route and 4 Cruise Lanes
- Park Action
- Fully function web-client
- 3D-DNR Noise Reduction
- Digital WDR
- IP66 Water-proof and Dust-proof
- Excellent High Resolution Picture Quality
- True Day/Night with ICR Filter
- Enhanced Noise Reduction
- WB/BLC/AGC

Cable Connectors Sketch



Specifications

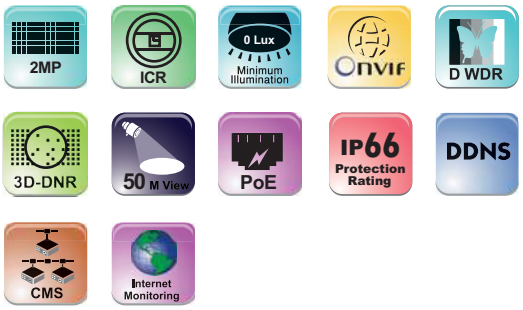
Camera	Video	Model	I5PT-340IPX10
		Image Sensor	1/3" CMOS
		Effective Pixels	2560×1440
		Sync System	Progressive Scan
		Electronic Shutter	1/25s ~ 1/30000s
		Day & Night	ICR (Auto/Day/Night)
		Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)
		S/N Ratio	>52dB
	Lens	Optical Zoom	x10 (4.7-47mm)
		Digital Zoom	Yes (x2-x16)
		Focus	Auto / Manual
		Minimum Focus Distance	1.5m
		Horizontal Angle of View	H: 54.1°(Wide) to 5.8°(Tele)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable
		BLC	Yes
		Sense-Up	Yes (5 Levels)
		WDR Range	Digital WDR
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression		Video Compression	H.264 Main Profile
		Resolution	Main Stream: 4MP, 3MP, 2MP (1080P) Sub-Stream: D1, CIF
		Multi-stream	4MP (1~30fps) 3MP (1~30fps) 3MP (1~30fps) D1 (1~30fps) / CIF (1~30fps)
		Bit rate	64Kbps ~ 8Mbps
		Encode Mode	VBR/CBR
		Image Quality	Six levels under VBR; Free adjustment under CBR

Network	Remote Monitoring	IE Browsing, CMS 3.x Control Software
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTP, RTSP, UPnP, PPPoE, DNS, DDNS, SMTP, FTP, HTTP, IPv4, IPv6
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	No
Pan/Tilt	Pan/Tilt Range	250° Pan / 65° Tilt
	Pan/Tilt Speed	Max Preset Speed: 12°/s Manual: 0.5°~12°/Sec (Proprtional to Zoom)
	Presets	255
	Patterns	4
	Cruise	4 Groups (Non-Configurable)
	Scan	Yes
	Schedule	No
Housing	IR Distance	50m
	Water-proof	IP66
	Wiper	No
	Fan & Heater	No
	Bracket	Wall Bracket
	Dimensions	225*175*94mm
	Weight(gross)	920gr
Connectivity	Network	RJ45
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Others	Power Supply	12VDC/2A (Not supplied)
	Work Environment	-20℃~50℃, 10%~90% Humidity

PAN/TILT IR BULLET CAMERA WITH MOTORIZED VF LENS

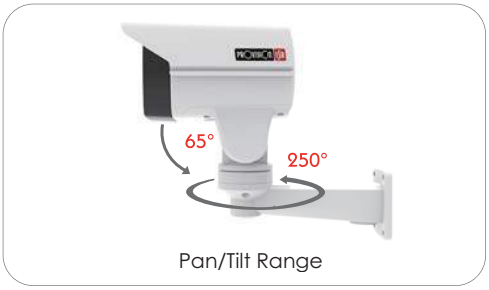
I5PT-390IPX10-P
I5PT-390IPX4-P

IP SOLUTION 2MP



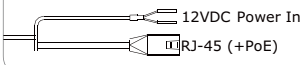
Main Features:

- ONVIF
- PoE Support
- Dual Video Stream
- H.264 Video Compression
- 50m IR Distance
- Preset speed of 12°/Sec (max)
- Preset accuracy up to 0.1°
- 250° Pan Rotation
- 65° Continuous Tilt
- 256 Preset Position
- 4 Pattern, Scan Route and 4 Cruise Lanes
- Park Action
- Fully function web-client
- 3D-DNR Noise Reduction
- Digital WDR
- IP66 Water-proof and Dust-proof
- Excellent High Resolution Picture Quality
- True Day/Night with ICR Filter
- Enhanced Noise Reduction
- WB/BLC/AGC



Pan/Tilt Range

Cable Connectors Sketch



Specifications

		Model	I5PT-390IPX10-P	I5PT-390IPX4-P
Camera	Video	Image Sensor	1/2.9" CMOS	
		Effective Pixels	1920×1080	
		Sync System	Progressive Scan	
		Electronic Shutter	1/25s ~ 1/10000s	
		Day & Night	ICR (Auto/Day/Night)	
		Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)	
		S/N Ratio	>52dB	
	Lens	Optical Zoom	x10 (5.1-51mm)	x4 (2.8-12mm)
		Digital Zoom	No	
		Focus	Auto / Manual	
		Minimum Focus Distance	1.5m	
		Horizontal Angle of View	H: 50.4°(Wide) to 5.4°(Tele)	81.2°(Wide) to 22.6°(Tele)
	Audio	Audio compression	No	
		Communication	No	
	Image Enhancement	Image Settings	AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable	
		BLC	Yes	
		Sense-Up	Yes (5 Levels)	
		WDR Range	Digital WDR	
		Noise Reduction	3D-DNR	
		Image Orientation	Mirror/Flip	
		Privacy Zone	Yes	
		Motion Detection	Yes	
Compression		Video Compression	H.264 Main Profile MJPEG/JPEG Baseline	
		Resolution	Main Stream: 1080P, 720P Sub-Stream: D1, CIF	
		Multi-stream	1920x1280 (1~30fps) 1280x720（1~30fps） D1（1~30fps） / CIF（1~30fps）	
		Bit rate	64Kbps ~ 8Mbps	
		Encode Mode	VBR/CBR	
		Image Quality	Six levels under VBR; Free adjustment under CBR	

Network	Remote Monitoring	IE Browsing, CMS 3.x Control Software
	User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission
	Network Protocol	TCP/IP, UDP, DHCP, NTP, RTP, RTSP, UPnP, SNMP, PPPoE, DNS, DDNS, SMTP, FTP, HTTP, IPv4, IPv6
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	Yes
Pan/Tilt	Pan/Tilt Range	250° Pan / 65° Tilt
	Pan/Tilt Speed	Max Preset Speed: 12°/s Manual: 0.5°~12°/Sec (Proprtional to Zoom)
	Presets	255
	Patterns	4
	Cruise	4 Groups (Non-Configurable)
	Scan	Yes
	Schedule	No
Housing	IR Distance	50m
	Water-proof	IP66
	Wiper	No
	Fan & Heater	No
	Bracket	Wall Bracket
	Dimensions	225*175*94mm
	Weight(gross)	920gr
Connectivity	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	No
	RS485	No
	Alarm	No
Others	Power Supply	12VDC/2A (Not supplied)
	Work Environment	-20℃~50℃, 10%~90% Humidity

IP Based Solution Series

NVRs

In standard installations - the NVR will be the heart of the IP System. It is responsible for the constant recording of all the data received from the connected cameras. Unlike DVRs, the NVR doesn't compress the video signal received from the IP camera but only stores it in the same way as it was compressed by the camera.

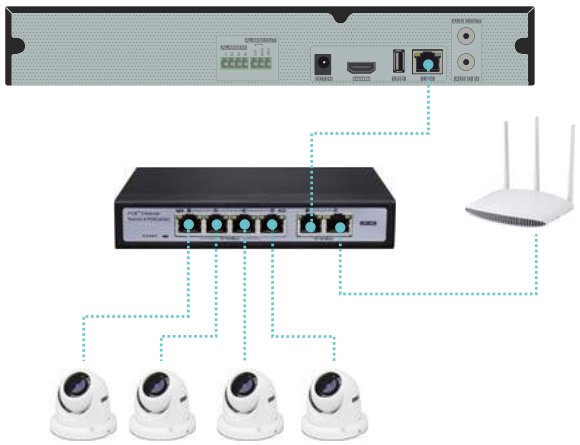
All of our NVRs support ONVIF that can be upgraded when newer versions are released. ONVIF is a communication protocol for IP
cameras and NVRs. It became the standard protocol and assists IP cameras and NVRs from different companies to be able to interact with each other simply and effectively. Our engineers keep improving and updating the ONVIF compatibility of our IP equipment in order to give the installers the easiest way of working with Provision-ISR IP Products.

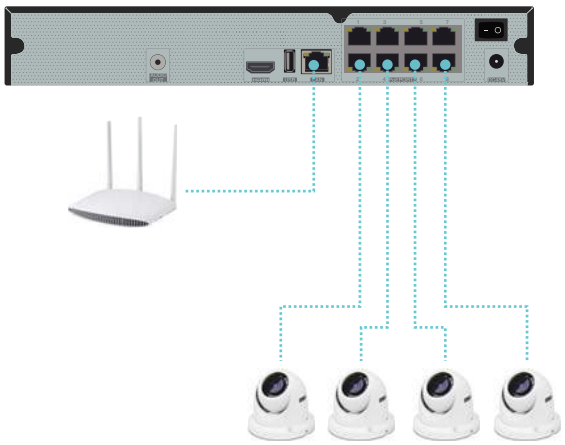
Conventional NVRs

This line of NVRs is connected to the network and communicates with the IP cameras through the general network, without the need of direct IP camera connection. This provides the installer highest flexibility in the design of the system and the wiring. Basic knowledge in networking and general IP configuration is required.

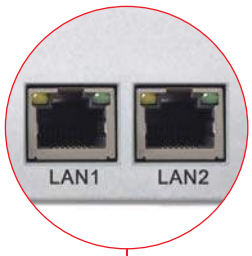
PoE NVRs

This line of NVRs performs as a local network switch by creating a closed internal network for the IP cameras. The IP cameras will be connected directly to the NVR by network cables which will provide PoE. Once powered on, the NVR will automatically configure the camera for display & record. These NVRs may also perform as conventional NVRs. No previous knowledge is required for this type of installation.



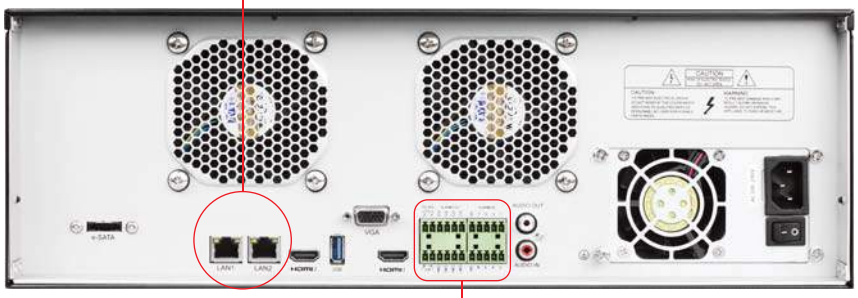


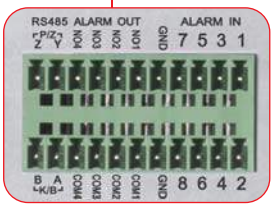
Special Features
(Selected models only):



Dual Network

Designed to increase the NVR reachability (being connected to 2 independant networks on a given time) or to increase durability and reliability (By being connected to 2 identical networks)





Advanced Connectivity

All NVRs will adapt the advanced connectivity (Alarms/Audio) from the IP cameras.
Some NVRs support integral advanced connectivity to connect controllers and other required equipment.

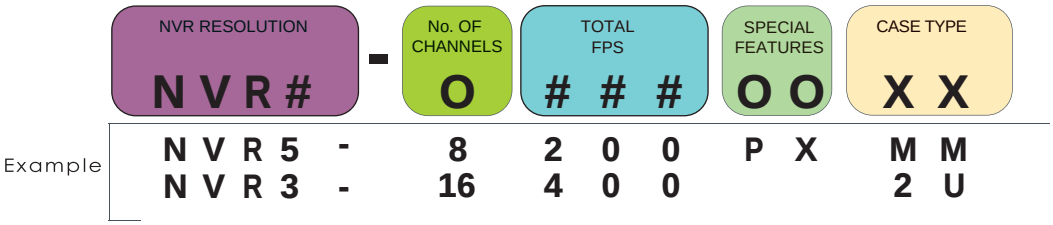
E-SATA

E–SATA (External SATA) can be used to increase the NVR storage capacity and to created external safe storage of your recording.

Triple Display with Dual Layout

NVRs with this feature allows you to connect up to 3 monitors to the NVR (2 HDMI + 1 VGA), with ultra high resolution of up to 4K, that will allow you to trully enjoy the high resolution from the IP Cameras. Through the Ossia you will be able to simply set the desired display to the required monitor.

NVR Model Name Index



NVR Resolution

Symbol	Description
NVR3	4MP Real-Time
NVR5	8/5MP Real-Time*

No. of Channels

Symbol	Description
4	4 Channels
8	8 Channels
16	16 Channels
32	32 Channels
64	64 Channels
128	128 Channels

Total FPS

Symbol	Description
50	50 FPS (PAL) / 60 FPS (NTSC)
100	100 FPS (PAL) / 120 FPS (NTSC)
200	200 FPS (PAL) / 240 FPS (NTSC)
400	400 FPS (PAL) / 480 FPS (NTSC)
800	800 FPS (PAL) / 960 FPS (NTSC)
1600	1600 FPS (PAL) / 1920 FPS (NTSC)

Special Features

Symbol	Description
X	Economy Series
P	PoE Support
E	H.264 Economy Series

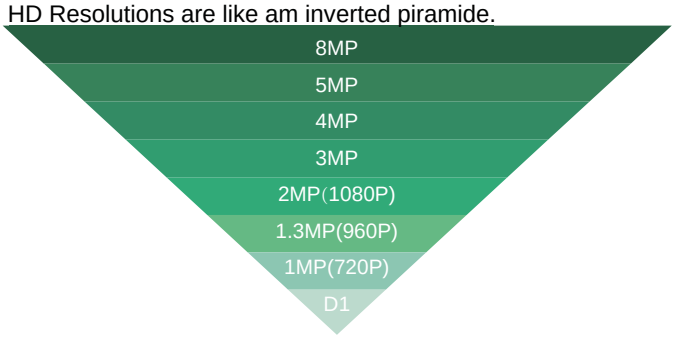
Case Type

Symbol	Description
"None"	Small 1U Case - 1HDD Support
MM	Mini Metal Case - 1HDD Support
1U	1U Case - 2HDD Support
1.5U	1.5U Case - 4HDD Support
2U	2U Case - 8HDD Support
3U	3U Case - 24HDD Support

*Max resolution - 5MP for Economy series.

Understanding the Resolution Markings

HD Resolutions are like am inverted piramide.



If a NVR supports a resolution from the top of the piramide, it will support all resolutions lower than it. For example if a NVR supports 3MP (Real-Time) it will support 2MP, 1.3MP and 1MP (Real-Time)

Model Names (Model Name Starting with):
NVR - 720P Real-Time
NVR2 - 1080P Real-Time
NVR3 - 4MP Real-Time
NVR5 - 8/5MP Real-Time

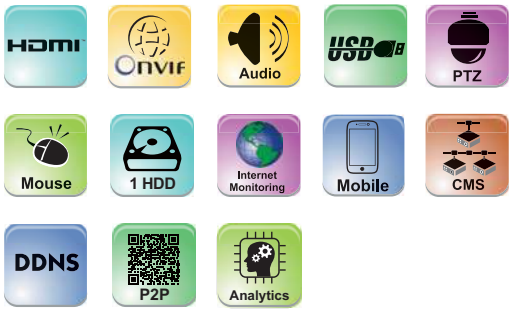
The first supported resolution from the left is real time for all channels. All the following resolutions are non-real-time or real-time for some of the channels.

The Marked supported resolution and all the resolutions below are real-time for all channels Higher resolutions are not supported.

4CH NVR

NVR5-4100E(MM)

5MP



MODEL		NVR5-4100E(MM)
Video	Input	4CH Over Network
	Output	HDMI / VGA (1080P, 1280x1024, 1024x768)
	Decoding Format	H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	32Mbps
	Outgoing	32Mbps
Recording	Real-Time Recording	4CH 5MP Real-Time
	8MP	No
	5MP	120FPS (NTSC)/100FPS (PAL)
	4MP	120FPS (NTSC)/100FPS (PAL)
	3MP	120FPS (NTSC)/100FPS (PAL)
	2MP (1080P)	120FPS (NTSC)/100FPS (PAL)
	1.3MP (960P) and lower	120FPS (NTSC)/100FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	4CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 4CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	1 SATA (6TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/2A
	Power Consumption (No HDD)	5W
	Dimention	W255xD220xH45mm
	Operation Temperature	0°C ~50°C

4CH PoE NVR

NVR5-4100PX

5MP

MODEL		NVR5-4100PX
Video	Input	4CH RJ45 Direct Connection / Over Network
	Output	HDMI (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - 2MP
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	40Mbps
	Outgoing	40Mbps
Recording	Real-Time Recording	4CH 5MP Real-Time
	8MP	No
	5MP	120FPS (NTSC)/100FPS (PAL)
	4MP	120FPS (NTSC)/100FPS (PAL)
	3MP	120FPS (NTSC)/100FPS (PAL)
	2MP (1080P)	120FPS (NTSC)/100FPS (PAL)
	1.3MP (960P) and lower	120FPS (NTSC)/100FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	4CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 4CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	1 SATA (8TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	Yes (4CH)
	Interface	10/100Mbps
	Standard	IEEE802.3AF
	Total Power	50W (Average 12.5W per Channel)
	Max. Power Output (Per Ch.)	~14W
Others	Power Supply	DC48V/1.04A
	Power Consumption (No HDD)	5W
	Dimention	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

4CH NVR

NVR5-4100X

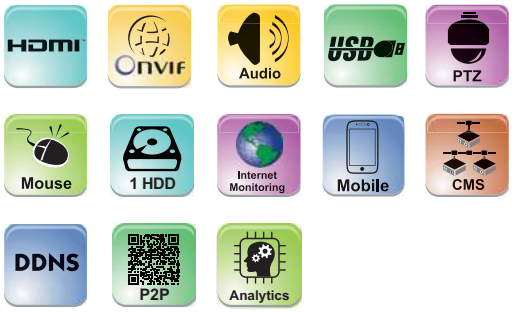
5MP

MODEL		NVR5-4100X
Video	Input	4CH Over Network
	Output	HDMI (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - 2MP
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	1Ch + Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	40Mbps
	Outgoing	40Mbps
Recording	Real-Time Recording	4CH 5MP Real-Time
	8MP	No
	5MP	120FPS (NTSC)/100FPS (PAL)
	4MP	120FPS (NTSC)/100FPS (PAL)
	3MP	120FPS (NTSC)/100FPS (PAL)
	2MP (1080P)	120FPS (NTSC)/100FPS (PAL)
	1.3MP (960P) and lower	120FPS (NTSC)/100FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	4CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 4CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	1 SATA (8TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/2A
	Power Consumption (No HDD)	5W
	Dimention	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

8CH NVR

NVR5-8200E(MM)

5MP



MODEL		NVR5-8200E(MM)
Video	Input	8CH Over Network
	Output	HDMI / VGA (1080P, 1280x1024, 1024x768)
	Decoding Format	H.264
	Decoding Capabilities	1Ch - 5MP ; 4/8Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	40Mbps
	Outgoing	40Mbps
Recording	Real-Time Recording	8CH 5MP Real-Time
	8MP	No
	5MP	240FPS (NTSC)/200FPS (PAL)
	4MP	240FPS (NTSC)/200FPS (PAL)
	3MP	240FPS (NTSC)/200FPS (PAL)
	2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
	1.3MP (960P) and lower	240FPS (NTSC)/200FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	8CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 8CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	1 SATA (6TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/2A
	Power Consumption (No HDD)	5W
	Dimention	W255xD220xH45mm
	Operation Temperature	0°C ~50°C

8CH PoE NVR

NVR5-8200PX

5MP

MODEL		NVR5-8200PX
Video	Input	8CH RJ45 Direct Connection / Over Network
	Output	HDMI (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - 2MP ; 8Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	1Ch + Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	64Mbps
	Outgoing	64Mbps
Recording	Real-Time Recording	8CH 5MP Real-Time
	8MP	No
	5MP	240FPS (NTSC)/200FPS (PAL)
	4MP	240FPS (NTSC)/200FPS (PAL)
	3MP	240FPS (NTSC)/200FPS (PAL)
	2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
	1.3MP (960P) and lower	240FPS (NTSC)/200FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	8CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 8CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	1 SATA (8TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	Yes (8CH)
	Interface	10/100Mbps
	Standard	IEEE802.3AF
	Total Power	120W (Average 12.5W per Channel)
	Max. Power Output (Per Ch.)	~14W
Others	Power Supply	DC48V/2.5A
	Power Consumption (No HDD)	5W
	Dimention	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

8CH NVR

NVR5-8200X

5MP

MODEL		NVR5-8200X
Video	Input	8CH Over Network
	Output	HDMI (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - 2MP ; 8Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	1Ch + Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	64Mbps
	Outgoing	64Mbps
Recording	Real-Time Recording	8CH 5MP Real-Time
	8MP	No
	5MP	240FPS (NTSC)/200FPS (PAL)
	4MP	240FPS (NTSC)/200FPS (PAL)
	3MP	240FPS (NTSC)/200FPS (PAL)
	2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
	1.3MP (960P) and lower	240FPS (NTSC)/200FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	8CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 8CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	1 SATA (8TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/2A
	Power Consumption (No HDD)	5W
	Dimention	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

8CH NVR

NVR5-8200A

8MP

MODEL		NVR5-8200A
Video	Input	8CH over Network
	Output	HDMI (4K, 1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - 2MP ; 8Ch - 1MP
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Stream
	Output	1CH + Depends on Camera Stream
	Two Way Audio	Yes
Bandwidth	Incoming	64Mbps
	Outgoing	64Mbps
Recording	Real-Time Recording	8CH 8MP Real-Time
	8MP	240FPS (NTSC)/200FPS (PAL)
	5MP	240FPS (NTSC)/200FPS (PAL)
	4MP	240FPS (NTSC)/200FPS (PAL)
	3MP	240FPS (NTSC)/200FPS (PAL)
	2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
	1.3MP (960P) and lower	240FPS (NTSC)/200FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	8CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 8CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	4CH + Depends on Camera
	Output	1CH + Depends on Camera
Storage	HDD	1 SATA (8TB)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/2A
	Power Consumption (No HDD)	5W
	Dimention	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

16CH NVR

NVR5-16400X(1U)

5MP

MODEL		NVR5-16400X(1U)
Video	Input	16CH over Network
	Output	HDMI (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 5MP ; 4Ch - 2MP ; 9Ch - 8x1MP + 1xD1 ; 16Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	Depends on Camera Inputs
	Output	1Ch + Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	80Mbps
	Outgoing	80Mbps
Recording	Real-Time Recording	16CH 5MP Real-Time
	8MP	No
	5MP	480FPS (NTSC)/400FPS (PAL)
	4MP	480FPS (NTSC)/400FPS (PAL)
	3MP	480FPS (NTSC)/400FPS (PAL)
	2MP (1080P)	480FPS (NTSC)/400FPS (PAL)
	1.3MP (960P) and lower	480FPS (NTSC)/400FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 16CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	2 SATA (8TB Each)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/4A
	Power Consumption (No HDD)	5W
	Dimention	W375xD275xH50mm
	Operation Temperature	0°C ~50°C

16CH NVR

NVR5-16400(1U)

8MP

MODEL		NVR5-16400 (1U)
Video	Input	16CH over Network
	Output	HDMI (4K, 1080P), VGA (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	Yes
Bandwidth	Incoming	160Mbps
	Outgoing	160Mbps
Recording	Real-Time Recording	16CH 8MP Real-Time (Max. 25/30FPS Per Channel)
	8MP	480FPS (NTSC)/400FPS (PAL)
	5MP	480FPS (NTSC)/400FPS (PAL)
	4MP	480FPS (NTSC)/400FPS (PAL)
	3MP	480FPS (NTSC)/400FPS (PAL)
	2MP (1080P)	480FPS (NTSC)/400FPS (PAL)
	1.3MP (960P) and lower	480FPS (NTSC)/400FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	1 USB 2.0 Port + 1 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 16CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	2 SATA (8TB Each)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/4A
	Power Consumption (No HDD)	5W
	Dimention	W375xD275xH50mm
	Operation Temperature	0°C ~50°C

16CH PoE NVR

NVR5-16400P(1.5U)

8MP

MODEL		NVR5-16400P(1.5U)
Video	Input	16CH RJ45 Direct Connection / Over Network
	Output	HDMI (4K, 1080P), VGA (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2MP ; 9/16Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	Yes
Bandwidth	Incoming	160Mbps
	Outgoing	160Mbps
Recording	Real-Time Recording	16CH 8MP Real-Time
	8MP	480FPS (NTSC)/400FPS (PAL)
	5MP	480FPS (NTSC)/400FPS (PAL)
	4MP	480FPS (NTSC)/400FPS (PAL)
	3MP	480FPS (NTSC)/400FPS (PAL)
	2MP (1080P)	480FPS (NTSC)/400FPS (PAL)
	1.3MP (960P) and lower	480FPS (NTSC)/400FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	1 USB 2.0 Port + 1 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 16CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	16CH + Depends on Camera
	Output	4CH + Depends on Camera
Storage	HDD	4 SATA (8TB Each)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	Yes (16CH)
	Interface	10/100Mbps
	Standard	IEEE802.3AF
	Total Power	240W (Avarage 15W Per Channel)
	Max. Power Output (Per Ch.)	15W
Others	Power Supply	AC100-240V
	Power Consumption (No HDD)	15W
	Dimention	W430xD390xH70mm
	Operation Temperature	0°C ~50°C

32CH NVR

NVR5-32800(1U)

8MP

MODEL		NVR5-32800 (1U)
Video	Input	32CH over Network
	Output	HDMI (4K, 1080P), VGA (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP ; 32Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	Yes
Bandwidth	Incoming	256Mbps
	Outgoing	256Mbps
Recording	Real-Time Recording	32CH 8MP Real-Time
	8MP	960FPS (NTSC)/800FPS (PAL)
	5MP	960FPS (NTSC)/800FPS (PAL)
	4MP	960FPS (NTSC)/800FPS (PAL)
	3MP	960FPS (NTSC)/800FPS (PAL)
	2MP (1080P)	960FPS (NTSC)/800FPS (PAL)
	1.3MP (960P) and lower	960FPS (NTSC)/800FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	1 USB 2.0 Port + 1 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 32CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	2 SATA (8TB Each)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	DC12V/4A
	Power Consumption (No HDD)	15W
	Dimention	W375xD275xH50mm
	Operation Temperature	0°C ~50°C

32CH NVR (16CH PoE)

NVR5-32800-16P(2U)

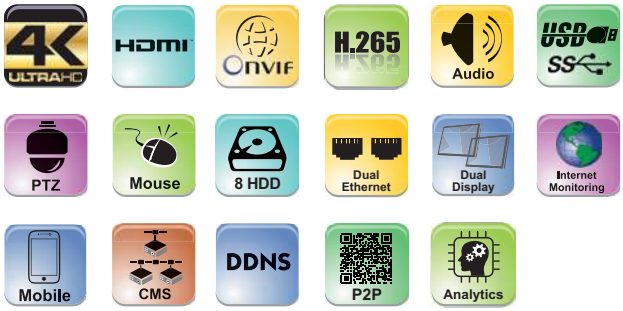
8MP

MODEL		NVR5-32800-16P(2U)
Video	Input	16CH Over Network + 16CH RJ45 Direct Connection / Over Network
	Output	HDMI (4K, 1080P), VGA (1080P, 1280x1024, 1024x768)
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP ; 32Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Stream
	Output	1CH + Depends on Camera Stream
	Two Way Audio	Yes
Bandwidth	Incoming	256Mbps
	Outgoing	256Mbps
Recording	Real-Time Recording	32CH 8MP Real-Time
	8MP	960FPS (NTSC)/800FPS (PAL)
	5MP	960FPS (NTSC)/800FPS (PAL)
	4MP	960FPS (NTSC)/800FPS (PAL)
	3MP	960FPS (NTSC)/800FPS (PAL)
	2MP (1080P)	960FPS (NTSC)/800FPS (PAL)
	1.3MP (960P) and lower	960FPS (NTSC)/800FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	1 USB 2.0 Port + 1 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 32CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	16CH + Depends on Camera
	Output	1CH + Depends on Camera
Storage	HDD	8 SATA (8TB Each)
	E-SATA	1
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	Yes (16CH)
	Interface	10/100Mbps
	Standard	IEEE802.3AF
	Total Power	240W (Avarage 15W Per Channel)
	Max. Power Output (Per Ch.)	15W
Others	Power Supply	AC100-240V
	Power Consumption (No HDD)	15W
	Dimention	W430xD445xH97mm
	Operation Temperature	0°C ~50°C

32CH NVR

NVR5-32800(2U)

8MP

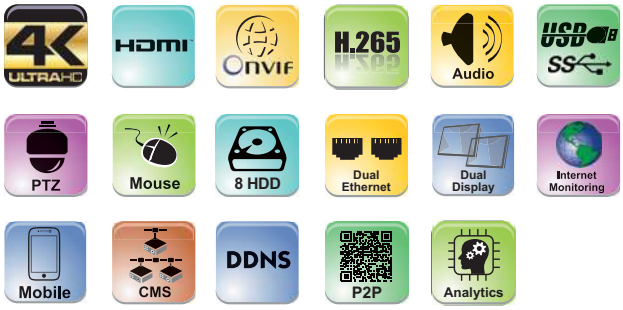


MODEL		NVR5-32800 (2U)
Video	Input	32CH over Network
	Output	HDMI1 (4K, 1080P1280x1024), HDMI2 + VGA (1280x1024, 1080P), 32Ch per Monitor
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP ; 32Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	Yes
Bandwidth	Incoming	256Mbps
	Outgoing	256Mbps
Recording	Real-Time Recording	32CH 8MP Real-Time
	8MP	960FPS (NTSC)/800FPS (PAL)
	5MP	960FPS (NTSC)/800FPS (PAL)
	4MP	960FPS (NTSC)/800FPS (PAL)
	3MP	960FPS (NTSC)/800FPS (PAL)
	2MP (1080P)	960FPS (NTSC)/800FPS (PAL)
	1.3MP (960P) and lower	960FPS (NTSC)/800FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port + 1 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 32CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	8CH + Depends on Camera
	Output	4CH + Depends on Camera
Storage	HDD	8 SATA (8TB Each)
	E-SATA	No
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	2 x 1000 Mbps (2 x RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	AC100-240V
	Power Consumption (No HDD)	15W
	Dimention	W430xD445xH97mm
	Operation Temperature	0°C ~50°C

64CH NVR

NVR5-641600(2U)

8MP

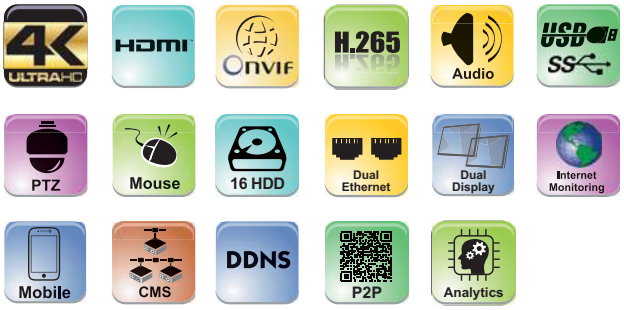


MODEL		NVR5-641600 (2U)
Video	Input	64CH over Network
	Output	HDMI1 (4K, 1080P1280x1024), HDMI2 + VGA (1280x1024, 1080P), 32Ch per Monitor
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP ; 32Ch - 20x1MP + 12xD1 ; 64Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	Yes
Bandwidth	Incoming	320Mbps
	Outgoing	320Mbps
Recording	Real-Time Recording	64CH 8MP Real-Time
	8MP	1920FPS (NTSC)/1600FPS (PAL)
	5MP	1920FPS (NTSC)/1600FPS (PAL)
	4MP	1920FPS (NTSC)/1600FPS (PAL)
	3MP	1920FPS (NTSC)/1600FPS (PAL)
	2MP (1080P)	1920FPS (NTSC)/1600FPS (PAL)
	1.3MP (960P) and lower	1920FPS (NTSC)/1600FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	2 USB 2.0 Port + 1 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 64CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	8CH + Depends on Camera
	Output	4CH + Depends on Camera
Storage	HDD	8 SATA (8TB Each)
	E-SATA	2
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	2 x 1000 Mbps (2 x RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	AC100-240V
	Power Consumption (No HDD)	15W
	Dimention	W430xD445xH97mm
	Operation Temperature	0°C ~50°C

128CH NVR

NVR5-128RT(3U)

8MP



MODEL		NVR5-128RT(3U)
Video	Input	128CH over Network
	Output	HDMI1 (4K, 1080P1280x1024), HDMI2 + VGA (1280x1024, 1080P), 64Ch per Monitor
	Decoding Format	H.265 / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP ; 32Ch - 20x1MP + 12xD1 ; 64Ch - D1
	Analytics	Camera Tampering, Line Crossing, Sterile Area, Object Monitoring
Audio	Input	1CH + Depends on Camera Inputs
	Output	1CH + Depends on Camera Outputs
	Two Way Audio	Yes
Bandwidth	Incoming	384Mbps
	Outgoing	384Mbps
Recording	Real-Time Recording	128CH 8MP Real-Time
	8MP	3840FPS (NTSC)/3200FPS (PAL)
	5MP	3840FPS (NTSC)/3200FPS (PAL)
	4MP	3840FPS (NTSC)/3200FPS (PAL)
	3MP	3840FPS (NTSC)/3200FPS (PAL)
	2MP (1080P)	3840FPS (NTSC)/3200FPS (PAL)
	1.3MP (960P) and lower	3840FPS (NTSC)/3200FPS (PAL)
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics
Playback	Playback Channels	16CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	3 USB 3.0 Port
	DVD Burner	No
	Backup Format	AVI/DAT
Remote Application	Master Stream	Up to 128CH@Recording Resolution
	Sub-Stream	Depends on IPC
	Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
	User Access	10 Users Online with Professional Autorithy Management
Alarm	Input	8CH + Depends on Camera
	Output	4CH + Depends on Camera
Storage	HDD	16 SATA (8TB Each) - Hot Swap Supported
	E-SATA	2
PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	No
Network	Ethernet	2 x 1000 Mbps (2 x RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
	ONVIF	Yes
PoE	Ports	No
	Interface	No
	Standard	No
	Total Power	No
	Max. Power Output (Per Ch.)	No
Others	Power Supply	AC100-240V
	Power Consumption (No HDD)	15W
	Dimention	W440xD485xH148mm
	Operation Temperature	0°C ~50°C

Ossia NVRs Compare Table

Model Name	NVR5-4100E(MM)	NVR5-4100PX	NVR5-4100X
Format	Ossia NVR	Ossia PoE NVR	Ossia NVR
Number of Channels	4	4 (PoE)	4
Playback Channels	4	4	4
Remote Playback Channels	4	4	4
Live Preview While Playback	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)
Image Capture	As viewed resolution	As viewed resolution	As viewed resolution
Output Type	HDMI, VGA (Up to 1080P)	HDMI (Up to 1080P)	HDMI (Up to 1080P)
4K Output Support	No	No	No
Display Type	Dual Display (Miror)	Single Display	Single Display
Case	Mini Metal	Small 1U	Small 1U
Audio Input	Depends on Camera	Depends on Camera	Depends on Camera
Audio Output	No	1Ch	1Ch
Two Way Audio	No	No	No
Alarm In	Depends on Camera	Depends on Camera	Depends on Camera
Alarm Out	Depends on Camera	Depends on Camera	Depends on Camera
PTZ Control	Yes - Over IP	Yes - Over IP	Yes - Over IP
Maximum Resolution	5MP	5MP	5MP
Recording 5MP	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
Recording 8MP	No	No	No
Total Bandwidth (Incoming)	32Mbps	40Mbps	40Mbps
Total Bandwidth (Outgoing)	32Mbps	40Mbps	40Mbps
Compression	H.264	H.265 / H.264	H.265 / H.264
Analytics Support	Yes	Yes	Yes
HDD	1(6TB)	1(8TB)	1(8TB)
USB Port	2	2	2
E-SATA	No	No	No
Ethernet	100Mbps	100Mbps	100Mbps
Master Stream	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP
Network Stream	Depends on Camera	Depends on Camera	Depends on Camera
Master Stream Channels over Network	4	4	4
Max Simultaneous Users	10	10	10
IR Remote	Yes	Yes	Yes
IR Extention	No	No	No
Mouse	Yes	Yes	Yes
PoE	N/A	4(RJ-45/Network)	N/A
PoE Interface	N/A	10/100 Mbps	N/A
PoE Standard	N/A	IEEE802.3AF	N/A
POE Total Power	N/A	45W (11.25W Average)	N/A
Max. Consumption Per Channel	N/A	15W	N/A
Power Supply	DC12V/2A	DC48V/1.04A	DC12V/2A
Power Supply Total Output（Max）	24W	50W	24W
Power Consumption (Without HDD)	5W	5W	5W

NVR5-8200E(MM)	NVR5-8200PX	NVR5-8200X	NVR5-8200A
Ossia PoE NVR	Ossia PoE NVR	Ossia NVR	Ossia NVR
8	8 (PoE)	8	8
8	8	8	8
8	8	8	8
Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)
As viewed resolution	As viewed resolution	As viewed resolution	As viewed resolution
HDMI, VGA (Up to 1080P)	HDMI (Up to 1080P)	HDMI (Up to 1080P)	HDMI (Up to 4K)
No	No	No	Yes
Dual Display (Miror)	Single Display	Single Display	Single Display
Mini Metal	Small 1U	Small 1U	Small 1U
Depends on Camera	Depends on Camera	Depends on Camera	1CH + Depends on Camera
1Ch	1Ch	1Ch	1Ch
No	No	No	No
Depends on Camera	Depends on Camera	Depends on Camera	4 + Depends on Camera
Depends on Camera	Depends on Camera	Depends on Camera	1 + Depends on Camera
Yes - Over IP	Yes - Over IP	Yes - Over IP	Yes - Over IP
5MP	5MP	5MP	8MP
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
No	No	No	25/30FPS Per Channel
40Mbps	64Mbps	64Mbps	64Mbps
40Mbps	64Mbps	64Mbps	64Mbps
H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Yes	Yes	Yes	Yes
1(6TB)	1(8TB)	1(8TB)	1(8TB)
2	2	2	2
No	No	No	No
100Mbps	100Mbps	100Mbps	100Mbps
Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@8MP
Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
8	8	8	8
10	10	10	10
Yes	Yes	Yes	Yes
No	No	No	No
Yes	Yes	Yes	Yes
N/A	4(RJ-45/Network)	N/A	N/A
N/A	10/100 Mbps	N/A	N/A
N/A	IEEE802.3AF	N/A	N/A
N/A	115W (14.3W Average)	N/A	N/A
N/A	15W	N/A	N/A
DC12V/2A	DC48V/2.5A	DC12V/2A	DC12V/2A
24W	120W	24W	24W
5W	5W	5W	5W

Ossia NVRs Compare Table

Model Name	NVR5-16400X(1U)	NVR5-16400(1U)	NVR5-16400P(1.5U)	NVR5-32800(1U)
Format	Ossia NVR	Ossia NVR	Ossia PoE NVR	Ossia NVR
Number of Channels	16	16	16 (PoE)	32
Playback Channels	16	16	16	16
Remote Playback Channels	9	9	9	9
Live Preview While Playback	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)
Image Capture	As viewed resolution	As viewed resolution	As viewed resolution	As viewed resolution
Output Type	HDMI (Up to 1080P)	HDMI (Up to 4K), VGA	HDMI (Up to 4K), VGA	HDMI (Up to 4K), VGA
4K Output Support	No	Yes	Yes	Yes
Display Type	Single Display	Dual Display (Miror)	Dual Display (Miror)	Dual Display (Miror)
Case	1U	1U	1.5U	1U
Audio Input	Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera
Audio Output	1Ch	1Ch	1Ch	1Ch
Two Way Audio	No	Yes	Yes	Yes
Alarm In	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
Alarm Out	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
PTZ Control	Yes - Over IP	Yes - Over IP	Yes - Over IP	Yes - Over IP
Maximum Resolution	5MP	8MP	8MP	8MP
Recording 5MP	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
Recording 8MP	No	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
Total Bandwidth (Incoming)	80Mbps	160Mbps	160Mbps	256Mbps
Total Bandwidth (Outgoing)	80Mbps	160Mbps	160Mbps	256Mbps
Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Analytics Support	Yes	Yes	Yes	Yes
HDD	2(8TB Each)	2(8TB Each)	4(8TB Each)	2(8TB Each)
USB Port	2	2	2	2
E-SATA	No	No	No	No
Ethernet	100Mbps	1000Mbps	1000Mbps	1000Mbps
Master Stream	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@8MP	Up to 1-25/30 FPS@8MP	Up to 1-25/30 FPS@8MP
Network Stream	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
Master Stream Channels over Network	16	16	16	32
Max Simultaneous Users	10	10	10	10
IR Remote	Yes	Yes	Yes	Yes
IR Extention	No	No	No	No
Mouse	Yes	Yes	Yes	Yes
PoE	N/A	N/A	Yes (16 Ports)	N/A
PoE Interface	N/A	N/A	10/100Mbps	N/A
PoE Standard	N/A	N/A	IEEE802.3AF	N/A
POE Total Power	N/A	N/A	240W (15W Average)	N/A
Max. Consumption Per Channel	N/A	N/A	15W	N/A
Power Supply	DC12V/3A	DC12V/4A	110-220V AC	DC12V/4A
Power Supply Total Output（Max）	36W	48W	250W	48W
Power Consumption (Without HDD)	5W	5W	15W	5W

NVR5-32800-16P(2U)	NVR5-32800(2U)	NVR5-641600(2U)	NVR5-128RT(3U)
Ossia NVR	Ossia NVR	Ossia NVR	Ossia NVR
32 (16 PoE)	32	64	128
16	16	16	16
9	9	9	9
Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)
As viewed resolution	As viewed resolution	As viewed resolution	As viewed resolution
HDMI (Up to 4K), VGA	HDMI (Up to 4K), HDMI, VGA	HDMI (Up to 4K), HDMI, VGA	HDMI (Up to 4K), HDMI, VGA
Yes	Yes	Yes	Yes
Dual Display (Miror)	Triple Display (2-Miror + 1-Free)	Triple Display (2-Miror + 1-Free)	Triple Display (2-Miror + 1-Free)
2U	2U	2U	3U
1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera
1Ch	1Ch	1Ch	1Ch
Yes	Yes	Yes	Yes
16 + Depends on Camera	8 + Depends on Camera	8 + Depends on Camera	8 + Depends on Camera
1 + Depends on Camera	4 + Depends on Camera	4 + Depends on Camera	4 + Depends on Camera
Yes - Over IP	Yes - Over IP	Yes - Over IP	Yes - Over IP
8MP	8MP	8MP	8MP
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
256Mbps	256Mbps	320Mbps	384Mbps
256Mbps	256Mbps	320Mbps	384Mbps
H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Yes	Yes	Yes	Yes
8(8TB Each)	8(8TB Each)	8(8TB Each)	16(8TB Each)
2 (1 USB 2.0+1 USB 3.0)	3 (2 USB 2.0+1 USB 3.0)	3 (2 USB 2.0+1 USB 3.0)	3 USB 3.0
1	2	2	2
1000Mbps	2 x 1000Mbps	2 x 1000Mbps	2 x 1000Mbps
Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP	Up to 1-25/30 FPS@5MP
Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
32	32	64	128
10	10	10	10
Yes	Yes	Yes	Yes
No	No	No	No
Yes	Yes	Yes	Yes
Yes (16 Ports)	No	No	No
10/100Mbps	No	No	No
IEEE802.3AF	No	No	No
240W (15W Average)	No	No	No
15W	No	No	No
110-220V AC	110/220V AC	110/220V AC	110/220V AC
250W	250W	250W	250W
15W	15W	15W	15W

PoE Product Series

PoE (Power over Ethernet) describes the standard which allows a single ethernet cable to provide both data connection and electrical power to devices like IP cameras or wireless access points.

The PoE standardized by IEEE 802.3. and it is marked as IEEE 802.3af or IEEE 802.3at. Any product that doesn't support these protocols does not officially supporting PoE.

All models are fully with IEEE 802.3 standard and automatically detect power device (PD) and power consumption level.

10/100

10/100Mbps PoE Switches:

These PoE switches are the best choice for any standard installation. It is especially designed for IP surveillance giving extra reliability and installation simplicity. With 4/8/16/24 port options, standard uplinks and SFP ports (depending on model) - you can find a solution for any installation.

10/100/1000

10/100/1000Mbps PoE Switches:

The 1000Mbps (gigabyte) PoE switches are made for true professionals. The standard switches with 4 or 8 ports were designed for heavy-duty work.
The professional 16/24 Port switches, equipped with an LCD monitor, were designed to display all the PoE system infotmation on the front panel of the device.

PoE

PoE Accessories:

The accessories line was designed to complete installation details, offer solutions for specific problems, or transform an analog CCTV system to a state of the art IP surveillance system using the same infrastructure.

Special Features
(Selected models only)

CCTV Mode

The CCTV mode is actually a preconfigured VLAN (Cannot be customized by the user) that prevent all communicationamong the downlink ports. The CCTV mode also limits the communication to 10Mbps to increase stability.

The achieved benefits of CCTV mode are:

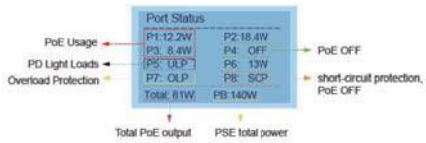
- No communication among downlink ports (VLAN) improves the network security and data transmission efficiency.
- Limiting the communication speed to 10Mbps increases the communication distance to a maximum of 250 meter.

Status LCD Screen

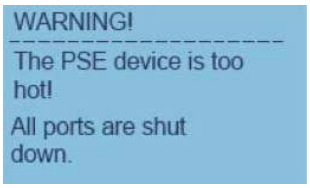
We created an outstanding advantage for selected 1U PoE switches by equipping it with a LCD screen which gives a real–time status indication for each of the ports. This will make installation easier, increase safety and feedback useful information during routine work while facing network issues.

Indications available are:

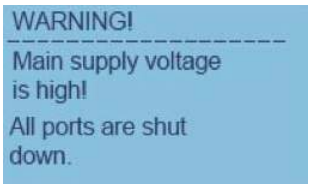
Single Channel Output Power (W)
Overload (OLP)
Short circuit (SCP)
Low voltage/Over voltage (warning)
High temperature (warning)
Light load (ULP)
and more...

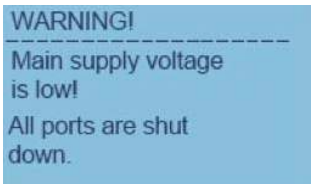


Temperature Warning



Low/High Voltage Warning

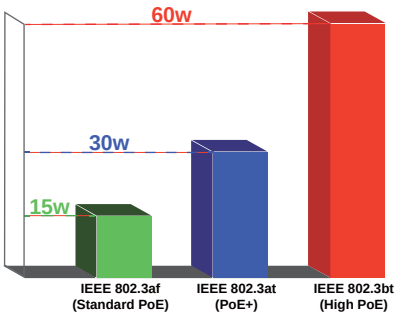




SFP and "Combo" Uplink Ports

Selected models are equipped with "Combo" or SFP uplink ports. "Combo" ports can be used as standard RJ45 Ethernet uplinks or as SFP (Small Form-factor Pluggable) ports that are usually used for data transmission via fibre optic.

Special Features
(Selected models only)

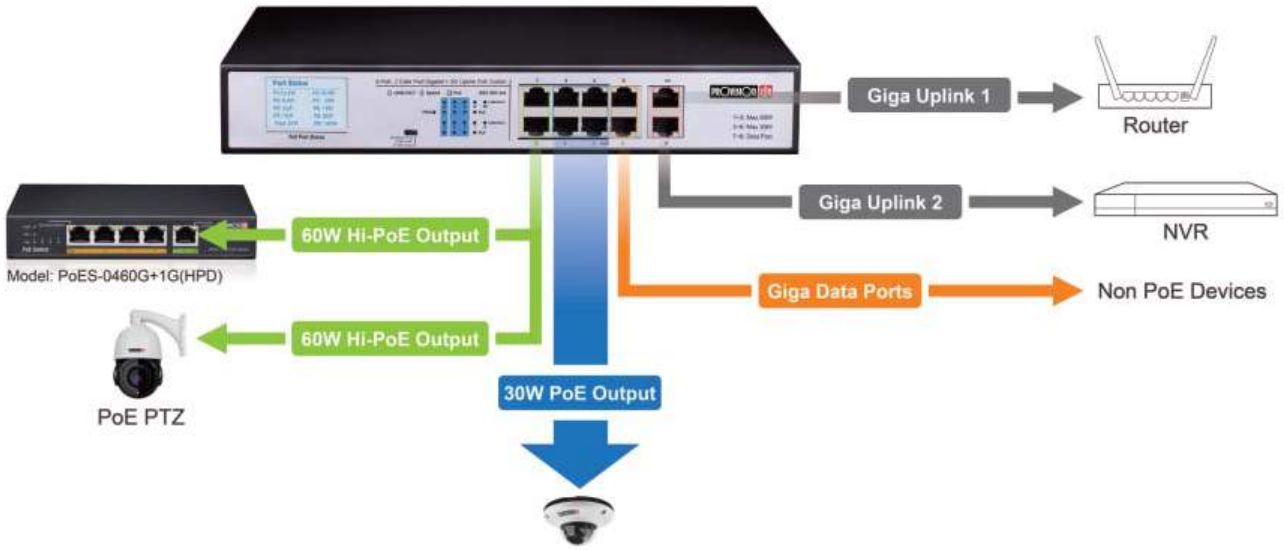


High PoE

High PoE adopts the latest IEEE 802.3bt protocol which uses all four pairs in a network cable. Each High PoE port can provide up to 60W of DC power to connected device. Comparing with the previous standards "at" and "af" which supports power output of 15 watts and 30 watts respectively, High PoE can provide up to 100% more power.

The High PoE is designed to answer the growing demand for high power consuming network devices such as IP Speed Domes, and at the same time allows to extend PoE applications for over 100 meters by using Hi-PoE PD (Powered Device) switches.

The current High PoE device selection can provide you with a complete solution for any installation and includes.



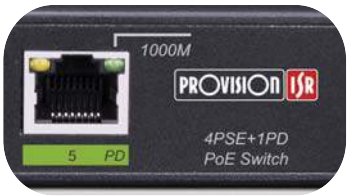
4 Port Giga + 1 Port Giga Powered Device PoE Switch

PoES-0460G+1G(HPD)

- 4x1Gbps PoE Ports
- 1x1Gbps Ports (Powered Device)
- 55W (Avg:13.75W Max 30W per ch)
- Power Supplied from High Power PoE
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at

Specifications

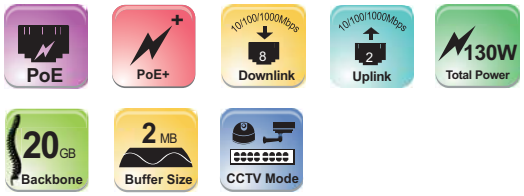
MODEL		PoES-0460G+1G(HPD)
Interface	Downlink Ports	4 x 10/100/1000Mbps
	Uplink Ports	1 x 10/100/1000Mbps (Powered Device)
	SFP Ports	No
PoE	PoE Ports	4 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	55W
	Average Power Per Channel	13.75W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	10Gbps
	Buffer Size	2Mb
	MAC Address Table	2K
	VLAN	No
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	No
	Surge Protector	Built-In (±4KV)
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	No
	Power Supply	Powered by High Power PoE to PD Port or 54v/1.2A PSU (Not Supplied)
Others	Power Consumption	PoE On: 60W Max. / PoE Off: 3W Max.
	Fan	No
	Dimensions	160*93*28 mm
	Weight	1.32kg
	Operating Temperature	~0°C-40°C



PD Uplink Port (Powered Device)

8 + 2 Port Giga PoE Switch

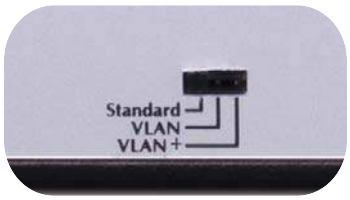
PoES-08(2H)140G+2G



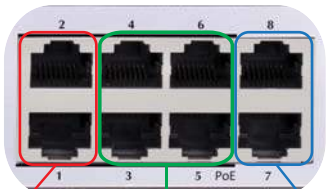
- Downlink: 8 x 1Gbps Ports
- Uplink: 2 x 1Gbps Port
- 6 PoE Ports (2 High Power)
- 130W (Avg:16.25W. Max 30W per PoE+ port, 60W per High Power port)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at/bt
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Wall Bracket

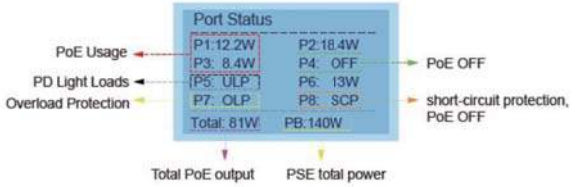
Specifications

MODEL		PoES-08(2H)140GC+2G
Interface	Downlink Ports	8 x 10/100/1000Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports	No
PoE	PoE Ports	2 x High Power (60W) + 4 x PoE+ (30W) + (2 x No PoE)
	PoE Standard	IEEE802.3af/at/bt PoE
	PoE Total Power	130W
	Average Power Per Channel	16.25W
	Maximum Power Per Channel	High Power Ports: 60W / PoE+ Ports:30W
Data Processing	Backbone Bandwidth	20Gbps
	Buffer Size	2Mb
	MAC Address Table	8K
	VLAN	2 Auto Modes (CCTV Mode & CCTV Mode + 10Mbps limit)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In (±4KV)
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	Yes
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 140W Max. / PoE Off: 7W Max.
	Fan	Yes
	Dimensions	280×180.8×44mm
	Weight	1.8kg
	Operating Temperature	~0°C-40°C



CCTV Mode Switch





4+2-Port 10/100 Mbps PoE Switch

PoES-0460C+2

- Downlink: 4x100Mbps Ports
- Uplink: 2x100Mbps Port
- 60W(Avg:15W Max 30W per ch)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- External Power Supply
- Complies With IEEE802.3af/at
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

Specifications

MODEL		PoES-0460C+2
Interface	Downlink Ports	4 x 10/100Mbps
	Uplink Ports	2 x 10/100Mbps
	SFP Ports	No
PoE	PoE Ports	4 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	60W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	1.2Gbps
	Buffer Size	448Kb
	MAC Address Table	1K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	Not Supported
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	Available
Power	PoE Status Monitor	No
	Power Supply	53v/1.3A
Others	Power Consumption	PoE On: 63W Max. / PoE Off: 3W Max.
	Fan	No
	Dimensions	160*94*27.6 mm
	Weight	1.14kg
	Operating Temperature	-10°C~50°C

CCTV Mode Switch

K-Lock Slot

4+2-Port 10/100 Mbps PoE Switch

PoES-0460C+2I

- Downlink: 4x100Mbps Ports
- Uplink: 2x100Mbps Port
- 60W(Avg:15W Max 30W per ch)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Built-in Power Supply
- Complies With IEEE802.3af/at
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Anti-Theft Hole Lock(k-slot)/Earthling Connector

Specifications

MODEL		PoES-0460C+2I
Interface	Downlink Ports	4 x 10/100Mbps
	Uplink Ports	2 x 10/100Mbps
	SFP Ports	No
PoE	PoE Ports	4 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	60W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	1.2Gbps
	Buffer Size	448Kb
	MAC Address Table	1K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	Not Supported
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	Available (Wall installation)
	Rack Bracket	No
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	No
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 63W Max. / PoE Off: 3W Max.
	Fan	No
	Dimensions	168*94*32 mm
	Weight	850gr
	Operating Temperature	-10°C~50°C

CCTV Mode Switch

100-240AC Power Input

8+2-Port 10/100 Mbps PoE Switch

PoES-08120C+2

- Downlink: 8x100Mbps Ports
- Uplink: 2x100Mbps Port
- 120W(Avg:15W Max 30W per ch)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- External Power Supply
- Complies With IEEE802.3af/at
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

Specifications

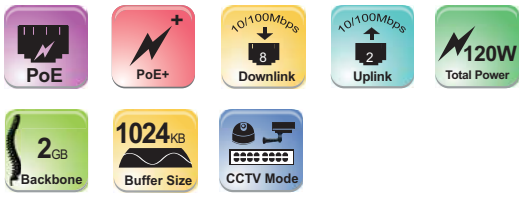
MODEL		PoES-08120C+2
Interface	Downlink Ports	8 x 10/100Mbps
	Uplink Ports	2 x 10/100Mbps
	SFP Ports	No
PoE	PoE Ports	8 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	120W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	2Gbps
	Buffer Size	1024Kb
	MAC Address Table	2K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	Not Supported
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	Available
Power	PoE Status Monitor	No
	Power Supply	53v/2.5A
Others	Power Consumption	PoE On: 125W Max. / PoE Off: 5W Max.
	Fan	No
	Dimensions	219.6*105*27.6 mm
	Weight	1.32Kg
	Operating Temperature	-10°C~50°C

CCTV Mode Switch

K-Lock Slot

8+2-Port 10/100 Mbps PoE Switch

PoES-08120C+2I



- Downlink: 8x100Mbps Ports
- Uplink: 2x100Mbps Port
- 120W(Avg:15W Max 30W per ch)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Built-in Power Supply
- Complies With IEEE802.3af/at
- Advanced CCTV mode:
  - Up to 250 meter at 10Mbps (Option 1)
  - Vlan function: no communication among downlink ports (Option 2)
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

Specifications

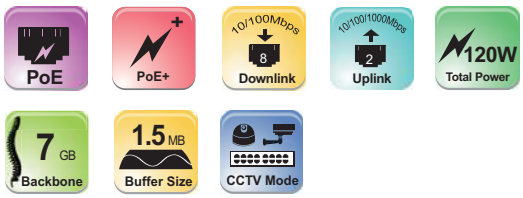
MODEL		PoES-08120C+2I
Interface	Downlink Ports	8 x 10/100Mbps
	Uplink Ports	2 x 10/100Mbps
	SFP Ports	No
PoE	PoE Ports	8 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	120W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	2Gbps
	Buffer Size	1024Kb
	MAC Address Table	2K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	Not Supported
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	Available (Wall installation)
	Rack Bracket	No
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	No
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 125W Max. / PoE Off: 5W Max.
	Fan	No
	Dimensions	219.6*105*27.6 mm
	Weight	1.32Kg
	Operating Temperature	-10°C~50°C

CCTV Mode Switch

100-240AC Power Input

8 Port 10/100 Mbps + 2 Port Giga PoE Switch

PoES-08120+2GI



- Downlink: 4x100Mbps Ports
- Uplink: 2x 1Gbps Port
- 120W (Avg:15W Max 30W per ch)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Internal Power Supply
- Complies With IEEE802.3af/at
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

Specifications

MODEL		PoES-08120+2GI
Interface	Downlink Ports	8 x 10/100Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports	No
PoE	PoE Ports	8 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	120W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	7Gbps
	Buffer Size	1.5Mb
	MAC Address Table	4K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m) [For Uplink Ports Only]
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	Available
Power	PoE Status Monitor	No
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 124W Max. / PoE Off: 4W Max.
	Fan	No
	Dimensions	219.6*105*27.6 mm
	Weight	1.32kg
	Operating Temperature	~0°C-40°C

CCTV Mode Switch

100-240AC Power Input

16 Port 10/100 Mbps + 2Combo PoE Switch

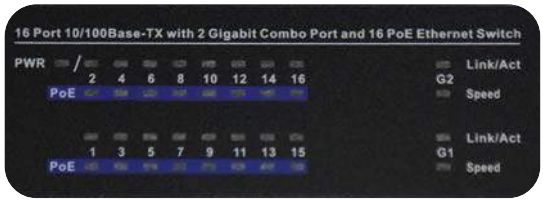
PoES-16250+2Combo

- Downlink: 16x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 250W (Avg:15W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Rack mount bracket included

Specifications

MODEL		PoES-16250+2Combo
Interface	Downlink Ports	16 x 10/100Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports*	2 x 1Gbps
PoE	PoE Ports	16 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	250W
	Average Power Per Channel	15.6W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	8.8Gbps
	Buffer Size	2.75Mb
	MAC Address Table	4K
	VLAN	No
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	No
	Surge Protector	Built-In
	Wall Bracket	No
	Rack Bracket	Yes
	K-Slot (Anti Theft)	Available
Power	PoE Status Monitor	No
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 260W Max. / PoE Off: 10W Max.
	Fan	No
	Dimensions	440*200*44 mm
	Weight	4kg
	Operating Temperature	~0°C-40°C

*Uplink Ports cannot work simultaneously with the SFP ports



LED Status display

Combo Slot (1000Mbps RJ-45 / SFP)

16 Port 10/100 Mbps +2Combo PoE Switch

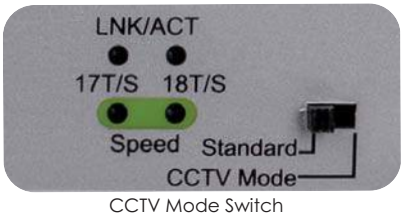
PoES-16300C+2Combo

- Downlink: 16x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 300W (Avg:18.75W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Status LCD Monitor
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Rack mount bracket included

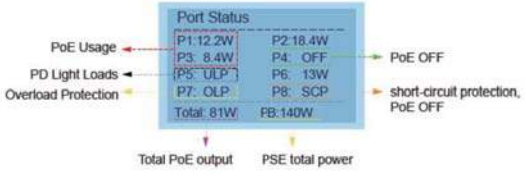
Specifications

MODEL		PoES-16300C+2Combo
Interface	Downlink Ports	16 x 10/100Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports*	2 x 10/100/1000Mbps
PoE	PoE Ports	16
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	300W
	Average Power Per Channel	18.75W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	7.2Gbps
	Buffer Size	2.75Mb
	MAC Address Table	4K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	No
	Rack Bracket	Yes
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	Yes
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 310W Max. / PoE Off: 13W Max.
	Fan	No
	Dimensions	440*232*45mm
	Weight	4kg
	Operating Temperature	~0°C-40°C

*Uplink Ports cannot work simultaneously with the SFP ports



CCTV Mode Switch



24 Port 10/100 Mbps + 2Combo PoE Switch

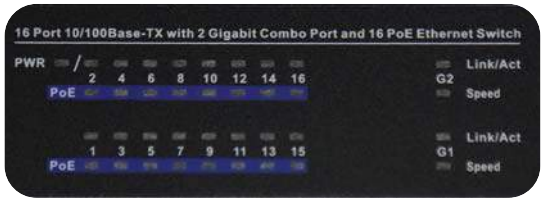
PoES-24370+2Combo

- Downlink: 16x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 370W (Avg:15W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Rack mount bracket included

Specifications

MODEL		PoES-24370+2Combo
Interface	Downlink Ports	24 x 10/100Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports*	2 x 1Gbps
PoE	PoE Ports	24 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	370W
	Average Power Per Channel	15.4W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	8.8Gbps
	Buffer Size	2.75Mb
	MAC Address Table	4K
	VLAN	No
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m) [For Uplink Ports Only]
Special	CCTV Mode	No
	Surge Protector	Built-In
	Wall Bracket	No
	Rack Bracket	Yes
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	No
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 385W Max. / PoE Off: 15W Max.
	Fan	No
	Dimensions	440*200*44mm
	Weight	4kg
	Operating Temperature	~0°C-40°C

*Uplink Ports cannot work simultaneously with the SFP ports



LED Status display

Combo Slot (1000Mbps RJ-45 / SFP)

24 Port 10/100 Mbps +2Combo PoE Switch

PoES-24380C+2Combo

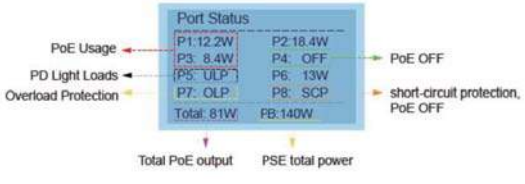
- Downlink: 24x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 380W (Avg:15W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Status LCD Monitor
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Rack mount bracket included

Specifications

MODEL		PoES-24380C+2Combo
Interface	Downlink Ports	24 x 10/100/100Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports*	2 x 10/100/1000Mbps
PoE	PoE Ports	24
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	380W
	Average Power Per Channel	15.75W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	8.8Gbps
	Buffer Size	2.75Mb
	MAC Address Table	4K
	VLAN	Auto (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	No
	Rack Bracket	Yes
	K-Slot (Anti Theft)	Available
Power	PoE Status Monitor	Yes
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 395W Max. / PoE Off: 15W Max.
	Fan	No
	Dimensions	440*232*44mm
	Weight	4.5kg
	Operating Temperature	~0°C-40°C

*Uplink Ports cannot work simultaneously with the SFP ports

CCTV Mode Switch



4+2-Port Giga PoE Switch

PoES-0460G+2G

- 4x1Gbps PoE Ports
- 2x1Gbps Ports
- All Ports Act as both Downlink/Uplink
- 60W (Avg:15W Max 30W per ch)
- External Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection

Specifications

MODEL		PoES-0460G+2G
Interface	Downlink Ports	4 x 10/100/1000Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports	No
PoE	PoE Ports	4 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	60W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	12Gbps
	Buffer Size	2Mb
	MAC Address Table	2K
	VLAN	No
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	No
	Surge Protector	Built-In
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	Available
Power	PoE Status Monitor	No
	Power Supply	54v/2.2A
Others	Power Consumption	PoE On: 65W Max. / PoE Off: 5W Max.
	Fan	No
	Dimensions	160*93*28 mm
	Weight	1.32kg
	Operating Temperature	~0°C-40°C

K-Lock Slot

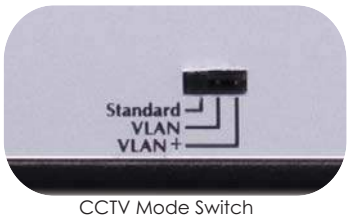
8 + 2 Port Giga PoE Switch

PoES-08130GC+2G

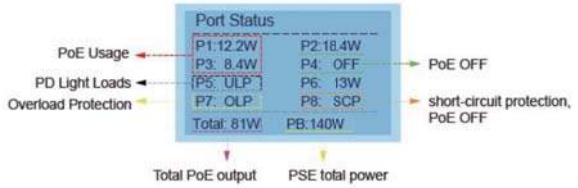
- Downlink: 8 x 1Gbps Ports
- Uplink: 2 x 1Gbps Port
- 120W (Avg:15W Max 30W per ch)
- Distance: Up to 100 Meter
- Built-in Surge Protection
- External Power Supply
- Complies With IEEE802.3af/at
- CCTV mode:
  - Up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports
- Wall Bracket

Specifications

MODEL		PoES-08130GC+2G
Interface	Downlink Ports	8 x 10/100/1000Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports	No
PoE	PoE Ports	8 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	120W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	20Gbps
	Buffer Size	2Mb
	MAC Address Table	8K
	VLAN	2 Auto Modes (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In (±4KV)
	Wall Bracket	Optional
	Rack Bracket	No
	K-Slot (Anti Theft)	No
Power	PoE Status Monitor	Yes
	Power Supply	54v/2.2A
Others	Power Consumption	PoE On: 124W Max. / PoE Off: 7W Max.
	Fan	Yes
	Dimensions	280×180.8×44mm
	Weight	1.8kg
	Operating Temperature	~0°C-40°C



CCTV Mode Switch



Status LCD Monitor

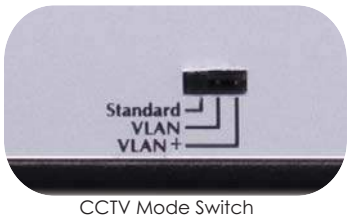
16+2SFP-Port Giga PoE Switch

PoES-16300GC+2SFP

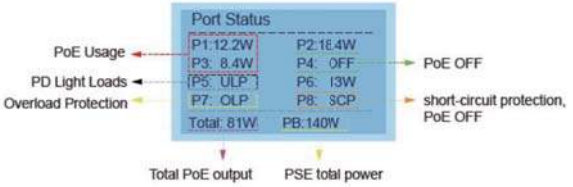
- 16x1Gbps PoE Ports
- All Ports Act as both Downlink/Uplink
- 2 SFP Uplink Ports
- 300W (Avg:18W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Built-in LCD for Status Indication
- CCTV mode:
  Up to 250 meter at 10Mbps
  Vlan function: no communication among downlink ports
- Rack Mount Bracket Included

Specifications

MODEL		PoES-16300GC+2SFP
Interface	Ethernet Ports (Downlink/Uplink)	16 x 10/100/1000Mbps
	SFP Ports	2 x 1Gbps
PoE	PoE Ports	16
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	300W
	Average Power Per Channel	18.75W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	36Gbps
	Buffer Size	4.1Mb
	MAC Address Table	8K
	VLAN	2 Auto Modes (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In (±6KV)
	Wall Bracket	No
	Rack Bracket	Yes
	K-Slot (Anti Theft)	No
Power	Status Monitor	Yes
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 313W Max. / PoE Off: 10W Max.
	Fan	No
	Dimensions	440*232*45mm
	Weight	4kg
	Operating Temperature	~0°C-40°C



CCTV Mode Switch



Status LCD Monitor

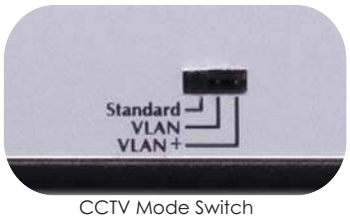
24+2SFP-Port Giga PoE Switch

PoES-24300GC+2SFP

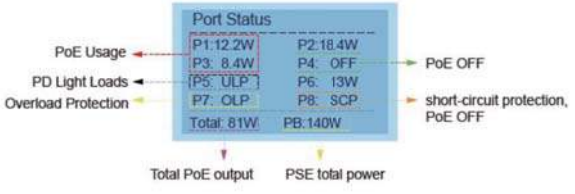
- 24x1Gbps PoE Ports
- All Ports Act as both Downlink/Uplink
- 2 SFP Uplink Ports
- 300W (Avg:18W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Built-in LCD for Status Indication
- CCTV mode:
  Up to 250 meter at 10Mbps
  Vlan function: no communication among downlink ports
- Rack Mount Bracket Included

Specifications

MODEL		PoES-24300GC+2SFP
Interface	Ethernet Ports (Downlink/Uplink)	24 x 10/100/1000Mbps
	SFP Ports	2 x 1Gbps
PoE	PoE Ports	24
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	380W
	Average Power Per Channel	15.8W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	52Gbps
	Buffer Size	4.1Mb
	MAC Address Table	8K
	VLAN	2 Auto Modes (In CCTV Mode)
Network Media	EIA/TIA-568	100Ω STP (Maximum 100m)
	10BASE-T	UTP Category 3, 4, 5 Cable (Maximum 100m)
	100BASE-TX	UTP Category 5, 5e Cable (Maximum 100m)
	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
Special	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In (±6KV)
	Wall Bracket	No
	Rack Bracket	Yes
	K-Slot (Anti Theft)	No
Power	Status Monitor	Yes
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 420W Max. / PoE Off: 10W Max.
	Fan	Yes
	Dimensions	440*232*44mm
	Weight	4.5kg
	Operating Temperature	~0°C-40°C



CCTV Mode Switch



Status LCD Monitor

PoE Accessories

1 Ch PoE Ethernet Splitter

Split PoE Port to DC Power + 10/100 Mbps Ethernet.
Designed for applications where having a PoE Switch and an end device which does not support PoE. the Splitter Split the PoE line to 2 independent Ethernet and DC lines

Model: PoESP-0112S

- Adjustable output 5VDC/2A, or 9VDC/1.5A or 12VDC/1A
- Maximum Power Output: Up To 12W.
- Short-Circuit Protection.
- High Efficiency DC/DC Converter
- Complies With IEEE802.3af Power Over Ethernet

Model: PoESP-0124W

- Adjustable output 5VDC/2A, or 9VDC/2A or 12VDC/2A
- Maximum Power Output: Up To 24W.
- Short-Circuit Protection.
- High Efficiency DC/DC Converter
- Complies With IEEE802.3af/at Power Over Ethernet

Model: PoESP-0160W*

- 24VDC / 2.5A Output
- Maximum Power Output: Up To 60W*.
- Short-Circuit Protection.
- High Efficiency DC/DC Converter
- Complies With IEEE802.3af/at/bt Power Over Ethernet

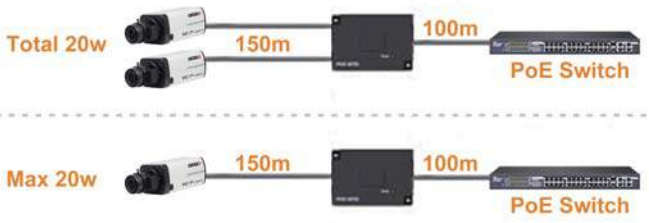
Requires High-Power 60W PoE input

1 to 2 CH PoE Extender (Repeater)

Model: PoER-02

Split 1Ch PoE to 2Ch and extend the PoE signal for additional 150 meters. Designed for applications where PoE camera or 2 are located over 100 meter distance from the PoE switch. Allows to transmit both camera's PoE signal over 1 Ethernet cable. This should simplify the installation, save on cabling cost and labor.

- Extends PoE Range Up To Additional 150 Meters
- 10/100Mbps Ethernet
- 1 Ch input / 2 Ch Output
- No Additional Power Supply Is Required*
- Automatically Detects And Protects PoE Equipment From Being Damaged By Incorrect Installation
- Compliance With IEEE802. 3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802. 3af/at standards
- Wall Bracket/Earthling Terminal
- Rail (mail/female) design to attach several units In a row



* Will cause a power loss of approx. 3 watt for its own operational use.
* Power (Watt) supplied to the camera in the end of the line depends on: Number of cameras ,cable distance and quality, and PoE power input.

PoE Accessories

1 Ch PoE Extender (Repeater)

Model: PoER-01

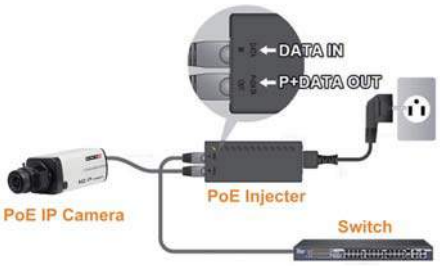
Extends PoE Signal for additional 100 meters.
Designed for applications where PoE camera located over 100 meters from the PoE Switch.

- Extends PoE Ethernet line range for up to 100 additional meters
- 10/100Mbps Ethernet
- No Additional Power Supply Is Required*
- Automatically Detects And Protects PoE equipment from being damaged due to Incorrect Installation

* Will cause a power loss of approx. 3 watt for its own operational use.
* Power (Watt) supplied to the camera in the end of the line depends on: Number of cameras ,cable distance and quality, and PoE power input.

1 Ch PoE Ethernet Injector

Turn Non-PoE Port to PoE port.
Designed for applications where PoE is required but there is no PoE switch on the site.



Model: PoEI-0130

- Downlink: 1x100Mbps Ports
- 30 watt maximum output
- Internal Power Supply (Requires 110/220AC Input)
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance: Up to 100 Meter
- Built-in Surge Protection

Model: PoEI-0160

- Downlink: 1x100Mbps Ports
- 60 watt maximum output
- Internal Power Supply (Requires 110/220AC Input)
- Complies With IEEE802.3af/at/bt Power Over Ethernet.
- Distance: Up to 100 Meter
- Built-in Surge Protection

Non-PoE Power Over Ethernet Converter

Model: DCoE-01

Designed To transmit DC Power and Ethernet Over Ethernet Cable.

- Full Set - Transmitter/Receiver
- 50 Meter working distance over standard Cat5e/6 cable
- Requires Camera External Power Supply
- Supply a DC Power Input To Camera and - not PoE

PoE Accessories

Ethernet over Coax (EoC)

Model: EoC-01

Designed for applications where IP camera is replacing an existing Analog camera so the Coax cable and DC12V power infrastructure are already available.

- Full Set - Transmitter + Receiver
- Up To 150 Meter of Ethernet over Coax
- Up to 1.5m for each ethernet cable (Cat5e Standard)
- 10Mbps Ethernet
- Passive Units: No Power supply needed for the EoC-01.
- Requires that the camera will be powered on

Ethernet + Power over Coax (EPoC)

Model: EPoC-01+

Designed for application where coaxial infrastructure is available, but power is not.
EPoC-01+ allows to transmit Ethernet signal and PoE power over coax cable.
The units can be cascaded for up to 4 IPC to be transmitted over a single Coax cable.

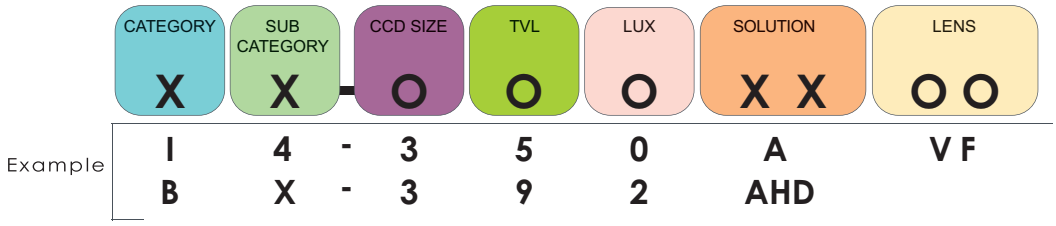
- Full Set - Transmitter + Receiver + 48VDC PSU
- Up To 500 Meter of Ethernet over Coax
- Up to 1.5m for each ethernet cable (Cat5e Standard)
- 10/100Mbps Ethernet (EEE802.3 / IEEE802.3u)
- Surge/Lightning protection design
- No configuration required

5MP Analog HD

Clarity Beyond Expectation

PRO 5MP
Professional solution using 1/2.7" CMOS
Great Day & Night performance
LED IR Array and OSD Menu with various options
Top image quality
ULTRA 1080P
Professional Solution using 1/3" CMOS
High quality image
Motorized zoom lens, true WDR
Great performance under extreme light conditions
PRO 1080P
Professional solution using 1/3" CMOS
Perfect Day & Night performance
LED IR Array and OSD menu with various options
Installers preferred choice
ECO 1080P
Solution using 1/3" CMOS
Great Day & Night performance
Equipped with a basic OSD Menu
Perfect for small installations
Basic 1080P
Solution using 1/3" CMOS
Plastic case
Cost effective
Perfect for indoor installation
Basic 720P
Solution using 1/3" CMOS
Plastic case
Cost effective
Perfect for indoor installation

Camera Model Name Index



Category

Symbol	Description
B	Body
D	Dome
I	Infra Red (IR) Bullet
M	Mini
Z	Ultra Z PTZ

Sub-Category

Symbol	Description
X	No Subcategory
A	Anti Vandal
AI	Anti Vandal (IR)
C	Pinhole Cone Shape
F	Fire Sprinkler
I	Infra Red (IR)
L	Spotlight Shape
M	Mini
PT	Pan/Tilt
S	Smoke Detector
V	PIR Detector
1	IR 10-19m
2	IR 20-29m
3	IR 30-39m
4	IR 40-49m
5	IR 50-59m

Sensor Size

Symbol	Description
2	~1/2"
3	~1/3"
4	1/4"

Resolution

Symbol	Description
8	1.3MP (720P)
9	2MP (1080P)
3	3MP
4	4MP
5	5MP

LUX

Symbol	Description
0	0 (IR On)
1	Below~0.009
2	0.01~0.1
3	0.11~0.3

Solution

Symbol	Description
AHD	AHD Pro
AHDE	AHD Economy
AHDU	AHD Ultra
A	"4in1"

Lens

Symbol	Description
28	2.8mm
36	3.6mm
04	4mm
VF	Vari-focal
MVF	Motorized VF (with Auto Focus)

AHD IR DOME CAMERA FIXED LENS

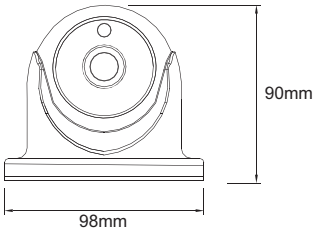
DI-380AHDB36

Basic 720P

MODEL	DI-380AHDB36
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1296(H)×964(V)
Scanning System	Progressive
Resolution	Digital:1280×720, Analog:960H
Min. Illumination	0.1Lux / (0Lux IR On)
Day & Night	True Day&Night (ICR)
IR LED	24 LED (15m)
OSD Menu	No
CoC Support	No
Day & Night Mode	External
Backlight Compensation	No
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto White-Balance
Noise Reduce	2D-DNR
Video Output	AHD/CVBS (Signal Selectable via Jumper)
Defog	No
Privacy Mask	No
Motion Detection	No
D-Effect	No
Lens (Field of View)	3.6mm (69°)
Power	DC12V±10%, ~220mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	98*98*90mm
Net weight	160g

Main Features:

Sensor: 1/3", 1.3 Mega-Pixel
Selectable output-720P AHD/Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 15m (24 IR LED)
Weight: 160g
Power: DC 12V, ~220mA



Junction Box
is available

Without Jumper: AHD Output

With Jumper: Analog Output

AHD IR BULLET CAMERA FIXED LENS

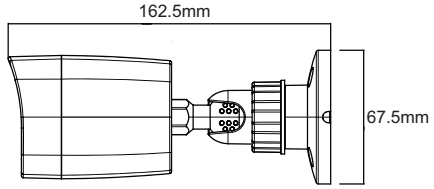
I1-380AHDB36

Basic 720P

MODEL	I1-380AHDB36
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1296(H)×964(V)
Scanning System	Progressive
Resolution	Digital:1280×720, Analog:960H
Min. Illumination	0.1Lux / (0Lux IR On)
Day & Night	True Day&Night (ICR)
IR LED	24 LED (15m)
OSD Menu	No
CoC Support	No
Day & Night Mode	External
Backlight Compensation	No
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto White-Balance
Noise Reduce	2D-DNR
Video Output	AHD/CVBS (Signal Selectable via Jumper)
Defog	No
Privacy Mask	No
Motion Detection	No
D-Effect	No
Lens (Field of View)	3.6mm (69°)
Power	DC12V±10%, ~220mA
Operation Temp.	-20°C~+50°C
Waterproof	IP66
Dimension	162.5*67.5*67.5mm
Net weight	180g

Main Features:

Sensor: 1/3", 1.3 Mega-Pixel
Selectable output-720P AHD/Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 15m (24 IR LED)
IP66
Weight: 180g
Power: DC 12V, ~220mA



Junction Box
is available

Without Jumper: AHD Output

With Jumper: Analog Output

HD ANALOG IR DOME CAMERA FIXED LENS

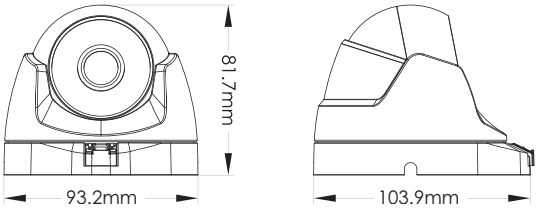
DI-390AHDE36+

MODEL	DI-390AHDE36+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux (0Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	24 IR LED (15m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, B&W, Auto
Backlight Compensation	Off/On
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto/Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens (Field of View)	3.6mm (83°)
Power	DC12V±10%, ~280mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	104*70.8*93.2mm
Net weight	270g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 15m (24 IR LED)
IP66
CoC Support
Weight: 270g
Power: DC 12V, ~280mA

Junction Box (PR-B37JB) is available



DIP Switch for Output Selection

HD ANALOG IR DOME CAMERA VARI-FOCAL LENS

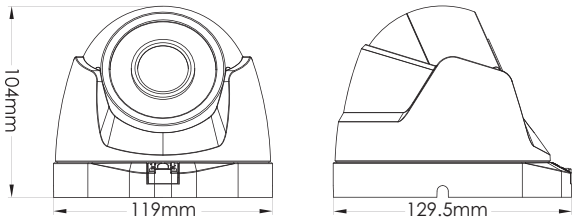
DI-390AHDEVF+

MODEL	DI-390AHDEVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux (0Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	36 IR LED (25m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, B&W, Auto
Backlight Compensation	Off/On
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto/Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens (Field of View)	2.8-12mm (103°-27°)
Power	DC12V±10%, ~360mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	129.5*90*119mm
Net weight	476g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 25m (36 IR LED)
IP66
CoC Support
Weight: 476g
Power: DC 12V, ~360mA

Junction Box (PR-B47JB) is available



DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA FIXED LENS

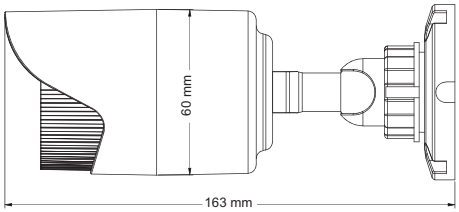
I1-390AHDE36+

MODEL	I1-390AHDE36+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux (0Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	24 LED (15m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, B&W, Auto
Backlight Compensation	Off/On
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto/Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens (Field of View)	3.6mm (83°)
Power	DC12V±10%, ~190mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	163*60*60mm
Net weight	275g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 15m (24 IR LED)
IP66
CoC Support
Weight: 275g
Power: DC 12V, ~190mA

Junction Box (PR-B30JB) is available



DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA FIXED LENS

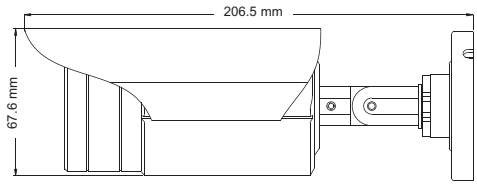
I3-390AHDE36+

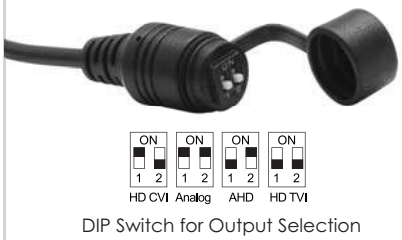
MODEL	I3-390AHDE36+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux (0Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	36 IR LED (25m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, B&W, Auto
Backlight Compensation	Off/On
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto/Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens (Field of View)	3.6mm (83°)
Power	DC12V±10%, ~360mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	206.5*67.6*68.5mm
Net weight	380g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 25m (36 IR LED)
IP66
CoC Support
Weight: 380g
Power: DC 12V, ~360mA

Junction Box (PR-B37JB) is available





DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA VARI-FOCAL LENS

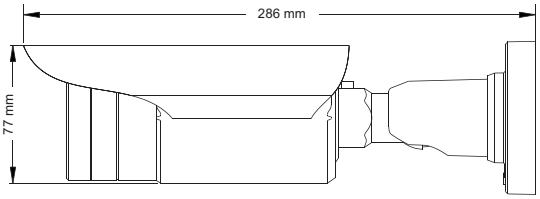
I4-390AHDEVF+

MODEL	I4-390AHDEVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux (0Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	42 IR LED (35m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, B&W, Auto
Backlight Compensation	Off/On
S/N Ratio	≥48dB (AGC Off)
White Balance	Auto/Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens (Field of View)	2.8-12mm (103°-27°)
Power	DC12V±10%, ~380mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 35m (42 IR LED)
IP66
CoC Support
Weight: 836g
Power: DC 12V, ~380mA

Junction Box (PR-B47JB) is available



DIP Switch for Output Selection

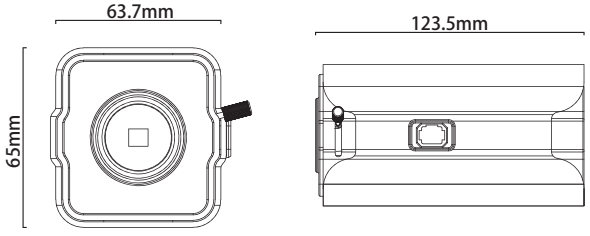
AHD BOX CAMERA

BX-392AHD

MODEL	BX-392AHD
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	No
OSD Menu	Available (11 Languages, AHD/CVBS Output Selectable)
CoC Support	CoC Support
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥60dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / 2D-DNR For CVBS
Video Output	AHD/CVBS (Signal Selectable from OSD)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	CS Mount
Power	DC12V±10%, ~100mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	123.5x63.7x65mm
Net weight	300g

Main Features:

Sensor: 1/3" ,2 Mega-Pixel
Selectable Output-1080P AHD/Analog
CS Lens Mount
True Day & Night – ICR
CoC Support
Weight: 300g
Power: DC 12V, ~100mA



HD ANALOG IR DOME CAMERA FIXED LENS

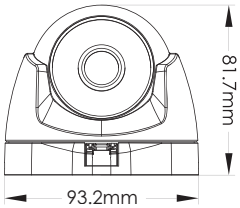
DI-390AHD28+

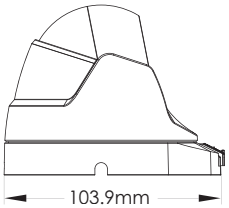
MODEL	DI-390AHD28+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux (0 Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	18 Wide IR LED (15m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8mm (105°)
Power	DC12V±10%, ~310mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	104*82*93.2mm
Net weight	270g

Main Features:

Sensor: 1/3" ,2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 15m (18 Wide IR LED)
IP66
CoC Support
Weight: 270g
Power: DC 12V, ~310mA

Junction Box (PR-B37JB) is available





DIP Switch for Output Selection

HD ANALOG IR DOME CAMERA FIXED LENS

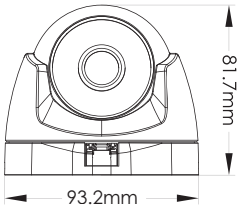
DI-390AHD36+

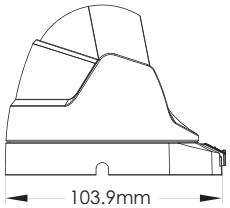
MODEL	DI-390AHD36+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux (0 Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	2 LED Array (20m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	3.6mm (76°)
Power	DC12V±10%, ~310mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	104*82*93.2mm
Net weight	270g

Main Features:

Sensor: 1/3" ,2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 20m (2 Array LED)
IP66
CoC Support
Weight: 270g
Power: DC 12V, ~310mA

Junction Box (PR-B37JB) is available





DIP Switch for Output Selection

HD ANALOG IR DOME CAMERA VARI-FOCAL LENS

DI-390AHDVF+

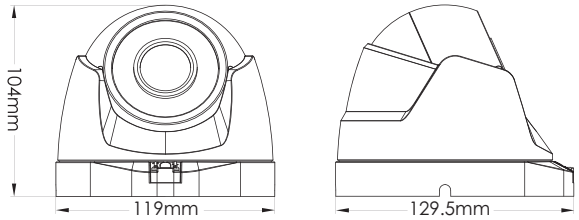
MODEL	DI-390AHDVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux (0 Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD/CVI/TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm (95°-25°)
Power	DC12V±10%, ~400mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	129.5*119*104mm
Net weight	476g

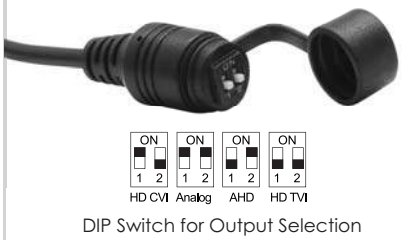
Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 25m (3 Array LED)
IP66
CoC Support
Weight: 476g
Power: DC 12V, ~400mA

Available in Grey Color

Junction Box (PR-B47JB) is available

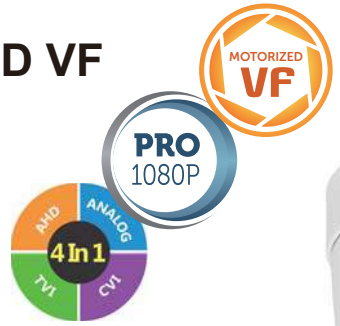




DIP Switch for Output Selection

HD ANALOG IR MOTORIZED VF DOME CAMERA

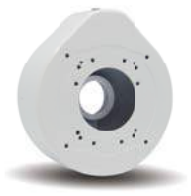
DI-390AHDMVF+



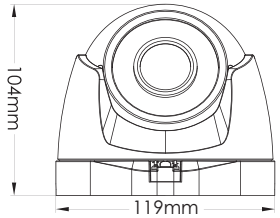
MODEL	DI-390AHDMVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD/CVI/TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm Motorized VF with Auto Focus - Control over CoC only (92°-29°)
Power	DC12V±10%, ~400mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	129.5*119*104mm
Net weight	476g

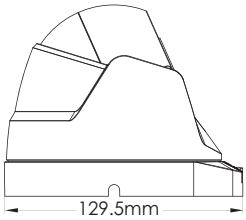
Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Motorized VF with Auto Focus
True Day & Night – ICR
IR Range: 25m (3 Array LED)
IP66
CoC Support
Weight: 476g
Power: DC 12V, ~400mA



Junction Box (PR-B47JB) is available





DIP Switch for Output Selection

HD ANALOG IR VANDAL PROOF DOME CAMERA VARI-FOCAL LENS

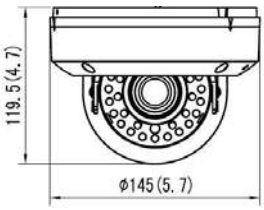
DAI-390AHDVF+

MODEL	DAI-390AHDVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux (0 Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	35 LED (20m)
OSD Menu	Available (11 Languages, AHD/CVBS Output Selectable)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥60dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD/CVI/TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm (95°-25°)
Power	DC12V±10%, ~250mA
Operation Temp.	-30°C~+50°C
Waterproof	Vandal Proof: IK10, Waterproof: IP66
Dimension	Φ145×119.5mm
Net weight	810g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 20m (35pcs)
IP66
IK10 Vandal Proof
CoC Support
Weight: 810g
Power: DC 12V, 250mA

Junction Box (PR-B40DJB) is available



Advanced Lens Adjustament Mechanism

DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA FIXED LENS

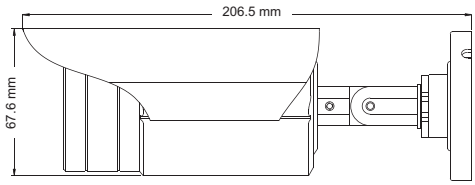
I3-390AHD36+

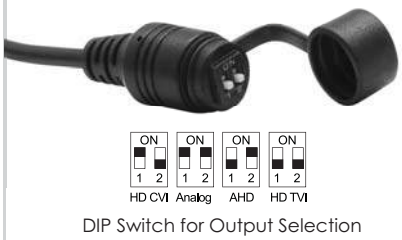
MODEL	I3-390AHD36+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux (0 Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (30m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	3.6mm (76°)
Power	DC12V±10%, ~410mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	206.5*67.6*68.5mm
Net weight	380g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 30m (3 Array LED)
IP66
CoC Support
Weight: 380g
Power: DC 12V, ~410mA

Junction Box (PR-B37JB) is available





DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA VARI-FOCAL LENS

I4-390AHDVF+

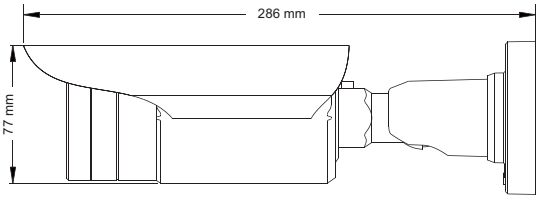
MODEL	I4-390AHDVF+
Image Sensor	1/3" 2MP Sensor
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux (0 Lux with IR On)
Day & Night	True Day&Night (ICR)
IR LED	4 LED Array (40m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm (95°-25°)
Power	DC12V±10%, ~480mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 40m (4 Array LED)
IP66
CoC Support
Weight: 836g
Power: DC 12V, ~480mA

Available in Grey Color

Junction Box (PR-B47JB) is available



DIP Switch for Output Selection

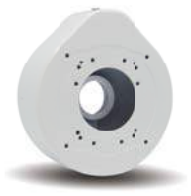
HD ANALOG IR MOTORIZED VF BULLET CAMERA

I4-390AHDMVF+

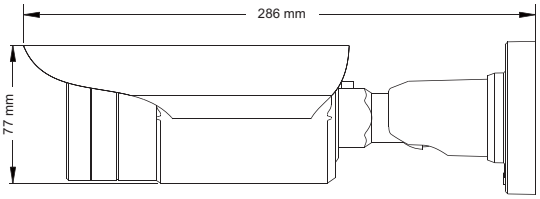
MODEL	I4-390AHDMVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	4 LED Array (40m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm Motorized VF with Auto Focus - Control over CoC only (92°-29°)
Power	DC12V±10%, ~480mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Motorized VF with Auto Focus
True Day & Night – ICR
IR Range: 40m (4 Array LED)
IP66
CoC Support
Weight: 836g
Power: DC 12V, ~480mA



Junction Box (PR-B47JB) is available



DIP Switch for Output Selection

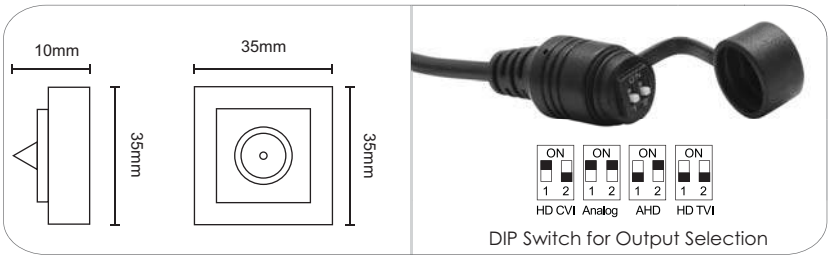
HD ANALOG HIDDEN CAMERA
PINHOLE MINI CAMERA

MC-392AHD37+

MODEL	MC-392AHD37+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	Yes
IR LED	Not Available
OSD Menu	Available(11 Languages, AHD/CVBS Output Selectable)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	3.7mm Pinhole Lens (78°)
Power	DC12V±10%, ~72mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	35*35*10mm
Net weight	90g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.7mm Pinhole Lens
Weight: 90g
Power: DC 12V, ~72mA



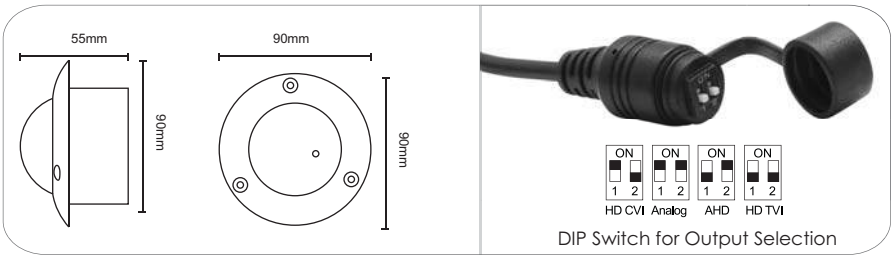
HD ANALOG HIDDEN CAMERA UFO HOUSING

DL-392AHD37+

MODEL	DL-392AHD37+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	Yes
IR LED	Not Available
OSD Menu	Available(11 Languages, AHD/CVBS Output Selectable)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	3.7mm Pinhole Lens (78°)
Power	DC12V±10%, ~72mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	Ø90*55mm
Net weight	210g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.7mm Pinhole Lens
Weight: 210g
Power: DC 12V, ~72mA



DIP Switch for Output Selection

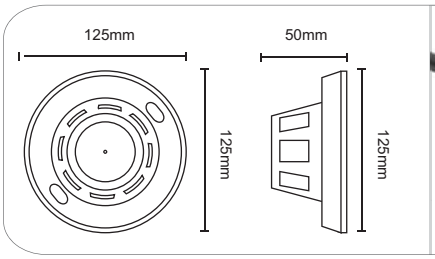
HD ANALOG HIDDEN CAMERA
DUMMY SMOKE DETECTOR HOUSING

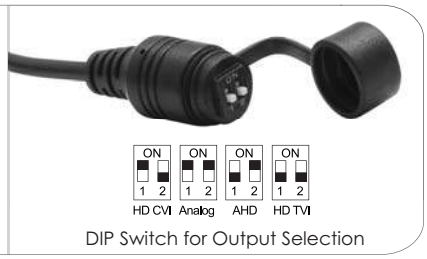
DS-392AHD37+

MODEL	DS-392AHD37+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	Yes
IR LED	Not Available
OSD Menu	Available(11 Languages, AHD/CVBS Output Selectable)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	3.7mm Pinhole Lens (78°)
Power	DC12V±10%, ~72mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	Ø125x50mm
Net weight	85g

Main Features:

Sensor: 1/3" ,2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.7mm Pinhole Lens
Weight: 85g
Power: DC 12V, ~72mA





DIP Switch for Output Selection

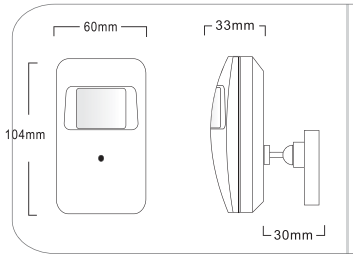
HD ANALOG HIDDEN IR CAMERA DUMMY PIR HOUSING

IV-390AHD37+

MODEL	IV-390AHD37+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	10m (18 IR LED)
OSD Menu	Available(11 Languages, AHD/CVBS Output Selectable)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥72dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	3.7mm Pinhole Lens (78°)
Power	DC12V±10%, ~212mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	104*60*66mm
Net weight	94g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.7mm Pinhole Lens
True Day & Night – ICR
IR Range:10m (18 IR LED)
Weight: 94g
Power: DC 12V, ~212mA



Hidden IR LED

DIP Switch for Output Selection

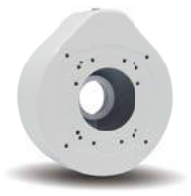
HD ANALOG IR MOTORIZED VF DOME CAMERA

DI-391AHDU-MVF+

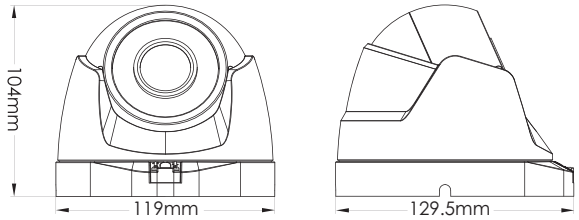
MODEL	DI-391AHDU-MVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1105(V)
Scanning System	Progressive
Resolution	Digital:1920x1080 + Analog:960H
Min. Illumination	0.001Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HLC/True WDR (120dB - Digital Output Only)
S/N Ratio	≥60dB (AGC Off)
White Balance	Auto, Manual, Auto-Push
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI (Selectable by the OSD Controller) + CVBS
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm Motorized with Auto-Focus (100°-29°)
Power	DC12V±10%, ~400mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	129.5*90*119mm
Net weight	476g

Main Features:

Sensor: 1/3" CMOS, 2 Mega-Pixel
Dual Video Output: 1080P AHD / CVI / TVI + Analog
Lens: 2.8-12mm Motorized with Auto Focus
True Day & Night – ICR
True WDR (Digital Output Only)
IR Range: 25m (3 Array LED)
IP66
CoC Support
Weight: 476g
Power: DC 12V, ~400mA



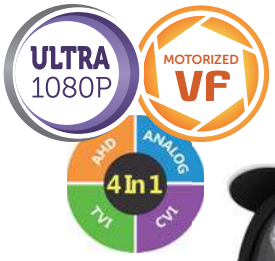
Junction Box (PR-B47JB) is available



OSD Controller

HD ANALOG 40 IR MOTORIZED VF BULLET CAMERA

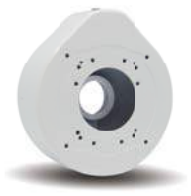
I4-391AHDU-MVF+



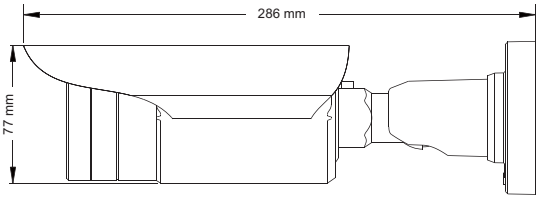
MODEL	I4-391AHDU-MVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	1984(H)×1105(V)
Scanning System	Progressive
Resolution	Digital:1920x1080 + Analog:960H
Min. Illumination	0.001Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	4 LED Array (40m)
OSD Menu	Available
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HLC/True WDR (120dB - Digital Output Only)
S/N Ratio	≥60dB (AGC Off)
White Balance	Auto, Manual, Auto-Push
Noise Reduce	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS
Video Output	AHD / CVI / TVI (Selectable by the OSD Controller) + CVBS
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens (Field of View)	2.8-12mm Motorized with Auto-Focus (90°-27°)
Power	DC12V±10%, ~480mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

Main Features:

Sensor: 1/3", 2 Mega-Pixel
Dual Video Output: 1080P AHD / CVI / TVI + Analog
Lens: 2.8-12mm Motorized with Auto Focus
True Day & Night – ICR
True WDR (Digital Output Only)
IR Range: 40m (4 Array LED)
IP66
CoC Support
Weight: 836g
Power: DC 12V, ~480mA



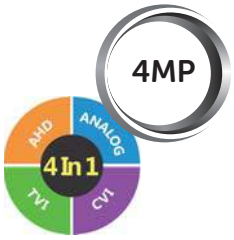
Junction Box (PR-B47JB) is available



OSD Controller

HD ANALOG IR VANDAL PROOF DOME CAMERA VARI-FOCAL LENS

DAI-340AHDVF+

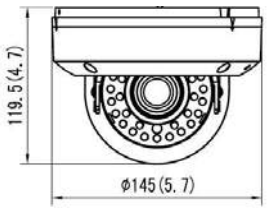


MODEL	DAI-340AHDVF+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital: 2560x1440
Min. Illumination	0.01Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	35 LED (20m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off / BLC
S/N Ratio	≥50dB (AGC Off)
White Balance	ATW, Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Mirror
Lens (Field of View)	2.8-12mm (95°-28°)
Power	DC12V±10%, ~250mA
Operation Temp.	-30°C~+50°C
Waterproof	Vandal Proof: IK10, Waterproof: IP66
Dimension	Φ145×119.5mm
Net weight	810g

Main Features:

Sensor: 1/3", 4 Mega-Pixel
Selectable Output: 4MP AHD / CVI / TVI / CVBS
Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 20m (35pcs)
IP66
IK10 Vandal Proof
CoC Support
Weight: 810g
Power: DC 12V, 250mA

Junction Box (PR-B40DJB) is available

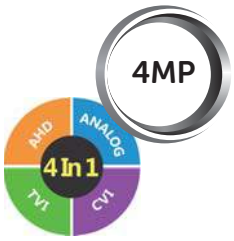


Advanced Lens Adjustament Mechanism

DIP Switch for Output Selection

HD ANALOG HIDDEN IR CAMERA DUMMY PIR HOUSING

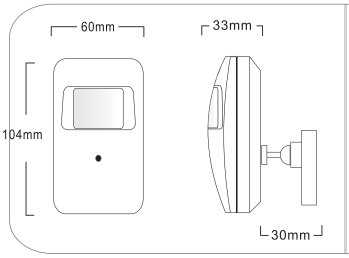
IV-340AHD37+



MODEL	IV-340AHD37+
Image Sensor	1/3" CMOS
Image Format	16:9
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital: 2560x1440
Min. Illumination	0.01Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	18 LED (10m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off / BLC
S/N Ratio	≥50dB (AGC Off)
White Balance	ATW, Manual
Noise Reduce	2D-DNR
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Mirror
Lens (Field of View)	3.7mm Pinhole Lens (72°)
Power	DC12V±10%, ~212mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	104*60*66mm
Net weight	94g

Main Features:

Sensor: 1/3", 4 Mega-Pixel
Selectable Output: 4MP AHD / CVI / TVI / CVBS
Lens: 3.7mm Pinhole Lens
True Day & Night – ICR
IR Range:10m (18 IR LED)
CoC Support
Weight: 94g
Power: DC 12V, ~212mA

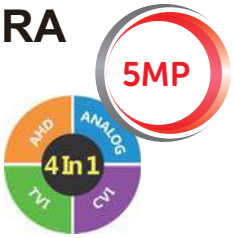


Hidden IR LED

DIP Switch for Output Selection

HD ANALOG IR DOME CAMERA FIXED LENS

DI-350A36



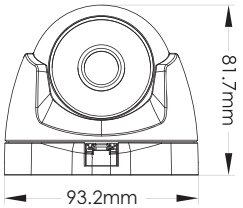
MODEL	DI-350A36
Image Sensor	1/2.7" CMOS
Image Format	5MP - 4:3 / 4MP - 16:9
Effective Pixels	2592(H)×1944(V)
Scanning System	Progressive
Resolution	5MP: 2592x1944 @ 20FPS, 4MP: 2560x1440 @25/30FPS
Min. Illumination	0.01Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	2 LED Array (20m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off / BLC
S/N Ratio	≥35dB (AGC Off)
White Balance	ATW, Manual
Noise Reduce	2D-DNR
Video Output	5MP / 4MP (Selectable by OSD Menu) AHD / TVI / CVI (4MP Only) / CVBS (Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Mirror
Lens (Field of View)	3.6mm (74°)
Power	DC12V±10%, ~280mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	104*82*93.2mm
Net weight	270g

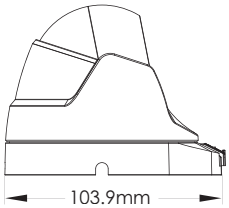
Main Features:

Sensor: 1/2.7", 5 Mega-Pixel
Selectable Output:
- 5MP: AHD / TVI
- 4MP: AHD / CVI / TVI
- CVBS

Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 20m (2 Array LED)
IP66
CoC Support
Weight: 270g
Power: DC 12V, ~280mA

Junction Box (PR-B37JB) is available

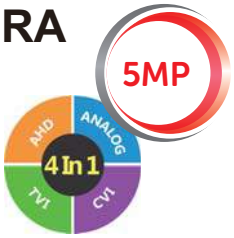




DIP Switch for Output Selection

HD ANALOG IR DOME CAMERA VARI-FOCAL LENS

DI-350AVF



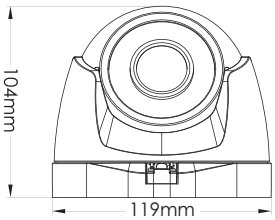
MODEL	DI-350AVF
Image Sensor	1/2.7" CMOS
Image Format	5MP - 4:3 / 4MP - 16:9
Effective Pixels	2592(H)×1944(V)
Scanning System	Progressive
Resolution	5MP: 2592x1944 @ 20FPS, 4MP: 2560x1440 @25/30FPS
Min. Illumination	0.01Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off / BLC
S/N Ratio	≥35dB (AGC Off)
White Balance	ATW, Manual
Noise Reduce	2D-DNR
Video Output	5MP / 4MP (Selectable by OSD Menu) AHD / TVI / CVI (4MP Only) / CVBS (Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Mirror
Lens (Field of View)	2.8-12mm (91°-25°)
Power	DC12V±10%, ~360mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	129.5*119*104mm
Net weight	476g

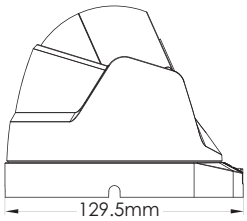
Main Features:

Sensor: 1/2.7", 5 Mega-Pixel
Selectable Output:
- 5MP: AHD / TVI
- 4MP: AHD / CVI / TVI
- CVBS

Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 25m (3 Array LED)
IP66
CoC Support
Weight: 476g
Power: DC 12V, ~360mA

Junction Box (PR-B47JB) is available





DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA FIXED LENS

I3-350A36

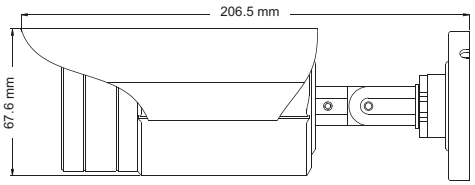
MODEL	I3-350A36
Image Sensor	1/2.7" CMOS
Image Format	5MP - 4:3 / 4MP - 16:9
Effective Pixels	2592(H)×1944(V)
Scanning System	Progressive
Resolution	5MP: 2592x1944 @ 20FPS, 4MP: 2560x1440 @25/30FPS
Min. Illumination	0.01Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (30m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off / BLC
S/N Ratio	≥35dB (AGC Off)
White Balance	ATW, Manual
Noise Reduce	2D-DNR
Video Output	5MP / 4MP (Selectable by OSD Menu) AHD / TVI / CVI (4MP Only) / CVBS (Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Mirror
Lens (Field of View)	3.6mm (74°)
Power	DC12V±10%, ~360mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	206.5*67.6*68.5mm
Net weight	380g

Main Features:

Sensor: 1/2.7", 5 Mega-Pixel
Selectable Output:
- 5MP: AHD / TVI
- 4MP: AHD / CVI / TVI
- CVBS

Lens: 3.6mm Mega-Pixel Fixed
True Day & Night – ICR
IR Range: 30m (3 Array LED)
IP66
CoC Support
Weight: 380g
Power: DC 12V, ~360mA

Junction Box (PR-B37JB) is available



DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA VARI-FOCAL LENS

I4-350AVF

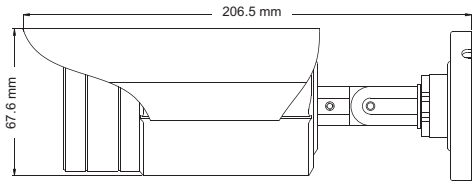
MODEL	I4-350AVF
Image Sensor	1/2.7" CMOS
Image Format	5MP - 4:3 / 4MP - 16:9
Effective Pixels	2592(H)×1944(V)
Scanning System	Progressive
Resolution	5MP: 2592x1944 @ 20FPS, 4MP: 2560x1440 @25/30FPS
Min. Illumination	0.01Lux (0 Lux with IR on)
Day & Night	True Day&Night (ICR)
IR LED	4 LED Array (40m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off / BLC
S/N Ratio	≥35dB (AGC Off)
White Balance	ATW, Manual
Noise Reduce	2D-DNR
Video Output	5MP / 4MP (Selectable by OSD Menu) AHD / TVI / CVI (4MP Only) / CVBS (Selectable via DIP Switch on cable)
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Mirror
Lens (Field of View)	2.8-12mm (91°-25°)
Power	DC12V±10%, ~450mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

Main Features:

Sensor: 1/2.7", 5 Mega-Pixel
Selectable Output:
- 5MP: AHD / TVI
- 4MP: AHD / CVI / TVI
- CVBS

Lens: 2.8-12mm Mega-Pixel Vari-Focal
True Day & Night – ICR
IR Range: 40m (4 Array LED)
IP66
CoC Support
Weight: 836g
Power: DC 12V, ~450mA

Junction Box (PR-B37JB) is available



DIP Switch for Output Selection

HD Analog Cameras Compare Table

	720P		1080P					
	Basic AHD		Eco Analog HD					
Model Name	DI-390AHDB36	I1-390AHDB36	DI-390AHDE36+	DI-390AHDEVF+	I1-390AHDE36+	I3-390AHDE36+	I4-390AHDEVF+	
Image Sensor (Format)	1/3" 1.3MP CMOS Sensor (16:9)		1/3" 2MP CMOS Sensor (16:9)					
Effective Pixels	1296(H)×964(V)		1928(H)×1088(V)					
Scanning System	Progressive		Progressive					
Resolution	Digital:1280×720, Analog:960H		Digital:1920×1080P, Analog:960H					
Min. Illumination	0.1Lux / (0Lux IR On)		0.1Lux / (0Lux IR On)					
Day & Night	True Day&Night (ICR)		True Day&Night (ICR)					
IR LED	24 LED (15m)	24 LED (15m)	24 LED (15m)	36 LED (25m)	24 LED (15m)	36 LED (25m)	42 LED (35m)	
OSD Menu	Not Available		Available in AHD/CVI/TVI Only via CoC					
Day & Night Mode	Auto (Ext)		EXT, Color, B&W, Auto					
Backlight Compensation	Not Available		Off/BLC/HSBLC					
S/N Ratio	≥48dB (AGC Off)		≥48dB (AGC Off)					
White Balance	Auto White Balance		ATW,AWC,Indoor,Outdoor,Manual,AWB					
Noise Reduce	2D-DNR		2D-DNR					
Video Output	AHD/CVBS (Jumper Selection)		AHD / CVI / TVI / CVBS (Signal Selectable via DIP switch on cable)					
Defog	Not Available		Off/On					
Privacy Mask	Not Available		Not Available					
Motion Detection	Not Available		Not Available					
D-Effect	Not Available		Not Available					
Lens	3.6mm	3.6mm	3.6mm	2.8-12mm	3.6mm	3.6mm	2.8-12mm	
Field of View	69°	69°	83°	103°-27°	83°	83°	103°-27°	
Power Consumption	~220mA	~190mA	~280mA	~250mA	~190mA	~360mA	~380mA	
Power Input	DC12V±10%		DC12V±10%					
Operation temp.	-20°C~+50°C		-30°C~+50°C					
Waterproof	No	IP66	IP66					
Dimension	98*98*90mm	163*60*60mm	104*70.8*93.2mm	129.5*90*119mm	163*60*60mm	206.5*67.6*68.5mm	286*77*85.6mm	
Net weight	160g	275g	269g	476g	275g	380g	836g	

1080P

Pro Analog HD

BX-392AHD	DI-390AHD28+	DI-390AHD36+	DI-390AHDVF+	DI-390AHDMVF+	DAI-390AHDVF+	I3-390AHD36+	4-390AHDVF+	I4-390AHDMVF+
1/3" 2MP CMOS Sensor (16:9)								
1984(H)×1225(V)								
Progressive								
Digital:1920×1080P, Analog:960H								
0.01Lux / (0Lux IR On)								
True Day&Night (ICR)								
N/A	19 Wide LED (15m)	2 LED Array (15m)	3 LED Array (25m)	3 LED Array (25m)	35 LED (20m)	3 LED Array (25m)	4 LED Array (40m)	4 LED Array (40m)
Available on AHD/CVI/TVI Only via CoC (11 Languages)								
EXT, Color, B&W, Auto								
Off/BLC/HSBLC								
≥72dB (AGC Off)								
ATW,AWC,Indoor,Outdoor,Manual,AWB								
3D DNR for Digital / 2D-DNR for CVBS								
AHD / CVBS	AHD / CVI / TVI / CVBS (Signal Selectable via DIP switch)							
Off/On								
On/Off (4 Areas)								
On/Off (4 Areas)								
Freeze, Mirror, Negative Image								
CS Mount	2.8mm	3.6mm	2.8-12mm	2.8-12mm Motorized	2.8-12mm	3.6mm	2.8-12mm	2.8-12mm Motorized
N/A	105°	76°	95°-25°	100°-29°	95°-25°	76°	95°-25°	100°-29°
~100mA	~310mA	~310mA	~400mA	~400mA	~250mA	~410mA	~480mA	~480mA
DC12V±10%								
-10°C~+50°C	-30°C~+50°C							
No	IP66							
123.5x63.7x65mm	104*70.8*93.2mm	104*70.8*93.2mm	129.5*90*119mm	129.5*90*119mm	Φ145×119.5mm	206.5*67.6*68.5mm	286*77*85.6mm	286*77*85.6mm
300g	269g	269g	476g	476g	810g	380g	836g	836g

HD Analog Cameras Compare Table

	1080P				1080P		
	Pro HD Analog(Hidden)				Ultra HD Analog		
Model Name	**MC-392AHD37+**	**DL-392AHD37+**	**DS-392AHD37+**	**IV-390AHD37+**	**DI-391AHDU-MVF+**	**I4-391AHDU-MVF+**	
Image Sensor	1/3" CMOS				1/3" CMOS		
Effective Pixels	1920(H)×1080(V)				1984(H)×1105(V)		
Scanning System	Progressive				Progressive		
Resolution	Digital:1920×1080P, Analog:960H				Digital:1920x1080 + Analog:960H*		
Min. Illumination	0.01Lux			0.01Lux / (0Lux IR On)	0.001Lux / (0Lux IR On)		
Day & Night	True Day&Night (ICR)				True Day&Night (ICR)		
IR LED	No	No	No	18 LED (10m)	3 LED Array (25m)	4 LED Array (40m)	
OSD Menu	Available on AHD/CVI/TVI Only via CoC (11 Languages)				Available for AHD / CVI / TVI via CoC/OSD Controller		
Day & Night Mode	EXT, Color, B&W, Auto				EXT, Color, B&W, Auto		
Backlight Compensation	Off/BLC/HSBLC				Off/BLC/HLC/True WDR* (Digital Output Only)		
S/N Ratio	≥60dB (AGC Off)				≥60dB (AGC Off)		
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB				ATW,AWC,Indoor,Outdoor,Manual,AWB		
Noise Reduce	3D DNR for Digital / 2D-DNR for CVBS				3D-DNR For Digital / 2D-DNR For CVBS*		
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP switch)				AHD / CVI / TVI (Selectable via OSD Controller) + CVBS		
Defog	Off/On				Off/On		
Privacy Mask	On/Off (4 Areas)				On/Off (4 Areas)		
Motion Detection	On/Off (4 Areas)				On/Off (4 Areas)		
D-Effect	Freeze, Mirror, Negative Image				Freeze, Mirror, Negative Image		
Lens	3.7mm Pinhole				2.8-12mm Motorized with Auto-Focus		
Field of View	78°				100°-29°	90°-27°	
Power Consumption	~72mA	~72mA	~72mA	~212mA	~400mA	~480mA	
Power Input	DC12V±10%				DC12V±10%,		
Operation temp.	-10°C~+50°C				-30°C~+50°C		
Waterproof	No				IP66		
Dimension	35*35*10mm	Ø90*55mm	Ø125x50mm	104*60*66mm	129.5*90*119mm	206.5*67.6*68.5mm	
Net weight	90g	210g	85g	94g	476g	380g	

	4MP		5MP			
	Pro HD Analog		Pro HD Analog			
	DAI-340AHDVF+	IV-340AHD37+	DI-390AHD36+	DI-390AHDVF+	I3-390AHD36+	I4-390AHDVF+
	1/3" CMOS (16:9)		1/2.7" CMOS (4:3 for 5MP / 16:9 for 4MP)			
	2688(H)×1520(V)		2592(H)×1944(V)			
	Progressive		Progressive			
	Digital:2560×1440 + Analog:960H*		5MP: 2592×1944@20FPS, 4MP: 2560×1440@25/30FPS			
	0.01Lux / (0Lux IR On)		0.01Lux / (0Lux IR On)			
	True Day&Night (ICR)		True Day&Night (ICR)			
	35 LED (20m)	18 LED (10m)	2 LED Array (15m)	3 LED Array (25m)	3 LED Array (25m)	4 LED Array (40m)
	Available for AHD / CVI / TVI via CoC/OSD Controller		Available on AHD/CVI/TVI Only via CoC (11 Languages)			
	EXT, Color, B&W, Auto		EXT, Color, B&W, Auto			
	Off / BLC / HSBLC		Off/BLC/HSBLC			
	≥50dB (AGC Off)		≥35dB (AGC Off)			
	ATW, Manual		ATW, Manual			
	2D-DNR		2D-DNR			
	AHD / TVI / CVI (4MP) / CVBS (Signal Selectable via DIP switch)		AHD / TVI / CVI (4MP) / CVBS (Signal Selectable via DIP switch)			
	Not Available		Not Available			
	Not Available		Not Available			
	Not Available		Not Available			
	Not Available		Mirror			
	2.8-12mm	3.6mm	3.6mm	2.8-12mm	3.6mm	2.8-12mm
	95°-28°	72°	74°	91°-25°	74°	91°-25°
	DC12V±10%		DC12V±10%			
	~250mA	~212mA	~310mA	~400mA	~410mA	~480mA
	IP66	No	IP66			
	-30°C~+50°C	-10°C~+50°C	-30°C~+50°C			
	Φ145×119.5mm	104*60*66mm	104*70.8*93.2mm	129.5*90*119mm	206.5*67.6*68.5mm	286*77*85.6mm
	810g	94g	269g	476g	380g	836g

PROFESSIONAL PTZ CAMERA Series

HD PTZ Cameras

PTZ Cameras

PTZ (Pan, Tilt, Zoom) camera. PTZ cameras provide the user with the utmost freedom; It covers large areas and various distances. Provision-ISR's IR PTZs are capable of providing a bright and sharp image even in complete darkness.
Moreover, not only is the PTZ capable of performing under manual control, it can also work in an automated environment and perform a variety of pre-configured actions made by the user.

The Ultra-Z IR Speed Dome Series

This camera has Ultra-Z's best features combined with superb night performance, thanks to the intelligent IR LED addition.

With the New Ultra-ZIR, Darkness Never Looked So Bright.

- Ultra-Fast
- High Resolution
- Ultra-Accurate
- Time Schedule Function
- Installation Friendly
- IP 66
- I/O
- IR LED ARRAY (100m)
- True day/night with ICR filter
- "Hands Free" Improved Bracket

The Ultra-Z IR was fitted with IR LEDs to give it super performance in low light.

The Ultra-Z IR is equipped with a smart synchronization system between the lens's zoom factors to the IR illumination intensity.

Meaning: perfect correlation between zoom and IR illumination: The more the camera zooms in, the stronger and narrower the IR light will be.

These IR cameras are equipped with integral 8 LED array divided into 3 groups providing different illumination angles and distances. This was designed to provide flawless illumination coverage at any focal position from the widest scene to the narrowest. Each LED group will turn on/off on it's on, to ensure an equal level of illumination and preventing over/under exposure.

The improved "hands-free" bracket:

Like all other PTZ cameras in the Ultra-Z series, the IR version is designed with a junction box, But now, not only are the cable connections external, they are also "hands free", due to a wall-connecting between the junction box and the cover holding the camera, allowing the installer to connect cables freely.

ULTRA-Z HD ANALOG

Z-20A-2(IR)

Main Features:

- Preset speed of 350°/Sec (max)
- Preset accuracy up to 0.1°
- Endless Pan Rotation 360° & continuously Tilt with Auto flip 180°
- Preset position, cruise, pattern and auto scan
- Alarm (I/O): 7 Input / 2 Output
- Full function OSD Menu
- IP66 protection.
- x20 Optical zoom
- "4in1" (AHD/CVI/TVI/CVBS)
- 100m Intelligent IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support
- Bracket with junction box for easy installation

Camera

Model		Ultra-Z Z-20A-2 (IR)
Sensor		1/2.8" CMOS
Resolution	HD Analog	2MP(1920x1080)
	Analog	700TVL
Optical Zoom		x20 (4.9-97mm)
Digital Zoom		Yes
Minimum Focus Distance		1.5M
Horizontal Angle of View		H: 56.2° (Wide) to 3.1° (Tele) V: 33.4° (Wide) to 1.7° (Tele)
Sync System		Internal
Min. Illumination		0.01lux (0 Lux with IR On)
Day & Night		Auto/Day/Night (ICR)
S/N Ratio		>50dB
Focus		Auto/Manual
Auto Gain		Auto/Manual
Wide-D		No
White Balance		ATW/Manual/Outdoor/Indoor
BLC		On/Off
Shutter Speed		1/50~1/10000
Sense Up		No
Noise Reduction		3D-DNR
Stabilizer		No
Flip		On/Off
Picture Freeze		No
Iris		Fixed
Flikerness		No

Pan/Tilt

Pan tilt Range	360° (Endless)/ 180° (Auto Flip)
Preset Speed	Horizontal: 350°/s, Vertical: 120°/s
Manual Speed	Horizontal: 0.01°/s - 240°/s,Vertical: 0.01°/s - 120°/s
Preset	255
Pattern	Up to 4
Auto Scan	Up to 4
Group	Up to 8
Schedule	No
Privacy Zone Masking	No
Park Function	Yes

Communication

Data Type	CoC* (Control over Coax) RS-485
Protocols	CoC / Pelco-D/P
Baud Rates	2400, 4800, 9600
Camera ID	1 - 255
Alarm I/O	7 Input , 2 Output
On Screen Display	OSD menu, Camera position, Dome ID, Alarm status, Preset / Pattern tour status

Mechanical

IR Distance	100m Intelligent IR LED
Fan / Heater	Yes (Automatic / Manual Operation)
Sunshield	Yes
Humidity range	<90%
Power Supply	24VAC/3A
Operation temperature	-35°C~+50°C
Dimensions	28.0*28.0*50.4cm
Ingress Protection	IP66
Weight	6.386KG

*CoC must be supported on the controlling unit as well
*CoC not supported for 720P and CVBS video signals

MINI ULTRA-Z

Z-10AHD-2(IR)+

Main Features:

- Preset speed of 240°/Sec (max)
- Preset accuracy up to 0.1°
- Endless Pan Rotation 360° & continuously Tilt with Auto flip 180°
- Preset position, cruise, pattern and auto scan
- Full function OSD Menu
- IP66 protection.
- x10 Optical zoom
- 2MP/1MP "3in1"
- 60m Intelligent IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support

Camera Specification

Model		Ultra-Z Z-10AHD-2 (IR)+
CCD		1/3" CMOS
Resolution	AHD	2MP/1MP (AHD / TVI - 1920x1080/1280x720)
	Analog	700TVL
Optical Zoom		x10 (3.8-38mm)
Digital Zoom		No
Minimum Focus Distance		1.5M
Horizontal Angle of View		H: 64 (Wide) to 7.3 (Tele) V: 53.2 (Wide) to 4.8 (Tele)
Sync System		Internal
Min. Illumination		0.01lux (0 Lux with IR On)
Day & Night		Auto/Day/Night (ICR)
S/N Ratio		>50dB
Focus		Auto/Manual
Auto Gain		Auto/Manual
Wide-D		No
White Balance		ATW/Manual/Outdoor/Indoor
BLC		On/Off
Shutter Speed		1/50~1/10000
Sense Up		No
Noise Reduction		3D-DNR
Stabilizer		No
Flip		On/Off
Picture Freeze		No
Iris		Auto
Flikerness		No

Pan/Tilt Specification

Pan tilt Range	360 (Endless)/ 180 (Auto Flip)
Pan tilt Speed	Max Preset Speed: 240/Sec Manual: 0.08~180/Sec (Proprtional to Zoom)
Preset	220
Pattern	up to 4
Auto Scan	Up to 4
Group	Up to 4
Schedule	No
Privacy zone masking	No
Park Function	Yes

Communication Specification

Data Type	CoC* (Control over Coax) RS-485
Protocols	CoC / Pelco-D/P
Baud Rates	2400, 4800, 9600
Camera ID	1 - 255
Alarm I/O	No
On Screen Display	OSD menu, Camera position, Dome ID, Preset / Pattern tour status

Mechanical

IR Distance	60m Intelligent IR LED
Fan / Heater	No
Sunshield	No
Humidity range	<90%
Power Supply	12VDC/2A
Operation temperature	-20~+50°C
Dimensions	13.5*13.5*19.9cm
Ingress Protection	IP66
Weight	3.200KG

*CoC must be supported on the controlling unit as well
*CoC not supported for 720P and CVBS video signals

PAN/TILT IR BULLET CAMERA WITH MOTORIZED VF LENS

I5PT-390AHDX10+
I5PT-390AHDX4+

CoC Control over Coax

4 In 1 (AHD, ANALOG, TVI, CVI)

Main Features:

- Preset speed of 12°/Sec (max)
- Preset accuracy up to 0.1°
- Preset position, cruise, pattern and auto scan
- OSD Menu
- IP66 protection.
- Optical zoom
- 2MP "4in1"
- 50m IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support

Camera Specification

Model		I5-PTZ	
		I5PT-390AHDX10+	I5PT-390AHDX4+
CCD		1/3" CMOS	
Resolution	HD Analog	2MP (AHD / CVI / TVI - 1920x1080)	
	Analog	700TVL	
Optical Zoom		x10 (5.1-51mm)	x4 (2.8-12mm)
Digital Zoom		No	
Minimum Focus Distance		1.5M	
Horizontal Angle of View		H: 50.4°(Wide) to 5.4°(Tele) V: 29.7°(Wide) to 3°(Tele)	81.2°(Wide) to 22.6°(Tele) 51.5°(Wide) to 12.8°(Tele)
Sync System		Internal	
Min. Illumination		0.01lux (0 Lux with IR On)	
Day & Night		Auto/Day/Night (ICR)	
S/N Ratio		>50dB	
Focus		Auto/Manual	
Auto Gain		Auto/Manual	
Wide-D		No	
White Balance		ATW/Manual/Outdoor/Indoor	
BLC		On/Off	
Shutter Speed		1/50~1/10000	
Sense Up		No	
Noise Reduction		3D-DNR	
Stabilizer		No	
Flip		On/Off	
Picture Freeze		No	
Iris		Auto	
Flikerness		No	

Pan/Tilt Range

Pan/Tilt Specification

Pan tilt Range	250° Pan/ 65° Tilt
Pan tilt Speed	Max Preset Speed: 12°/Sec Manual: 0.5°~12°/Sec (Proprtional to Zoom)
Preset	255
Pattern	Up to 4
Auto Scan	Yes
Group	4 Groups (Non-Configurable)
Schedule	No
Privacy Zone Masking	No
Park Function	Yes (Preset 1 Only)

Communication Specification

Data Type	CoC* (Control over Coax), RS-485
Protocols	CoC / Pelco-D
Baud Rates	2400
Camera ID	1 - 255
Alarm I/O	No
On Screen Display	OSD menu, Camera position

Mechanical

IR Distance	50m IR LED Array
Fan / Heater	No
Sunshield	Yes
Humidity range	<90%
Power Supply	12VDC/2A (Not supplied)
Operation temperature	-20°C~+50°C
Dimensions	225*175*94mm
Ingress Protection	IP66
Weight	920gr

*CoC must be supported on the controlling unit as well
*CoC not supported in CVBS mode

Standalone DVR Series

HD Analog DVRs

Recording Solutions

DVR systems are the “heart” of any CCTV installation.
All information streamed from the cameras accumulates into the DVR. The DVR captures the video signal coming from the camera, converts and saves it in digital format. Therefore, when it comes down to the final video resolution, the DVR’s quality is as important as the cameras’. Moreover, since all the recording data is saved and rewritten over and over on the DVR, it must be an extremely reliable and high standard product.

All of Provision–ISR DVR’s are designed and manufactured according to researched and practiced knowledge over many years of experience. All DVRs use the advanced H.264 video compression format to deliver maximum video quality, while using minimum storage volume. Provision–ISR DVRs are made of the highest quality components and adapted to work in a wide–range of different conditions and applications. All of our DVRs stand out for their “full feature” operating system with use friendly graphical interface running from its powerful processor.

Depending on the model, our DVRs include digital VGA and HDMI monitor out, analog video out, audio in/out, RS–485 for PTZ control and alarm in/alarm out sockets. It is also supported by a powerful network function for remote monitoring, full remote configuration and mobile device application for remote monitoring.

HD Analog DVR Model Name Index

DVR	-	No. OF CHANNELS	TOTAL FPS	TECHNOLOGY	-	RESOLUTION	CASE TYPE
S X		O	# # #	X		O	X X
S A	-	32	4 0 0	A		2	2U
S H	-	16	2 0 0	A		5	1U

Example

DVR Type

Symbol	Description
SH	Standalone Dynamic Hybrid
SA	Standalone

No. of Channels

Symbol	Description
4	4 Channels
8	8 Channels
16	16 Channels
32	32 Channels

Total FPS

Symbol	Description
50	50 FPS (PAL) / 60 FPS (NTSC)
100	100 FPS (PAL) / 120 FPS (NTSC)
200	200 FPS (PAL) / 240 FPS (NTSC)
400	400 FPS (PAL) / 480 FPS (NTSC)
800	800 FPS (PAL) / 960 FPS (NTSC)

Technology

Symbol	Description
A	"4in1" HD Analog

Resolution

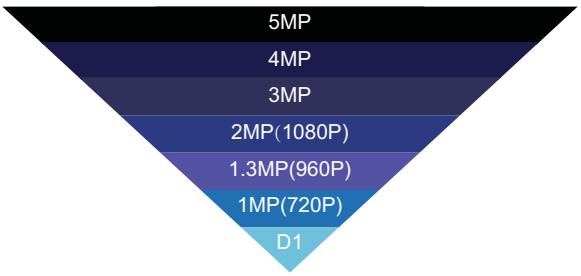
Symbol	Description
2L	1080P Lite
2	1080P
5	5MP

Case Type

Symbol	Description
"None"	Small 1U Case - 1HDD Support
MM	Mini Metal Case - 1HDD Support
1U	1U Case - 2HDD Support
1.5U	1.5U Case - 4HDD Support
2U	2U Case - 8HDD Support

Understanding the Resolution Markings

HD Resolutions are like am inverted piramide.



If a DVR supports a resolution from the top of the piramide, it will support all resolutions lower than it. For example if a NVR supports 5MP (Real-Time) it will support 4MP, 2MP and 1MP (Real-Time)

1080P Lite 1080P

The first supported resolution from the left is real time for all channels. All the following resolutions are non-real-time or real-time for some of the channels.

5MP

The Marked supported resolution and all the resolutions below are real-time for all channels Higher resolutions are not supported.

4+1 CH Dynamic Hybrid DVR

SH-4100A-2L(MM)

1080P Lite 1080P

Hybrid Modes	HD Analog + IP					
	4 + 1	3 + 2	2 + 3	1 + 4	0 + 5	

MODEL				SH-4100A-2L(MM) [Ossia v1.2]
System		**Compression Format**		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		**Input**	**Min.**	0CH Standard BNC + 5CH IP (Over Network)
			Max.	4CH Standard BNC + 1CH IP (Over Network) - Default Setting
		Standard Output		HDMI, VGA (1920x1080, 1280x1024, 1024x768)
Audio		**Input**		1CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	**General**	**Channels &Resolution**	**Min.**	No Channels (IP Channels Only)
			Max.	4CH 1080P Lite Real-Time (With 1CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	**5MP**		No
		4MP		No
		2MP (1080P)		No
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	**960H**		30/25FPS Per Channel
IP Recording	**General**	**Channels &Resolution**	**Min.**	1CH 1080P Real-Time (With 4CH Analog) - Default Setting
			Max.	5CH 1080P Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	**3MP And Higher**		No
		2MP and Lower		30/25FPS Per Channel
Playback		**Local / Remote**		4CH/5CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		**USB**		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		**HD Analog Stream**		Master Stream 1-25/30FPS@720P/1080P Lite; Sub-Stream: Up to 1-25FPS@D1
		Analog Stream		Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H
		IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 6Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		5 Users Online with Professional Autorithy Management
Alarm		**Input**		None Integral - IP Cameras Only
		Output		None Integral - IP Cameras Only
Storage		**HDD**		1 SATA (6TB)
		E-SATA		No
PTZ		**Connection**		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		**Ethernet**		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	**Incoming**	20Mbps (For 5 IP Channels) / 4Mbps (For 1 IP Channels)
			Outgoing	12Mbps
Others		**Dimention**		W255xD220xH43mm
		IR Controller		Yes
		Power Supply		12V/2A
		Operation Temperature		0°C ~50°C

4+1 CH Dynamic Hybrid DVR

SH-4100A-2L

1080P Lite 1080P

Hybrid Modes	HD Analog + IP					
	4 + 1	3 + 2	2 + 3	1 + 4	0 + 5	

MODEL				SH-4100A-2L [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	Min.	0CH Standard BNC + 5CH IP (Over Network)
			Max.	4CH Standard BNC + 1CH IP (Over Network) - Default Setting
		Standard Output		HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		Input		1CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	No Channels (IP Channels Only)
			Max.	4CH 1080P Lite Real-Time (With 1CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		No
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	1CH 1080P Real-Time (With 4CH Analog) - Default Setting
			Max.	5CH 1080P Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP And Higher		No
		2MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		4CH/5CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-25/30FPS@720P/1080P Lite; Sub-Stream: Up to 1-25FPS@D1
		Analog Stream		Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H
		IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 6Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		5 Users Online with Professional Autorithy Management
Alarm		Input		None Integral - IP Cameras Only
		Output		None Integral - IP Cameras Only
Storage		HDD		1 SATA (8TB)
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	20Mbps (For 5 IP Channels) / 4Mbps (For 1 IP Channels)
			Outgoing	12Mbps
Others		Dimention		W300xD250xH50mm
		IR Controller		Yes
		Power Supply		12V/2A
		Operation Temperature		0°C ~50°C

4+1 CH Dynamic Hybrid DVR

SH-4050A-2

1080P Lite 1080P | 1080P

Hybrid Modes	HD Analog + IP					
	4 + 1	3 + 2	2 + 3	1 + 4	0 + 5	

MODEL				SH-4050A-2 [Ossia v1.2]
System	Compression Format			High profile H.264
	ONVIF			Yes (for IP Channels)
	Format			"All in 1" Hybrid (AHD / CVI / TVI / CVBS) + IP
Video	Input		Min.	0CH Standard BNC + 5CH IP (Over Network)
			Max.	4CH Standard BNC + 1CH IP (Over Network) - Default Setting
	Standard Output			HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio	Input			4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
	Output			1CH RCA (2.0 Vp-p, 1 kΩ)
	Two Way Audio			Yes
HD Analog Recording	General	Channels &Resolution	Min.	No Channels (IP Channels Only)
			Max.	4CH 1080P Half Real-Time (With 1CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		Up to 15/12FPS Per Channel
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	1CH 1080P Real-Time (With 4CH Analog) - Default Setting
			Max.	5CH 1080P Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP And Higher		No
		2MP and Lower		30/25FPS Per Channel
Playback	Local / Remote			4CH / 4CH
	Search Mode			Time-Slice, Time, Event, File Management
Backup	USB			2 USB 2.0 Port
	Backup Format			AVI/DAT
Remote Application	HD Analog Stream			Master Stream 1-25/30FPS@720P/1080PL / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P
	Analog Stream			Master & Sub-Stream 1-25/30FPS@960H
	IP Stream			Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
	Master Stream			Up to 12Ch@Recording Resolution
	Browser			Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS			Yes
	Mobile Application			Provision Cam2 for iOS/Android
	User Access			5 Users Online with Professional Autorithy Management
Alarm	Input			4CH (+IP Cameras)
	Output			1CH (+IP Cameras)
Storage	HDD			1 SATA (8TB)
	E-SATA			No
PTZ	Connection			RS-485 / CoC / IP-Over Network
	Supported Protocols			Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
	Supported Controls			Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	Ethernet			100 Mbps (RJ-45)
	Protocol			TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
	Bandwidth		Incoming	20Mbps (For 5 IP Channels) / 4Mbps (For 1 IP Channels)
			Outgoing	12Mbps
Others	Dimention			W300xD250xH50mm
	IR Controller			Yes
	Power Supply			12V/2A
	Operation Temperature			0°C ~50°C

4+1 CH Dynamic Hybrid DVR

SH-4050A-5

5MP 1080P 3MP 1080P

Hybrid Modes	HD Analog + IP	4 + 1	3 + 2	2 + 3	1 + 4	0 + 5

MODEL				SH-4050A-5 [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (for IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS) + IP
Video		Input	Min.	0CH Standard BNC + 5CH IP (Over Network)
			Max.	4CH Standard BNC + 1CH IP (Over Network) - Default Setting
		Standard Output		HDMI(2K, 1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		Input		4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	No Channels (IP Channels Only)
			Max.	4CH 5MP Non Real-Time (With 1CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI	5MP		Up to 10FPS Per Channel
		4MP		Up to 15/12FPS Per Channel
		2MP (1080P) and lower		30/25FPS Per Channel
	CVI	2MP (1080P) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	1CH 3MP Half Real-Time (With 4CH Analog) - Default Setting
			Max.	5CH 3MP Half Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	4MP		Up to 15/12FPS Per Channel
		3MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		4CH / 5CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-10FPS@5MP / 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25FPS@1080PMaster & Sub-Stream
		Analog Stream		1-25/30FPS@960H
		IP Stream		Master Stream 1-12/15FPS@3MP / 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 9Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		5 Users Online with Professional Autorithy Management
Alarm		Input		4CH (+IP Cameras)
		Output		1CH (+IP Cameras)
Storage		HDD		1 SATA (8TB)
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	28Mbps (For 5 IP Channels) / 8Mbps (For 1 IP Channels)
			Outgoing	40Mbps
Others		Dimention		W300xD250xH50mm
		IR Controller		Yes
		Power Supply		12V/2A
		Operation Temperature		0°C ~50°C

8+2 CH Dynamic Hybrid DVR

SH-8200A-2L

1080P Lite 1080P

Hybrid Modes	HD Analog + IP								
	8 + 2	7 + 3	6 + 4	5 + 5	4 + 6	3 + 7	2 + 8	1 + 9	0 + 10

MODEL				SH-8200A-2L [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	Min.	0CH Standard BNC + 10CH IP (Over Network)
			Max.	8CH Standard BNC + 2CH IP (Over Network) - Default Setting
		Standard Output		HDMI (1920x1080), VGA (1280x1024, 1024x768), CVBS (Spot)
Audio		Input		1CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	No Channels (IP Channels Only)
			Max.	8CH 1080P Lite Real-Time (With 2CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		No
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	2CH 1080P Real-Time (With 8CH Analog) - Default Setting
			Max.	10CH 1080P Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP And Higher		No
		2MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		8CH/9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-25/30FPS@720P/1080P Lite; Sub-Stream: Up to 1-25FPS@D1
		Analog Stream		Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H
		IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 12Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		4 Users Online with Professional Autorithy Management
Alarm		Input		None Integral - IP Cameras Only
		Output		None Integral - IP Cameras Only
Storage		HDD		1 SATA (8TB)
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	52Mbps (For 5 IP Channels) / 12Mbps (For 1 IP Channels)
			Outgoing	24Mbps
Others		Dimention		W300xD250xH50mm
		IR Controller		Yes
		Power Supply		12V/2A
		Operation Temperature		0°C ~50°C

8+1 CH Dynamic Hybrid DVR

SH-8100A-2

1080P Lite 1080P | 1080P 3MP

Hybrid Modes									
HD Analog + IP	8 + 1	7 + 2	6 + 3	5 + 4	4 + 5	3 + 6	2 + 7	1 + 8	0 + 9

MODEL				SH-8100A-2 [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (for IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS) + IP
Video		Input	Min.	0CH Standard BNC + 9CH IP (Over Network)
			Max.	8CH Standard BNC + 1CH IP (Over Network) - Default Setting
		Standard Output		HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		Input		4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	No Channels (IP Channels Only)
			Max.	8CH 1080P Half Real-Time (With 1CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		Up to 15/12FPS Per Channel
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	1CH 1080P Real-Time (With 8CH Analog) - Default Setting
			Max.	9CH 1080P Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP (Max Resolution)		Up to 15/12FPS Per Channel
		2MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		8CH / 9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-25/30FPS@720P/1080PL / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P
		Analog Stream		Master & Sub-Stream 1-25/30FPS@960H
		IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 12Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		5 Users Online with Professional Autorithy Management
Alarm		Input		4CH (+IP Cameras)
		Output		1CH (+IP Cameras)
Storage		HDD		1 SATA (8TB)
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	50Mbps (For 9 IP Channels) / 10Mbps (For 1 IP Channels)
			Outgoing	24Mbps
Others		Dimention		W300xD250xH50mm
		IR Controller		Yes
		Power Supply		12V/2A
		Operation Temperature		0°C ~50°C

8+4 CH Dynamic Hybrid DVR

SH-8100A-5(1U)

5MP 1080P 4MP

Hybrid Modes										
HD Analog + IP	8+4	7+5	6+6	5+7	4+8	3+9	2+10	1+11	0+12

MODEL				SH-8100A-5(1U) [Ossia v1.2]
System		**Compression Format**		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		**Input**	**Min.**	0CH Standard BNC + 12CH IP (Over Network)
			Max.	8CH Standard BNC + 4CH IP (Over Network) - Default Setting
		Standard Output		HDMI(4K, 1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		**Input**		4CH RCA (2.0 Vp-p, 1 kΩ) (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	**General**	**Channels &Resolution**	**Min.**	No Channels (IP Channels Only)
			Max.	8CH 5MP Non-Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI	**5MP**		Up to 10FPS Per Channel
		4MP		Up to 15/12FPS Per Channel
		2MP (1080P) and lower		30/25FPS Per Channel
	CVI	**2MP (1080P) and lower**		30/25FPS Per Channel
	CVBS	**960H**		30/25FPS Per Channel
IP Recording	**General**	**Channels &Resolution**	**Min.**	4CH 4MP Real-Time (With 8CH Analog) - Default Setting
			Max.	12CH 4MP Real-Time (No Analog CH)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	**4MP**		30/25FPS Per Channel
		3MP and Lower		30/25FPS Per Channel
Playback		**Local / Remote**		8CH / 9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		**USB**		1 USB 2.0 Port + 1 USB 3.0 Port
		Backup Format		AVI/DAT
Remote Application		**HD Analog Stream**		Master Stream 1-10FPS@5MP / 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25FPS@1080P
		Analog Stream		Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25/30FPS@D1
		IP Stream		Master Stream 1-25/30FPS@4MP; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 24Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		5 Users Online with Professional Autorithy Management
Alarm		**Input**		4CH (+IP Cameras)
		Output		1CH (+IP Cameras)
Storage		**HDD**		2 SATA (8TB Each) with smart management
		E-SATA		No
PTZ		**Connection**		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		**Ethernet**		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	**Incoming**	60Mbps (For 12 IP Channels) / 32Mbps (For 4 IP Channels)
			Outgoing	60Mbps
Others		**Dimention**		W375xD275xH45mm
		IR Controller		Yes
		Power Supply		12V/3A
		Operation Temperature		0°C ~50°C

16+2 CH Dynamic Hybrid DVR

SH-16200A-2L

1080P Lite 1080P 3MP

Hybrid Modes	HD Analog + IP	16 + 2	15 + 3	14 + 4

MODEL				SH-16200A-2L [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	Min.	14CH Standard BNC + 4CH IP (Over Network)
			Max.	16CH Standard BNC + 2CH IP (Over Network) - Default Setting
		Standard Output		HDMI (1920x1080), VGA (1280x1024, 1024x768), CVBS (Spot)
Audio		Input		1CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	14CH 1080P Lite Real-Time (With 4CH IP)
			Max.	16CH 1080P Lite Real-Time (With 2CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		No
		2MPL (1080P Lite) and lower		12/15FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	2CH 3MP Half Real-Time (With 16CH Analog) - Default Setting
			Max.	4CH 3MP Half Real-Time (With 14CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP (Max Resolution)		Up to 12/15FPS Per Channel
		2MP and Lower		1-25/30FPS Per Channel
Playback		Local / Remote		16CH/9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-12/15FPS@720P/1080P Lite; Sub-Stream: Up to 1-25FPS@D1
		Analog Stream		Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H
		IP Stream		Master Stream 1-12/15@3MP / 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 12Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		4 Users Online with Professional Autorithy Management
Alarm		Input		None Integral - IP Cameras Only
		Output		None Integral - IP Cameras Only
Storage		HDD		1 SATA (8TB)
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	12Mbps (For 4 IP Channels) / 6Mbps (For 2 IP Channels)
			Outgoing	32Mbps
Others		Dimention		W300xD250xH50mm
		IR Controller		Yes
		Power Supply		12V/2A
		Operation Temperature		0°C ~50°C

16+4 CH Dynamic Hybrid DVR

SH-16400A-2L

1080P Lite 1080P

Hybrid Modes	HD Analog + IP	16 + 4	15 + 5	14 + 6	13 + 7	12 + 8	11 + 9	10 + 10	9 + 11	8 + 12	7 + 13	6 + 14	5 + 15

MODEL				SH-16400A-2L [Ossia v1.2]
System	Compression Format			High profile H.264
	ONVIF			Yes (For IP Channels)
	Format			"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video	Input		Min.	5CH Standard BNC + 15CH IP (Over Network)
			Max.	16CH Standard BNC + 4CH IP (Over Network) - Default Setting
	Standard Output			HDMI (1920x1080), VGA (1280x1024, 1024x768)
Audio	Input			1CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
	Output			1CH RCA (2.0 Vp-p, 1 kΩ)
	Two Way Audio			Yes
HD Analog Recording	General	Channels &Resolution	Min.	5CH 1080P Lite Real-Time (With 15CH IP)
			Max.	16CH 1080P Lite Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		No
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	4CH 1080P Real-Time (With 16CH Analog) - Default Setting
			Max.	15CH 1080P Real-Time (With 5CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP And Higher		No
		2MP and Lower		30/25FPS Per Channel
Playback	Local / Remote			16CH/9CH
	Search Mode			Time-Slice, Time, Event, File Management
Backup	USB			1 USB 2.0 Port + 1 USB 3.0 Port
	Backup Format			AVI/DAT
Remote Application	HD Analog Stream			Master Stream 1-25/30FPS@720P/1080P Lite; Sub-Stream: Up to 1-25FPS@D1
	Analog Stream			Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H
	IP Stream			Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
	Master Stream			Up to 20Ch@Recording Resolution
	Browser			Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS			Yes
	Mobile Application			Provision Cam2 for iOS/Android
	User Access			4 Users Online with Professional Autorithy Management
Alarm	Input			None Integral - IP Cameras Only
	Output			None Integral - IP Cameras Only
Storage	HDD			1 SATA (8TB)
	E-SATA			No
PTZ	Connection			RS-485 / CoC / IP-Over Network
	Supported Protocols			Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
	Supported Controls			Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	Ethernet			100 Mbps (RJ-45)
	Protocol			TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
	Bandwidth		Incoming	24Mbps (For 4 IP Channels) / 60Mbps (For 15 IP Channels)
			Outgoing	50Mbps
Others	Dimention			W300xD250xH50mm
	IR Controller			Yes
	Power Supply			12V/2A
	Operation Temperature			0°C ~50°C

16+4 CH Dynamic Hybrid DVR

SH-16200A-2 (1U)

1080P Lite 1080P 3MP

Hybrid Modes	HD Analog + IP								
	16 + 4	15 + 5	14 + 6	13 + 7	12 + 8	11 + 9	10 + 10	9 + 11	8 + 12

MODEL				SH-16200A-2(1U) [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	Min.	8CH Standard BNC + 12CH IP (Over Network)
			Max.	16CH Standard BNC + 4CH IP (Over Network) - Default Setting
		Standard Output		HDMI, VGA (1920x1080, 1280x1024, 1024x768), CVBS(Spot)
Audio		Input		4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	8CH 1080P Half Real-Time (With 12CH IP)
			Max.	16CH 1080P Half Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		Up to 15/12FPS Per Channel
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	4CH 3MP Real-Time (With 16CH Analog) - Default Setting
			Max.	12CH 3MP Real-Time (With 8CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP (Max Resolution)		30/25FPS Per Channel
		2MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		16CH/9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		1 USB 2.0 Port + 1 USB 3.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-25/30FPS@720P/1080P Lite / 1-12/15FPS@1080P; Sub-Stream: Up to 1-12/15FPS@720P
		Analog Stream		Master & Sub-Stream 1-25/30FPS@960H
		IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 24Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		10 Users Online with Professional Autorithy Management
Alarm		Input		4CH + IP Cameras
		Output		1CH + IP Cameras
Storage		HDD		2 SATA (8TB Each) with smart management
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	60Mbps (For 12 IP Channels) / 24Mbps (For 4 IP Channels)
			Outgoing	50Mbps
Others		Dimention		W375xD275xH45mm
		IR Controller		Yes
		Power Supply		DC12V/4A
		Operation Temperature		0°C ~50°C

16+4 CH Dynamic Hybrid DVR

SH-16200A-2 (1.5U)

1080P Lite 1080P 3MP

Hybrid Modes	HD Analog + IP								
		16 + 4	15 + 5	14 + 6	13 + 7	12 + 8	11 + 9	10 + 10	9 + 11	8 + 12

MODEL				SH-16400A-2(1.5U) [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	Min.	8CH Standard BNC + 12CH IP (Over Network)
			Max.	16CH Standard BNC + 4CH IP (Over Network) - Default Setting
		Standard Output		HDMI, VGA (1920x1080, 1280x1024, 1024x768), CVBS(Spot)
Audio		Input		4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	8CH 1080P Half Real-Time (With 12CH IP)
			Max.	16CH 1080P Half Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	5MP		No
		4MP		No
		2MP (1080P)		Up to 15/12FPS Per Channel
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	4CH 3MP Real-Time (With 16CH Analog) - Default Setting
			Max.	12CH 3MP Real-Time (With 8CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	3MP (Max Resolution)		30/25FPS Per Channel
		2MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		16CH/9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		2 USB 2.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-25/30FPS@720P/1080P Lite / 1-12/15FPS@1080P; Sub-Stream: Up to 1-12/15FPS@720P
		Analog Stream		Master & Sub-Stream 1-25/30FPS@960H
		IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream		Up to 24Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		10 Users Online with Professional Autorithy Management
Alarm		Input		4CH - IP Cameras
		Output		1CH - IP Cameras
Storage		HDD		4 SATA (8TB Each) with smart management
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	60Mbps (For 12 IP Channels) / 24Mbps (For 4 IP Channels)
			Outgoing	50Mbps
Others		Dimention		W440xD390xH80mm
		IR Controller		Yes
		Power Supply		AC110V/220V
		Operation Temperature		0°C ~50°C

16+4 CH Dynamic Hybrid DVR

SH-16200A-2 (2U)

1080P Lite 1080P 3MP

Hybrid Modes	HD Analog + IP	16 + 4	15 + 5	14 + 6	13 + 7	12 + 8	11 + 9	10 + 10	9 + 11	8 + 12

MODEL				SH-16200A-2(2U) [Ossia v1.2]
System	**Compression Format**			High profile H.264
	ONVIF			Yes (For IP Channels)
	Format			"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video	**Input**		**Min.**	8CH Standard BNC + 12CH IP (Over Network)
			Max.	16CH Standard BNC + 4CH IP (Over Network) - Default Setting
	Standard Output			HDMI, VGA (1920x1080, 1280x1024, 1024x768), CVBS(Spot)
Audio	**Input**			16CH RCA (2.0 Vp-p, 1 kΩ) (+IP Cameras)
	Output			1CH RCA (2.0 Vp-p, 1 kΩ)
	Two Way Audio			Yes
HD Analog Recording	**General**	**Channels &Resolution**	**Min.**	8CH 1080P Half Real-Time (With 12CH IP)
			Max.	16CH 1080P Half Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI / CVI	**5MP**		No
		4MP		No
		2MP (1080P)		Up to 15/12FPS Per Channel
		2MPL (1080P Lite) and lower		30/25FPS Per Channel
	CVBS	**960H**		30/25FPS Per Channel
IP Recording	**General**	**Channels &Resolution**	**Min.**	4CH 3MP Real-Time (With 16CH Analog) - Default Setting
			Max.	12CH 3MP Real-Time (With 8CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	**3MP (Max Resolution)**		30/25FPS Per Channel
		2MP and Lower		30/25FPS Per Channel
Playback	**Local / Remote**			16CH/9CH
	Search Mode			Time-Slice, Time, Event, File Management
Backup	**USB**			2 USB 2.0 Port
	Backup Format			AVI/DAT
Remote Application	**HD Analog Stream**			Master Stream 1-25/30FPS@720P/1080P Lite / 1-12/15FPS@1080P; Sub-Stream: Up to 1-12/15FPS@720P
	Analog Stream			Master & Sub-Stream 1-25/30FPS@960H
	IP Stream			Master Stream 1-25/30FPS@1080P； Sub-Stream Up to 1-25/30FPS@D1
	Master Stream			Up to 24Ch@Recording Resolution
	Browser			Safari (Mac OS) IE (Windows Vista/7/8/10)
	CMS			Yes
	Mobile Application			Provision Cam2 for iOS/Android
	User Access			10 Users Online with Professional Autorithy Management
Alarm	**Input**			16CH + IP Cameras
	Output			4CH + IP Cameras
Storage	**HDD**			8 SATA (8TB Each) with smart management
	E-SATA			No
PTZ	**Connection**			RS-485 / CoC / IP-Over Network
	Supported Protocols			Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
	Supported Controls			Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	**Ethernet**			100 Mbps (RJ-45)
	Protocol			TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
	Bandwidth		**Incoming**	60Mbps (For 12 IP Channels) / 24Mbps (For 4 IP Channels)
			Outgoing	50Mbps
Others	**Dimention**			W430xD450xH89mm
	IR Controller			Yes
	Power Supply			AC110V/220V
	Operation Temperature			0°C ~50°C

16+4 CH Dynamic Hybrid DVR

SH-16200A-5(1U)

5MP 1080P 4MP

Hybrid Modes	HD Analog + IP								
	16 + 4	15 + 5	14 + 6	13 + 7	12 + 8	11 + 9	10 + 10	9 + 11	8 + 12

MODEL				SH-16200A-5(1U) [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		4in1 Hybrid (AHD / CVI / TVI / CVBS) + IP
Video		Input	Min.	8CH Standard BNC + 12CH IP (Over Network)
			Max.	16CH Standard BNC + 4CH IP (Over Network) - Default Setting
		Standard Output		HDMI(4K, 1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		Input		4CH RCA (2.0 Vp-p, 1 kΩ)(+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	8CH 5MP Non-Real-Time (With 12CH IP)
			Max.	16CH 5MP Non-Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI	5MP		Up to 10FPS Per Channel
		4MP		Up to 15/12FPS Per Channel
		2MP (1080P) and lower		30/25FPS Per Channel
	CVI	2MP (1080P) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	4CH 4MP Real-Time (With 16CH Analog) - Default Setting
			Max.	12CH 4MP Real-Time (With 8CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	4MP		30/25FPS Per Channel
		3MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		16CH / 9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		1 USB 2.0 Port + 1 USB 3.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-10FPS@5MP / 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25FPS@1080P
		Analog Stream		Master & Sub-Stream 1-25/30FPS@960H
		IP Stream		Master Stream 1-25/30FPS@4MP; Sub-Stream Up to 1-25/30FPS@720P
		Master Stream		Up to 24Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		10 Users Online with Professional Autorithy Management
Alarm		Input		4CH (+IP Cameras)
		Output		1CH (+IP Cameras)
Storage		HDD		2 SATA (8TB Each) with smart management
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	72Mbps (For 12 IP Channels) / 32Mbps (For 4 IP Channels)
			Outgoing	50Mbps
Others		Dimention		W375xD275xH50mm
		IR Controller		Yes
		Power Supply		12V/4A
		Operation Temperature		0°C ~50°C

16+4 CH Dynamic Hybrid DVR

SH-16200A-5 (1.5U)

5MP 1080P 4MP

Hybrid Modes	HD Analog + IP								
	16 + 4	15 + 5	14 + 6	13 + 7	12 + 8	11 + 9	10 + 10	9 + 11	8 + 12

MODEL				SH-16200A-5(1.5U) [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		4in1 Hybrid (AHD / CVI / TVI / CVBS) + IP
Video		Input	Min.	8CH Standard BNC + 12CH IP (Over Network)
			Max.	16CH Standard BNC + 4CH IP (Over Network) - Default Setting
		Standard Output		HDMI(4K, 1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		Input		16CH RCA (2.0 Vp-p, 1 kΩ)(+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	8CH 5MP Non-Real-Time (With 12CH IP)
			Max.	16CH 5MP Non-Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI	5MP		Up to 10FPS Per Channel
		4MP		Up to 15/12FPS Per Channel
		2MP (1080P) and lower		30/25FPS Per Channel
	CVI	2MP (1080P) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	4CH 4MP Real-Time (With 16CH Analog) - Default Setting
			Max.	12CH 4MP Real-Time (With 8CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	4MP		30/25FPS Per Channel
		3MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		16CH / 9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		1 USB 2.0 Port + 1 USB 3.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-10FPS@5MP / 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25FPS@1080P
		Analog Stream		Master & Sub-Stream 1-25/30FPS@960H
		IP Stream		Master Stream 1-25/30FPS@4MP; Sub-Stream Up to 1-25/30FPS@720P
		Master Stream		Up to 24Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		10 Users Online with Professional Autorithy Management
Alarm		Input		4CH (+IP Cameras)
		Output		1CH (+IP Cameras)
Storage		HDD		4 SATA (8TB Each) with smart management
		E-SATA		No
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		100 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	72Mbps (For 12 IP Channels) / 32Mbps (For 4 IP Channels)
			Outgoing	50Mbps
Others		Dimention		W440xD390xH80mm
		IR Controller		Yes
		Power Supply		AC110V/220V
		Operation Temperature		0°C ~50°C

32 CH 4in1 DVR

SA-32400A-2(1.5U)

1080P Lite 1080P

MODEL			SA-32400A-2(1.5U)
System		Compression Format	High profile H.264
		ONVIF	No
		Format	4in1 AHD / CVI / TVI / CVBS
Video		Input	32CH Standard BNC
		Standard Output	HDMI (1920x1080), VGA (1280x1024, 1024x768), CVBS (Spot)
Audio		Input	4CH
		Output	1CH
		Two Way Audio	Yes
Recording	AHD / CVI / TVI	Max. Resolution	32CH 1080P Half Real-Time
		2MP (1080P)	480FPS (NTSC)/400FPS (PAL). Up to 15/12FPS Per Channel
		2MPL (1080P Lite)	960FPS (NTSC)/800FPS (PAL)
		1MP (720P)	960FPS (NTSC)/800FPS (PAL)
	Analog	Max. Resolution	32CH 960H Real-Time
		960H	960FPS (NTSC)/800FPS (PAL)
		D1	No
		CIF	No
	IP	Max. Resolution	No
		3MP	No
		2MP (1080P)	No
		1.3MP (960P)	No
		1MP (720P)	No
	General	Recording Modes	Schedule, Manual, Motion, Sensor
Playback		AHD/TVI/CVBS Playback	16CH
		IP Playback	No
		Search Mode	Time, Event, File Management
Backup		USB	1 USB 2.0 Port + 1 USB 3.0 Port
		DVD Burner	Optional
		Backup Format	AVI/DAT
Remote Application		AHD Stream	Master Stream 1-25/30FPS@720P/1080P Lite / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P
		Analog Stream	Master & Sub-Stream 1-25/30FPS@960H
		IP Stream	No
		Master Stream	Up to 36Ch@Recording Resolution
		Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
		User Access	10 Users Online with Professional Autorithy Management
Alarm		Input	4CH
		Output	1CH
Storage		HDD	4 SATA (8TB Each) with smart management
		E-SATA	No
PTZ		Connection	RS-485 / CoC / IP-Over Network
		Supported Protocols	Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet	1000 Mbps (RJ-45)
		Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
Others		Dimention	W440xD390xH80mm
		IR Controller	Yes
		Power Supply	AC110V/220V
		Operation Temperature	0°C ~50°C

32 CH 4in1 DVR

SA-32400A-2 (2U)

1080P Lite 1080P

MODEL			SA-32400A-2(2U)
System		Compression Format	High profile H.264
		ONVIF	No
		Format	4in1 AHD / CVI / TVI / CVBS
Video		Input	32CH Standard BNC
		Standard Output	HDMI (1920x1080), VGA (1280x1024, 1024x768), CVBS (Spot)
Audio		Input	16CH
		Output	1CH
		Two Way Audio	Yes
Recording	AHD / CVI / TVI	Max. Resolution	32CH 1080P Half Real-Time
		2MP (1080P)	480FPS (NTSC)/400FPS (PAL). Up to 15/12FPS Per Channel
		2MPL (1080P Lite)	960FPS (NTSC)/800FPS (PAL)
		1MP (720P)	960FPS (NTSC)/800FPS (PAL)
	Analog	Max. Resolution	32CH 960H Real-Time
		960H	960FPS (NTSC)/800FPS (PAL)
		D1	No
		CIF	No
	IP	Max. Resolution	No
		3MP	No
		2MP (1080P)	No
		1.3MP (960P)	No
		1MP (720P)	No
	General	Recording Modes	Schedule, Manual, Motion, Sensor
Playback		AHD/TVI/CVBS Playback	16CH
		IP Playback	No
		Search Mode	Time, Event, File Management
Backup		USB	1 USB 2.0 Port + 1 USB 3.0 Port
		DVD Burner	Optional
		Backup Format	AVI/DAT
Remote Application		AHD Stream	Master Stream 1-25/30FPS@720P/1080P Lite / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P
		Analog Stream	Master & Sub-Stream 1-25/30FPS@960H
		IP Stream	No
		Master Stream	Up to 36Ch@Recording Resolution
		Browser	Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
		User Access	10 Users Online with Professional Autorithy Management
Alarm		Input	16CH
		Output	4CH
Storage		HDD	8 SATA (8TB Each) with smart management
		E-SATA	No
PTZ		Connection	RS-485 / CoC / IP-Over Network
		Supported Protocols	Pelco D, Pelco P, Samsung, Visca, CoC
		Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet	1000 Mbps (RJ-45)
		Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
Others		Dimention	W430xD450xH89mm
		IR Controller	Yes
		Power Supply	AC110V/220V
		Operation Temperature	0°C ~50°C

32+4 CH Dynamic Hybrid DVR

SH-32400A-5 (2U)

5MP 1080P 4MP

Hybrid Modes	HD Analog	32	31	30	29	28	27	26	25	24
	IP	+ 4	+ 5	+ 6	+ 7	+ 8	+ 9	+ 10	+ 11	+ 12

MODEL				SH-3200A-5(2U) [Ossia v1.2]
System		Compression Format		High profile H.264
		ONVIF		Yes (For IP Channels)
		Format		4in1 Hybrid (AHD / CVI / TVI / CVBS) + IP
Video		Input	Min.	24CH Standard BNC + 12CH IP (Over Network)
			Max.	32CH Standard BNC + 4CH IP (Over Network) - Default Setting
		Standard Output		HDMI1(4K, 1920x1080), HDMI2 (1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Audio		Input		16CH RCA (2.0 Vp-p, 1 kΩ)(+IP Cameras)
		Output		1CH RCA (2.0 Vp-p, 1 kΩ)
		Two Way Audio		Yes
HD Analog Recording	General	Channels &Resolution	Min.	24CH 5MP Non-Real-Time (With 12CH IP)
			Max.	32CH 5MP Non-Real-Time (With 4CH IP) - Default Setting
		Recording Modes		Schedule, Manual, Motion, Sensor
	AHD / TVI	5MP		Up to 10FPS Per Channel
		4MP		Up to 15/12FPS Per Channel
		2MP (1080P) and lower		30/25FPS Per Channel
	CVI	2MP (1080P) and lower		30/25FPS Per Channel
	CVBS	960H		30/25FPS Per Channel
IP Recording	General	Channels &Resolution	Min.	4CH 4MP Real-Time (With 32CH Analog) - Default Setting
			Max.	12CH 4MP Real-Time (With 24CH Analog)
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics
	IP	4MP		30/25FPS Per Channel
		3MP and Lower		30/25FPS Per Channel
Playback		Local / Remote		16CH / 9CH
		Search Mode		Time-Slice, Time, Event, File Management
Backup		USB		1 USB 2.0 Port + 1 USB 3.0 Port
		Backup Format		AVI/DAT
Remote Application		HD Analog Stream		Master Stream 1-10FPS@5MP / 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25FPS@1080P
		Analog Stream		Master & Sub-Stream 1-25/30FPS@960H
		IP Stream		Master Stream 1-25/30FPS@4MP; Sub-Stream Up to 1-25/30FPS@720P
		Master Stream		Up to 24Ch@Recording Resolution
		Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)
		CMS		Yes
		Mobile Application		Provision Cam2 for iOS/Android
		User Access		10 Users Online with Professional Autorithy Management
Alarm		Input		16CH (+IP Cameras)
		Output		4CH (+IP Cameras)
Storage		HDD		8 SATA (8TB Each) with smart management
		E-SATA		2 E-SATA (8TB Each) with smart management
PTZ		Connection		RS-485 / CoC / IP-Over Network
		Supported Protocols		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
		Supported Controls		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet		1000 Mbps (RJ-45)
		Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P
		Bandwidth	Incoming	60Mbps (For 12 IP Channels) / 24Mbps (For 4 IP Channels)
			Outgoing	50Mbps
Others		Dimention		W430xD450xH89mm
		IR Controller		Yes
		Power Supply		AC110V/220V
		Operation Temperature		0°C ~50°C

Ossia HD Analog DVRs Compare Table

Model Name		SH-4100A-2L(MM)	SH-4100A-2L	SH-4050A-2	SH-4050A-5
Hybrid Modes	HD Analog	4+1 3+2 2+3 1+4 0+5	4+1 3+2 2+3 1+4 0+5	4+1 3+2 2+3 1+4 0+5	4+1 3+2 2+3 1+4 0+5
	IP				
Format		2MPL 4in1 Dynamic Hybrid	2MPL 4in1 Dynamic Hybrid	2MP 4in1 Dynamic Hybrid	5MP 4in1 Dynamic Hybrid
Default Channel Input		4CH HD Analog + 1CH IP	4CH HD Analog + 1CH IP	4CH HD Analog + 1CH IP	4CH HD Analog + 1CH IP
ONVIF		Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)
Minimum IP Channnels		1 (With 4CH Analog)	1 (With 4CH Analog)	1 (With 4CH Analog)	1 (With 4CH Analog)
Maximum IP Channels		5 (With 0Ch Analog)	5 (With 0Ch Analog)	5 (With 0Ch Analog)	5 (With 0Ch Analog)
Playback Channels		4	4	4	4
Remote Playback Channels		5	5	4	4
Live Preview While Playback		Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)
Image Capture		Yes	Yes	Yes	Yes
Output Type		VGA,HDMI	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)
4K Output Support		No	No	No	No
Case		Mini Metal	Small 1U	Small 1U	Small 1U
Audio Input		1 + IPC	1 + IPC	4 +IPC	4 +IPC
Audio Output		1	1	1	1
Two Way Audio		Yes	Yes	Yes	Yes
Alarm In		None integral + IPC	None integral + IPC	4 + IPC	4 + IPC
Alarm Out		None integral + IPC	None integral + IPC	1 + IPC	1 + IPC
PTZ Control		RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network
Analog	Recording 960H	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
AHD /	Recording 720P	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
CVI /	Recording 1080P Lite	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
TVI	Recording 1080P	No	No	Up to 12/15 FPS Per Channel	25/30FPS Per Channel
AHD / TVI	Recording 4MP	No	No	No	Up to 12/15 FPS Per Channel
(No CVI)	Recording 5MP	No	No	No	Up to 10 FPS Per Channel
IP	Recording 1080P and Lower	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
	Recording 3MP	No	No	No	Up to 12/15 FPS Per Channel
	Recording 4MP (Max Resolution)	No	No	No	No
Total Bandwidth (Incoming)		4Mbps (1IPC) / 20Mbps (5IPC)	4Mbps (1IPC) / 20Mbps (5IPC)	4Mbps (1IPC) / 20Mbps (5IPC)	8Mbps (1IPC) / 28Mbps (5IPC)
Total Bandwidth (Outgoing)		12Mbps	12Mbps	12Mbps	40Mbps
Compression		H.264 High profile	H.264 High profile	H.264 High profile	H.264 High profile
HDD		1(6TB)	1(8TB)	1(8TB)	1(8TB)
HDD USB Port		2 USB 2.0	2 USB 2.0	2 USB 2.0	2 USB 2.0
E-SATA		No	No	No	No
Ethernet		100Mbps	100Mbps	100Mbps	100Mbps
Analog	Master Stream (Up To)	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H
HD Analog		1-25/30 FPS @ 1080P Lite	1-25/30 FPS @ 1080P Lite	1-12/15 FPS @ 1080P	1-10 FPS @ 5MP
IP		1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P	1-12/15 FPS @ 3MP
Number of Master Stream Channels over Network		6	6	12	9
Analog	Network Stream (Up To)	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF
HD Analog		1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-12/15 FPS @ 720P	1-12/15 FPS @ 1080P
IP		1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1
Max Simultaneous Users		5	5	5	5
IR Remote		Yes	Yes	Yes	Yes
IR Extention		No	No	No	No
Mouse		Yes	Yes	Yes	Yes
Power Supply		DC12V/2A	DC12V/2A	DC12V/2A	DC12V/2A

SH-8200A-2L	SH-8100A-2	SH-8100A-5(1U)	SH-16200A-2L	SH-16400A-2L
8+2 7+3 6+4 5+5 4+6 3+7 2+8 1+9 0+10	8+1 7+2 6+3 5+4 4+5 3+6 2+7 1+8 0+9	8+4 7+5 6+6 5+7 4+8 3+9 2+10 1+11 0+12	16+2 15+3 14+4	16+4 15+5 14+6 13+7 12+8 11+9 10+10 9+11 8+12 7+13 6+14 5+15
2MPL 4in1 Dynamic Hybrid	2MP 4in1 Dynamic Hybrid	5MP 4in1 Dynamic Hybrid	2MPL 4in1 Dynamic Hybrid	2MPL 4in1 Dynamic Hybrid
8CH HD Analog + 2CH IP	8CH HD Analog + 1CH IP	8CH HD Analog + 4CH IP	16CH HD Analog + 2CH IP	16CH HD Analog + 4CH IP
Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)
2 (With 8CH Analog)	1 (With 8CH Analog)	4 (With 8CH Analog)	2 (With 16CH Analog)	4 (With 16CH Analog)
10 (With 0Ch Analog)	9 (With 0Ch Analog)	12 (With 0Ch Analog)	4 (With 14Ch Analog)	15 (With 5Ch Analog)
8	8	8	16	16
9	9	9	9	9
Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)
Yes	Yes	Yes	Yes	Yes
VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI
No	No	Yes	No	No
Small 1U	Small 1U	1U	Small 1U	Small 1U
1 +IPC	4 +IPC	4 +IPC	1 +IPC	1 +IPC
1	1	1	1	1
Yes	Yes	Yes	Yes	Yes
None integral + IPC	4 + IPC	4 + IPC	None integral + IPC	None integral + IPC
None integral + IPC	1 + IPC	1 + IPC	None integral + IPC	None integral + IPC
RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	Up to 12/15 FPS Per Channel	25/30FPS Per Channel
No	Up to 12/15 FPS Per Channel	25/30FPS Per Channel	No	No
No	No	Up to 12/15 FPS Per Channel	No	No
No	No	Up to 10 FPS Per Channel	No	No
25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
No	Up to 12/15 FPS Per Channel	25/30FPS Per Channel	Up to 12/15 FPS Per Channel	No
No	No	25/30FPS Per Channel	No	No
12Mbps (2IPC)/52Mbps (10IPC)	10Mbps (1IPC) / 50Mbps (9IPC)	32Mbps (4IPC) / 60Mbps (12IPC)	6Mbps (2IPC)/12Mbps (4IPC)	24Mbps (4IPC)/60Mbps (15IPC)
24Mbps	24Mbps	60Mbps	32Mbps	50Mbps
H.264 High profile	H.264 High profile	H.264 High profile	H.264 High profile	H.264 High profile
1(8TB)	1(8TB)	2(8TB Each)	1(8TB)	1(8TB)
2 USB 2.0	2 USB 2.0	1 USB 2.0 + 1 USB 3.0	2 USB 2.0	2 USB 2.0
No	No	No	No	No
100Mbps	100Mbps	100Mbps	100Mbps	100Mbps
1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H
1-25/30 FPS @ 1080PL	1-12/15 FPS @ 1080P	1-10 FPS @ 5MP	1-12/15 FPS @ 1080PL	1-25/30 FPS @ 1080PL
1-25/30 FPS @ 1080P	1-12/15 FPS @ 3MP	1-25/30 FPS @ 4MP	1-12/15 FPS @ 3MP	1-25/30 FPS @ 1080P
12	24	24	12	20
1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF
1-12/15@1080P	1-12/15@1080P	1-25/30@1080P	1-12/15@D1	1-25/30 FPS @ D1
1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1
4	5	5	4	4
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
Yes	Yes	Yes	Yes	Yes
DC12V/2A	DC12V/2A	DC12V/4A	DC12V/2A	DC12V/2A

Ossia HD Analog DVRs Compare Table

Model Name		SH-16200A-2(1U)	SH-16200A-2(1.5U)	SH-16200A-2(2U)	SH-16200A-5(1U)
Hybrid Modes	HD Analog	16+4 15+5 14+6 13+7 12+8 11+9 10+10 9+11 8+12	16+4 15+5 14+6 13+7 12+8 11+9 10+10 9+11 8+12	16+4 15+5 14+6 13+7 12+8 11+9 10+10 9+11 8+12	16+4 15+5 14+6 13+7 12+8 11+9 10+10 9+11 8+12
	IP				
Format		2MP 4in1 Dynamic Hybrid	2MP 4in1 Dynamic Hybrid	2MP 4in1 Dynamic Hybrid	5MP 4in1 Dynamic Hybrid
Default Channel Input		16CH HD Analog + 4CH IP	16CH HD Analog + 4CH IP	16CH HD Analog + 4CH IP	16CH HD Analog + 4CH IP
ONVIF		Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)	Yes (For IP Cameras)
Minimum IP Channnels		4 (With 16CH Analog)	4 (With 16CH Analog)	4 (With 16CH Analog)	4 (With 16CH Analog)
Maximum IP Channels		12 (With 8Ch Analog)	12 (With 8Ch Analog)	12 (With 8Ch Analog)	12 (With 8Ch Analog)
Playback Channels		16	16	16	16
Remote Playback Channels		9	9	9	9
Live Preview While Playback		Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)
Image Capture		Yes	Yes	Yes	Yes
Output Type		VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)
4K Output Support		No	No	No	Yes
Case		1U	1.5U	2U	1U
Audio Input		4 +IPC	4 +IPC	16 +IPC	4 +IPC
Audio Output		1	1	1	1
Two Way Audio		Yes	Yes	Yes	Yes
Alarm In		4 + IPC	4 + IPC	16 + IPC	4 + IPC
Alarm Out		1 + IPC	1 + IPC	4 + IPC	1 + IPC
PTZ Control		RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network
Analog	Recording 960H	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
AHD /	Recording 720P	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
CVI /	Recording 1080P Lite	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
TVI	Recording 1080P	Up to 12/15 FPS Per Channel	Up to 12/15 FPS Per Channel	Up to 12/15 FPS Per Channel	25/30FPS Per Channel
AHD / TVI	Recording 4MP	No	No	No	Up to 12/15 FPS Per Channel
(No CVI)	Recording 5MP	No	No	No	Up to 10 FPS Per Channel
IP	Recording 1080P and Lower	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
	Recording 3MP	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
	Recording 4MP (Max Resolution)	No	No	No	25/30FPS Per Channel
Total Bandwidth (Incoming)		24Mbps (4IPC)/60Mbps (15IPC)	24Mbps (4IPC)/60Mbps (15IPC)	24Mbps (4IPC)/60Mbps (15IPC)	32Mbps (4IPC) / 72Mbps (12IPC)
Total Bandwidth (Outgoing)		50Mbps	50Mbps	50Mbps	50Mbps
Compression		H.264 High profile	H.264 High profile	H.264 High profile	H.264 High profile
HDD		2(8TB Each)	4(8TB Each)	8(8TB Each)	2(8TB Each)
HDD USB Port		1 USB 2.0 + 1 USB 3.0	1 USB 2.0 + 1 USB 3.0	1 USB 2.0 + 1 USB 3.0	1 USB 2.0 + 1 USB 3.0
E-SATA		No	No	No	No
Ethernet		100Mbps	100Mbps	100Mbps	100Mbps
Analog	Master Stream (Up To)	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H
HD Analog		1-12/15 FPS @ 1080P	1-12/15 FPS @ 1080P	1-12/15 FPS @ 1080P	1-10 FPS @ 5MP
IP		1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP	1-25/30 FPS @ 4MP
Number of Master Stream Channels over Network		24	24	24	24
Analog	Network Stream (Up To)	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF
HD Analog		1-12/15@720P	1-12/15@720P	1-12/15@720P	1-25/30@1080P
IP		1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1	1-25/30 FPS @ D1
Max Simultaneous Users		5	5	5	5
IR Remote		Yes	Yes	Yes	Yes
IR Extention		No	No	Yes	No
Mouse		Yes	Yes	Yes	Yes
Power Supply		DC12V/2A	110/220VAC	110/220VAC	DC12V/4A

	SH-16200A-5(1.5U)	SA-32400A-5(2U)	SA-32400A-2(1.5U)	SA-32400A-2(2U)
	16+4 15+5 14+6 13+7 12+8 11+9 10+10 9+11 8+12	32+4 31+5 30+6 29+7 28+8 27+9 26+10 25+11 24+12	32CH 4in1 HD Analog	32CH 4in1 HD Analog
	5MP 4in1 Dynamic Hybrid	5MP 4in1 Dynamic Hybrid	2MP 4in1	2MP 4in1
	16CH HD Analog + 4CH IP	32CH HD Analog + 4CH IP	32CH HD Analog	32CH HD Analog
	Yes (For IP Cameras)	Yes (For IP Cameras)	No	No
	4 (With 16CH Analog)	4 (With 32CH Analog)	0	0
	12 (With 8Ch Analog)	12 (With 24Ch Analog)	0	0
	16	16	16	16
	9	9	9	9
	Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)	Yes (1Ch Playback)
	Yes	Yes	Yes	Yes
	VGA,HDMI,CVBS (Spot)	VGA,2xHDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)	VGA,HDMI,CVBS (Spot)
	Yes	Yes	No	No
	1.5U	2U	1.5U	2U
	4 +IPC	16 +IPC	4	16
	1	1	1	1
	Yes	Yes	Yes	Yes
	4 + IPC	16 + IPC	4	16
	1 + IPC	4 + IPC	1	4
	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC	RS-485/CoC
	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel	25/30FPS Per Channel
	25/30FPS Per Channel	25/30FPS Per Channel	Up to 12/15 FPS Per Channel	Up to 12/15 FPS Per Channel
	Up to 12/15 FPS Per Channel	Up to 12/15 FPS Per Channel	No	No
	Up to 10 FPS Per Channel	Up to 10 FPS Per Channel	No	No
	25/30FPS Per Channel	25/30FPS Per Channel	No	No
	25/30FPS Per Channel	25/30FPS Per Channel	No	No
	25/30FPS Per Channel	25/30FPS Per Channel	No	No
	32Mbps (4IPC) / 72Mbps (12IPC)	24Mbps (4IPC) / 60Mbps (12IPC)	0Mbps	0Mbps
	50Mbps	50Mbps	50Mbps	50Mbps
	H.264 High profile	H.264 High profile	H.264 High profile	H.264 High profile
	4(8TB Each)	8(8TB Each)	4(8TB Each)	8(8TB Each)
	1 USB 2.0 + 1 USB 3.0	1 USB 2.0 + 1 USB 3.0	1 USB 2.0 + 1 USB 3.0	1 USB 2.0 + 1 USB 3.0
	No	2(8TB Each)	No	No
	100Mbps	1000Mbps	1000Mbps	1000Mbps
	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H
	1-10 FPS @ 5MP	1-10 FPS @ 5MP	1-12/15 FPS @ 1080P	1-12/15 FPS @ 1080P
	1-25/30 FPS @ 4MP	1-25/30 FPS @ 4MP	No	No
	24	36	24	36
	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF	1-25/30 FPS @ CIF
	1-25/30@1080P	1-25/30@1080P	1-12/15@720P	1-12/15@720P
	1-25/30 FPS @ D1	1-25/30 FPS @ D1	No	No
	5	5	5	5
	Yes	Yes	Yes	Yes
	No	Yes	No	Yes
	Yes	Yes	Yes	Yes
	110/220VAC	110/220VAC	110/220VAC	110/220VAC

Professiomal CCTV Accessories Series

CCTV Accessories

In accordance with our vision of creating a One-Stop-Shop for our clients' security and surveillance needs, we have created a full range of accessories matching all types of installations.

All our products are tested in order to offer the best possible quality.

We understand the need for reliable accessories and set high quality standards to all products.

Power Accessories

- 12V/24V Table top power supply
- 12V wall/rack mountable multi–channel power supply
- 12V/24V power converters

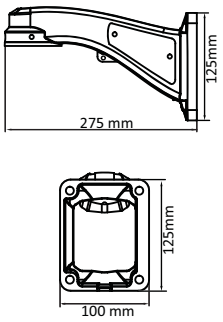
Monitors

7–10'' table/in– wall mountable TFT monitors
4–5'' Technician test monitors

Installation Accessories

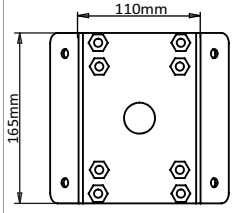
- MP Lenses
- Housings and brackets
- UTP video balus
- HDMI accessories

x20 / x30 Dome PTZ Optional Brackets



Standard Wall Bracket

Provided with the Camera

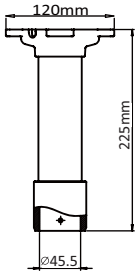


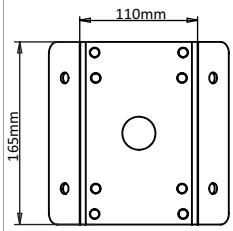
Internal Corner Bracket

Model: PR-B30IC

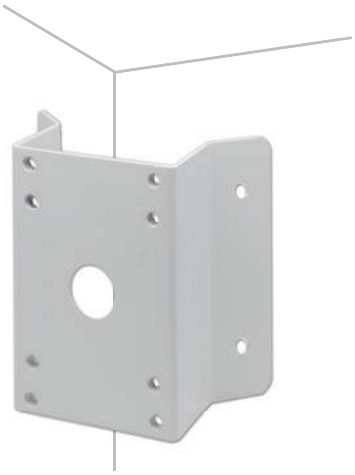
Ceiling Bracket

Model: PR-B30C





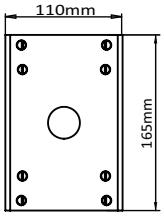
External Corner Bracket



Model: PR-B30EC

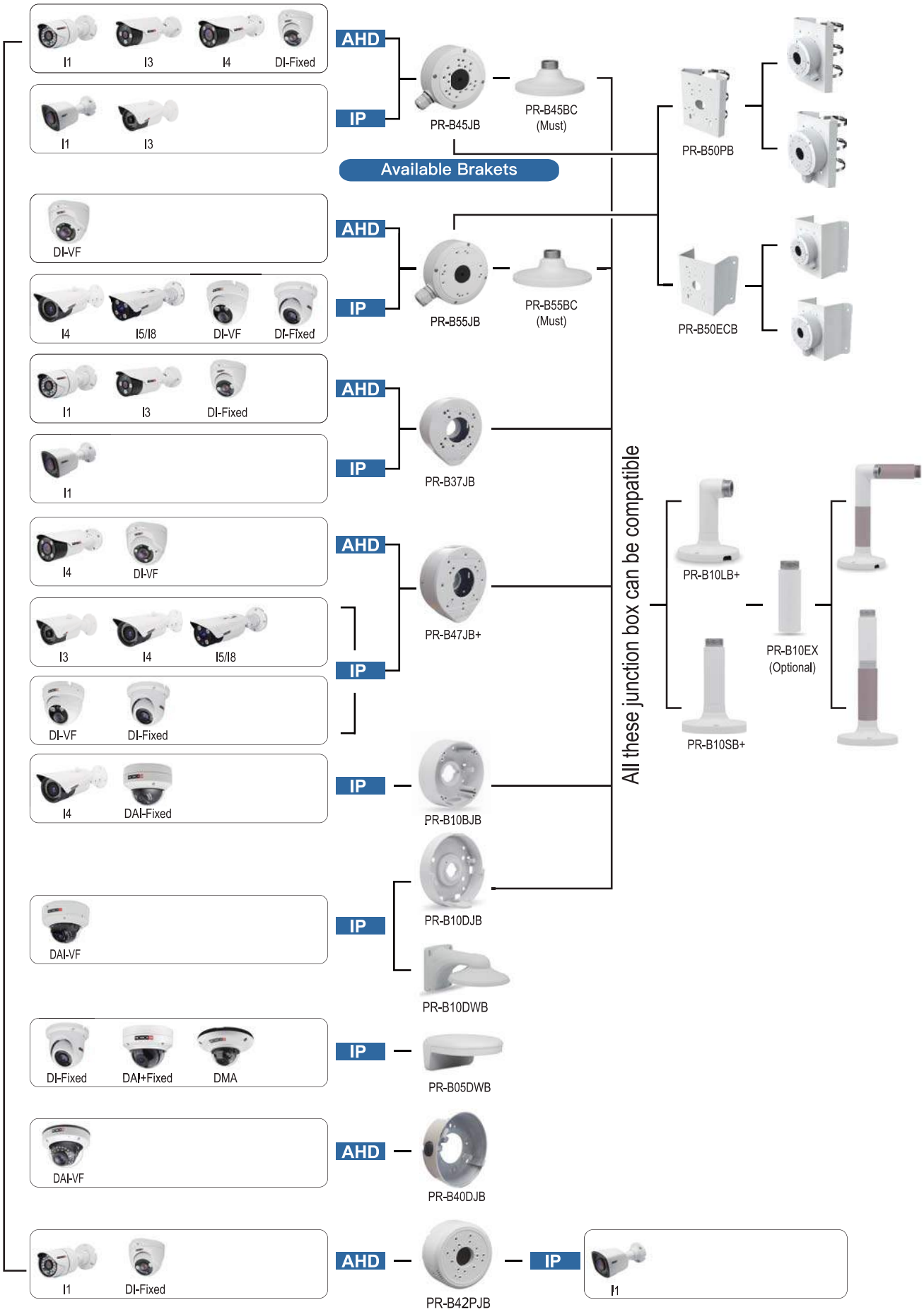
Pole Mount Bracket

Model: PR-B30P

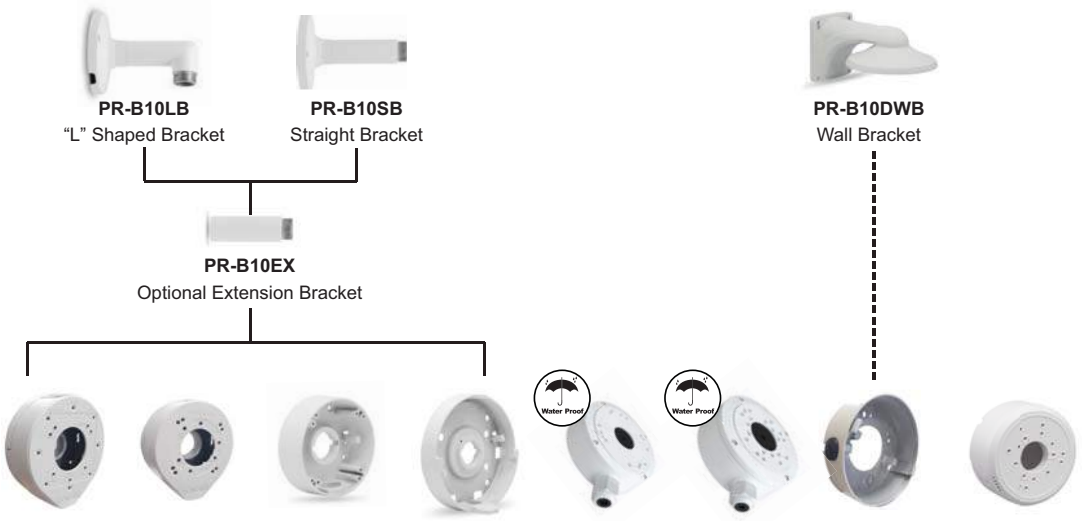


Cameras Bracket Accessories

Enjoy a large variety of installation methods for Provision-ISR cameras



Junction Box Compatibility Table



Camera Model		Junction Box Model							
		PR-B47JB+	PR-B37JB	PR-B10BJB	PR-B10DJB	PR-B45DJB	PR-B55DJB	PR-B40DJB	PR-B42PJB
IP Cameras	DAI-xxxIPxx Fixed Lens			●					
	DAI-xxxIPVF VF Lens				●				
	DI-xxxIPxx Fixed Lens		●				●		
	DI-xxxIPxxx MVF/VF Lens	●					●		
	I1-xxxIP36 Fixed Lens		●			●			●
	I3-xxxIPxx VF/Fixed Lens	●				●			
	I8/I5/I4-xxxIPxxx MVF/VF Lens	●		●			●		
HD Analog Cameras	DI-xxxAHDxx Fixed Lens		●			●			●
	DI-xxxAHDxx MVF/VF Lens	●					●		
	DAI-xxxAHDVF VF Lens							●	
	I1-xxxAHDxx Fixed Lens		●			●			●
	I3-xxxAHDxx Fixed Lens		●			●			
	I4-xxxAHDxx MVF/VF Lens	●				●			

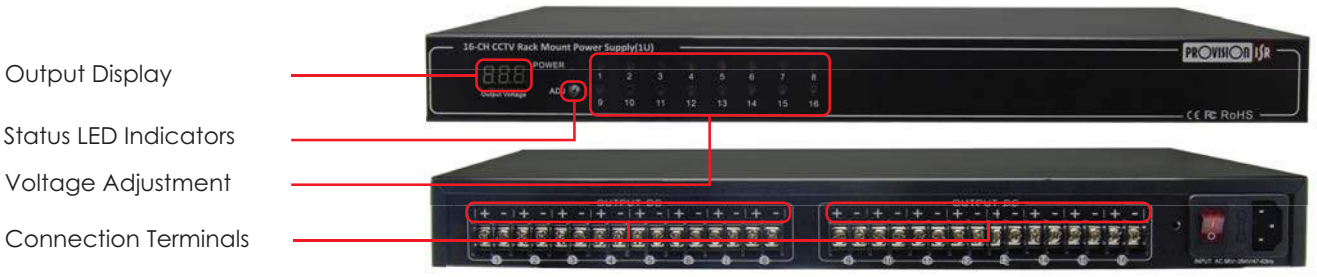
8/9/16CH Power Supply

Features:

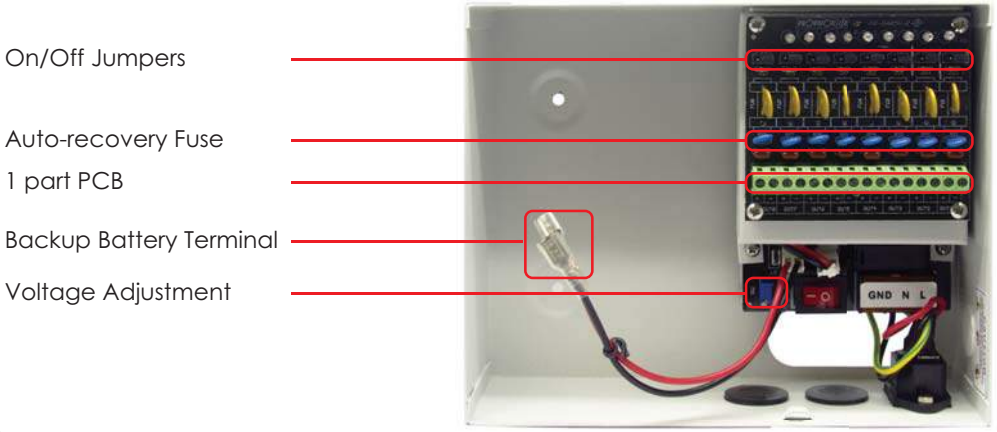
- High efficiency and environmental friendly design
- Optimal design for easy installation
- Stable power signal to support clear images
- Over-current protection
- "Over-voltage" output protection
- Short circuit protection
- Lock
- Individual Status LED for each Channel
- Thermal Fuses
- Backup Battery Support*

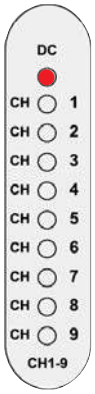
MODEL	PR-5A8CH-B	PR-5A8CH	PR-10A9CH-B	PR-10A9CH	PR-12A16CH	PR-20A16CH(1U)
Output Terminals	8 Ports	8 Ports	9 Ports	9 Ports	16 Ports	16 Ports
Input Voltage	AC100~240V	AC100~240V	AC100~240V	AC100~240V	AC100~240V	AC100~240V
Frequency	47~63HZ	47~63HZ	47~63HZ	47~63HZ	47~63HZ	47~63HZ
Output Voltage	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Output Current	5Amp	5Amp	10Amp	10Amp	12Amp	20Amp
Output Volt-Regulation Precion	DC12~15V	DC11~15V	DC12~15V	DC11~15V	DC11~15V	DC11~15V
Over Current Protection	6A ±5%	6A ±5%	6A ±5%	6A ±5%	6A ±5%	6A ±5%
Ripple & Noise	≤ 120mVp-p	≤ 120mVp-p	≤ 120mVp-p	≤ 120mVp-p	≤ 120mVp-p	≤ 120mVp-p
Efficiency	≥ 85%	≥ 85%	≥ 85%	≥ 85%	≥ 85%	≥ 85%
Backup Battery Support	Yes	No	Yes	No	No	No
Housing	Power Box	Power Box	Power Box	Power Box	Power Box	1U Rack Mountable
Dimensions	205 x 165 x 75mm	204 x 190 x 60mm	330 x 255 x 80mm	290 x 220 x 70mm	290 x 220 x 70mm	440 x 225 x 45mm
Weight	1.42 Kg	2.15 Kg	3.15 Kg	2.45 Kg	2.45 Kg	3.5 Kg

PR-20A16CH (1U)



PR-5A8CH-B





Status LED Indicators

1/4CH Power Supplies

Features:

- High efficiency and environmental friendly design
- Optimal design for easy installation
- Stable power signal to support clear images
- Full AC Input range*
- Over-current protection*
- Short circuit protection*
- Auto Recovery*

Power Supplies

MODEL	PR-12V1A	PR-12V3A	PR-12V5A	PR-12V5A-4	PR-24V1A-AC	PR-24V1A-DC
Outputs	1 DC Plug	1 DC Plug	1 DC Plug	4 DC Plugs	AC Terminal	1 DC Plug
Available AC Plugs	EU / US Built in	EU / US (AC 2 Pin Plug)	EU/US/SA/IS (AC 3 Pin Plug)	EU/US/SA/IS (AC 3 Pin Plug)	EU/US/SA/IS (AC 3 Pin Plug)	
Input Voltage	AC100~240V	AC100~240V	AC100~240V	AC100~240V	AC110V / AC240V	
Frequency	47~63HZ	47~63HZ	47~63HZ	47~63HZ	47~53HZ / 57~63HZ	
Output Voltage	DC12V±5%	DC12V±5%	DC12V±5%	DC12V±5%	DC24V±5%	DC24V±5%
Output Current	1Amp	3Amp	5Amp	5Amp	1Amp	
Output Adjustment	No	No	No	Yes (11.8VDC ~ 14.5VDC)	No	
Over Current Protection	Yes, Automatic Recovery	Yes, Automatic Recovery	Yes, Automatic Recovery	Yes, Automatic Recovery	No	
Ripple & Noise	≤ 1% (mVp-p)	≤ 1% (mVp-p)	≤ 1% (mVp-p)	≤ 1% (mVp-p)	≤ 1% (mVp-p)	
Dimensions	74 x 50 x 29mm	95 x 43 x 31mm	123 x 59 x 39mm	123 x 59 x 39mm	100 x 65 x 60mm	
Weight	99g	176g	272g	324g	614g	

*Not including the 24V PSU

Power Convertors

Features:

- 1CH Input/Output
- Optimal design for easy installation
- Stable power signal to support clear images
- Increases flexibility for different power infrastructures

Power Converters

MODEL	PR-24DC-12DC	PR-24DC-12DC
Input Voltage	8-24VDC (Terminal)	20-30VAC (Terminal)
Output Voltage	DC12V±5% (Terminal)	DC12V±5% (Terminal)
Frequency	47~63HZ	47~63HZ
Output Current	1Amp	1Amp
Output Adjustment	No	No
Over Current Protection	Yes, Automatic Recovery	Yes, Automatic Recovery
Ripple & Noise	≤ 1% (mVp-p)	≤ 1% (mVp-p)
Dimensions	65 x 30 x 25mm	65 x 30 x 25mm
Weight	20g	20g

AHD TEST MONITOR

TM-434IN1BL

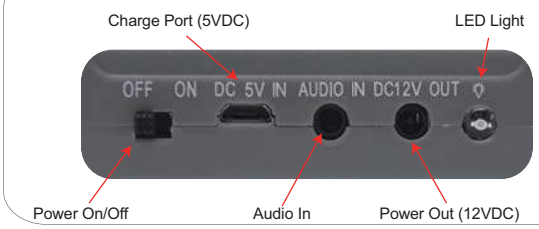
MODEL	TM-434IN1BL
Display	4.3" TFT Color LCD
Screen Resolution	480x272
Video In	BNC x 1
System Format	PAL / NTSC
Input Resolution Support	2MP and Lower
Input Signal Support	4 in 1 (AHD / CVI / TVI / CVBS)
Image Settings	Brightness / Contrast / Color
DC Power Out	12VDC Output
USB Power Out	5VDC Output
Audio	PL Plug input, Built-In Speaker
Status Indicator	3 LED Indicators
Internal Power Source	3.7V, 2600mAh Battery
Battery Life	4 Hours Charge = 6 Hours Work*
External Power Source	5V, 1A Power Supply
Dimension	120x80x40mm
Net Weight	150g

*Work time is calculated without operating any external device via 12v/5v DC Output

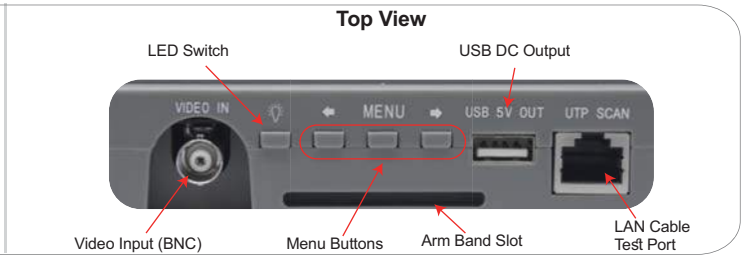
Main Features:

Sensor: 4.3" TFT LCD
2MP 4in1 support: AHD / CVI /TVI / CVBS
Image settings support
12VDC Ouput (Plug Supplied)
5VDC Output (Micro USB Plug Supplied)
Audio in with Built-in Speaker
PAL/NTSC Support
Status LED Indicators
Built-In Long-Life Rechargeable Battery
Hands Free Operation (Arm strap supplied)
Light Weight

Side View



Top View



AHD TEST MONITOR

TM-43AHDBL

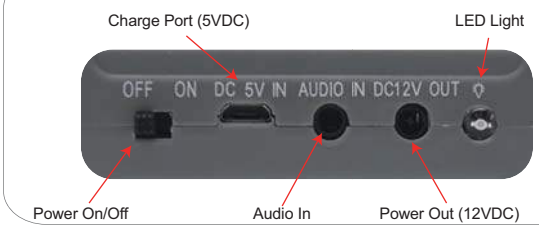
MODEL	TM-43AHDBL
Display	4.3" TFT Color LCD
Screen Resolution	480x272
Video In	BNC x 1
System Format	PAL / NTSC
Input Resolution Support	2MP and Lower
Input Signal Support	AHD / CVBS
Image Settings	Brightness / Contrast / Color
DC Power Out	12VDC Output
USB Power Out	5VDC Output
RS-485 Support	Yes
Audio	PL Plug input, Built-In Speaker
Status Indicator	3 LED Indicators
Internal Power Source	3.7V, 2600mAh Battery
Battery Life	4 Hours Charge = 6 Hours Work*
External Power Source	5V, 1A Power Supply
Dimension	120x80x40mm
Net Weight	150g

*Work time is calculated without operating any external device via 12v/5v DC Output

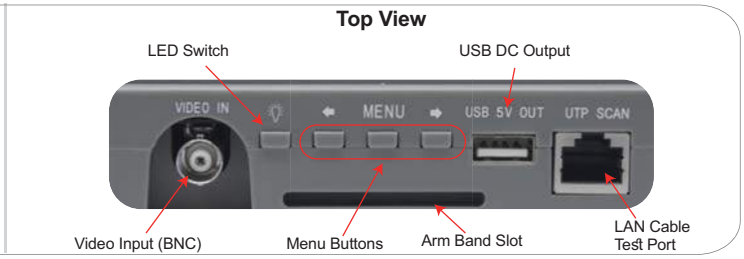
Main Features:

Sensor: 4.3" TFT LCD
AHD support (2MP AHD / 1MP AHD / Analog)
Image settings support
12VDC Ouput (Plug Supplied)
5VDC Output (Micro USB Plug Supplied)
Audio in with Built-in Speaker
RS-485 Support
PAL/NTSC Support
Status LED Indicators
Built-In Long-Life Rechargeable Battery
Hands Free Operation (Arm strap supplied)
Light Weight

Side View



Top View



HD ANALOG TEST MONITOR

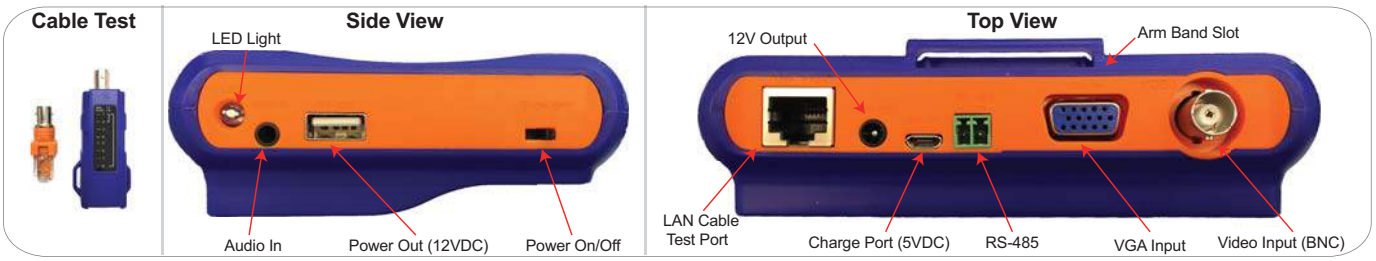
TM-54IN1-5
TM-54IN1-2

MODEL	TM-54IN1-5	TM-54IN1-2
Display	5" TFT Color LCD	
Screen Resolution	800x480	
Video In	HDMI x 1, BNC x 1, VGA x 1	BNC x 1, VGA x 1
System Format	PAL / NTSC	
Input Resolution Support	5MP and Lower	2MP and Lower
Input Signal Support	4 in 1 (AHD / CVI / TVI / CVBS)	
Image Settings	Brightness / Contrast / Color	
DC Power Out	12VDC Output	
USB Power Out	5VDC Output	
Audio	PL Plug input, Built-In Speaker	
Additional Accessories	Network Cable Tester, Coax Cable Tester	
RS-485	Supported (Pelco-P/D)	
Status Indicator	3 LED Indicators	
Internal Power Source	3.7V, 3000mAh Battery	
Battery Life	4 Hours Charge = 6 Hours Work*	
External Power Source	5V, 1A Power Supply	
Dimension	135x100x40mm	
Net Weight	200g	

*Work time is calculated without operating any external device via 12v/5v DC Output

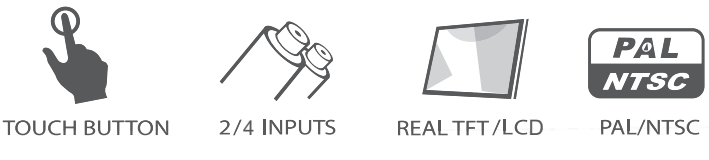
Main Features:

Sensor: 4.3" TFT LCD
5 / 2MP 4in1 support: AHD / CVI /TVI / CVBS
Image settings support
12VDC Ouput (Plug Supplied)
5VDC Output (Micro USB Plug Supplied)
Audio in with Built-in Speaker
PAL/NTSC Support
Status LED Indicators
Built-In Long-Life Rechargeable Battery
Hands Free Operation (Arm strap supplied)
Light Weight



Monitors ULTRA THIN

PR-IPS7 / PR-TFT7P
PR-TFT9HD
PR-IPS10



Specifications:

Model	PR-IPS7	PR-TFT7P	PR-TFT9HD	PR-IPS10
Screen Size	7" TFT Screen	7" TFT Screen	9" TFT Screen	10" TFT Screen
Resolution	1024x600	1024x600	1024x600	1024x600
TV System	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Power Supply	DC 12V, 1A	DC 12V, 1A	DC 12V, 1A	DC 12V, 1A
Video Input	1VP-P, 75Ohm	1VP-P, 75Ohm	1VP-P, 75Ohm	1VP-P, 75Ohm
Inputs	AV1, AV2, Power	AV1, AV2, VGA, HDMI, Power	AV1, AV2, Power	AV1, AV2, VGA, HDMI, Power
Work Temperature	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C
Viewing Angle	85° (All Directions)	65°/65°/65°/50° (L/R/U/D)	70°/70°/70°/50° (L/R/U/D)	85° (All Directions)
Contrast Ratio	300:1	300:1	300:1	300:1
Brightness	260CD/m2	380CD/m2	260CD/m2	260CD/m2
Weight	0.66Kg	0.40Kg	0.85Kg	1.2Kg
Dimension	177W x 117H x 15D mm	177W x 117H x 15D mm	220W x 140H x 16D mm	250W x 163H x 16D mm

1CH HD VIDEO PASSIVE BALUN

PTR-101V-HD+

MODEL		PTR-101V-HD+
Input		1Ch x Twisted Pair
Output		1Ch BNC
System Format		PAL / NTSC
Input Resolution Support		4MP and Lower
Input Signal Support		4 in 1 (AHD / CVI / TVI / CVBS)
Transmission Distance	5/4MP	200m (AHD) / 150m (CVI / TVI)
	2MP	200m (AHD) / 150m (CVI / TVI)
	1MP	200m (AHD) / 150m (CVI / TVI)
	960H and Lower	200m
Attenuation		1.5db Max
Wiring		Unshielded Twisted Pair
Surge Protection		2KV
Work Environment		-20°C-70°C, 0%-90% Humidity
Power Source		Not Required (Passive Unit)
Dimenstions		Camera Side - 51x19x18mm / DVR Side - 40x20x18mm + 140mm Wire
Net Weight		30g

Main Features:

1Ch Set
5MP 4in1 support: AHD / CVI /TVI / CVBS
Passive - No Power Required
Minimal Attenuation
Light Weight

1CH HD VIDEO + POWER PASSIVE BALUN

PTR-102VP-HD+

MODEL		PTR-102VP-HD+
Input		1Ch BNC + 12VDC Power
Output		1Ch BNC + 12VDC Power
System Format		PAL / NTSC
Input Resolution Support		4MP and Lower
Input Signal Support		4 in 1 (AHD / CVI / TVI / CVBS)
Transmission Distance	5/4MP	200m (AHD) / 150m (CVI / TVI)
	2MP	200m (AHD) / 150m (CVI / TVI)
	1MP	200m (AHD) / 150m (CVI / TVI)
	960H and Lower	200m
Attenuation		1.5db Max
Wiring		Cat5/5e/6 cripmped cable (RJ-45)
Surge Protection		2KV
Work Environment		-20°C-70°C, 0%-90% Humidity
Power Source		Not Required (Passive Unit). Power is required for powered device only.
Dimenstions		Camera/DVR Side - 73x29x20mm + 113mm Wire
Net Weight		60g

Main Features:

1Ch Set
5MP 4in1 support: AHD / CVI /TVI / CVBS
Passive
Minimal Attenuation
Light Weight

Power transmission max. distance

Model Consumption \ Power Supply	DC 12V	DC 15V
200mA	180m	280m
300mA	120m	180m
400mA	100m	130m
500mA	80m	110m
600mA	60m	90m

1CH HD VIDEO + HIGH POWER PASSIVE BALUN

PTR-103VHP-HD

MODEL		PTR-103VHP-HD
Input		1Ch BNC + 12-36VDC Power
Output		1Ch BNC + 12VDC Power
System Format		PAL / NTSC
Input Resolution Support		5MP and Lower
Input Signal Support		4 in 1 (AHD / CVI / TVI / CVBS)
Transmission Distance	5MP	180m (AHD/TVI)
	4MP	180m (AHD/TVI)
	2MP	200m (AHD/TVI) / 230m (CVI)
	1MP	320m (AHD) / 250m (TVI) / 440m (CVI)
	960H and Lower	200m
Attenuation		1.5db Max
Wiring		Cat5/5e/6 cripmped cable (RJ-45)
Surge Protection		2KV
Work Environment		-20°C-70°C, 0%-90% Humidity
Power Source		Not Required (Passive Unit). Power is required for powered device only.
Dimenstions		Camera/DVR Side - 73x29x20mm + 113mm Wire
Net Weight		60g

Main Features:

1Ch Set
5MP 4in1 support: AHD / CVI /TVI / CVBS
High-Power input - 12VDC Stable Output
Passive
Minimal Attenuation
Light Weight

Technology max. distance

Technology / Resolution	AHD	CVI	TVI
720P	320m	440m	250m
1080P	200m	230m	200m
4MP	180m		180m
5MP	180m		180m

Power transmission max. distance

Power Supply / Power Consumption	DV 24V	DC 36V
200mA	400m	500m
300mA	350m	400m
400mA	300m	350m
500mA	240m	300m
600mA	190m	250m

4CH HD PASSIVE BALUN

PTR-401V-HD

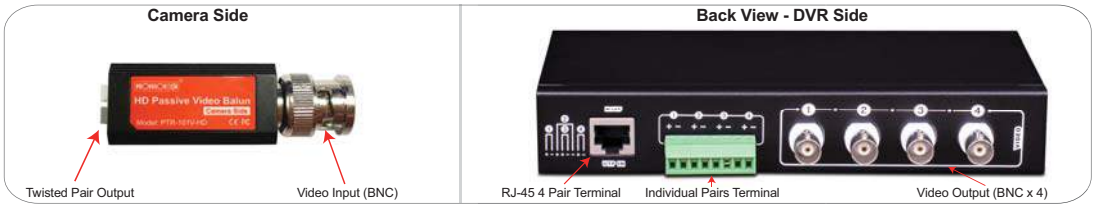
MODEL		PTR-401V-HD
Input		4Ch x Twisted Pair
Output		4Ch BNC
System Format		PAL / NTSC
Input Resolution Support		5MP and Lower
Input Signal Support		4 in 1 (AHD / CVI / TVI / CVBS)
Transmission Distance	5MP	180m (AHD/TVI)
	4MP	180m (AHD/TVI)
	2MP	200m (AHD/TVI) / 230m (CVI)
	1MP	320m (AHD) / 250m (TVI) / 440m (CVI)
	960H and Lower	200m
Attenuation		1.5db Max
Wiring		Unshielded Twisted Pair (Per Channel)
Surge Protection		2KV
Work Environment		-20°C-70°C, 0%-90% Humidity
Power Source		Not Required (Passive Unit)
Dimenstions		100x72.5x23mm
Net Weight		200g

Main Features:

4Ch Unit
5MP 4in1 support: AHD / CVI /TVI / CVBS
Passive - No Power Required
Surge Protection
Minimal Attenuation
Light Weight

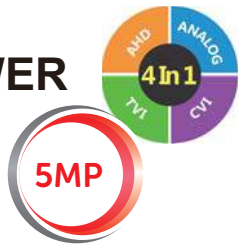
Technology max. distance

Technology / Resolution	AHD	CVI	TVI
720P	320m	440m	250m
1080P	200m	230m	200m
4MP	180m		180m
5MP	180m		180m



4CH HD VIDEO + HIGH POWER PASSIVE BALUN

PTR-401VHP-HD



MODEL		PTR-401VHP-HD
Input		4Ch BNC + 12-36VDC Power
Output		4Ch BNC + 12VDC Power
System Format		PAL / NTSC
Input Resolution Support		5MP and Lower
Input Signal Support		4 in 1 (AHD / CVI / TVI / CVBS)
Transmission Distance	5MP	180m (AHD/TVI)
	4MP	180m (AHD/TVI)
	2MP	200m (AHD/TVI) / 230m (CVI)
	1MP	320m (AHD) / 250m (TVI) / 440m (CVI)
	960H and Lower	200m
Attenuation		1.5db Max
Wiring		Cat5/5e/6 cripmped cable (RJ-45)
Surge Protection		2KV
Work Environment		-20°C-70°C, 0%-90% Humidity
Power Source		110/220VAC Power Input
Dimenstions		DVR Side - 300x260x67mm Camera Side - 73x29x20mm + 113mm Wire
Net Weight		2.5Kg (DVR Side) + 60g (Camera Side)

Main Features:

4Ch Set
5MP 4in1 support: AHD / CVI /TVI / CVBS
High-Power input - 12VDC Stable Output
Plug and Play
Passive
Minimal Attenuation
Light Weight Camera Side Unit

Technology max. distance

Technology / Resolution	AHD	CVI	TVI
720P	320m	440m	250m
1080P	200m	230m	200m
4MP	180m		180m
5MP	180m		180m

Power transmission max. distance

Power Supply / Power Consumption	DV 24V	DC 36V
200mA	400m	500m
300mA	350m	400m
400mA	300m	350m
500mA	240m	300m
600mA	190m	250m

Camera Side

RJ-45 Network Cable — Video + Power Input (BNC)

Back View - DVR Side

RJ-45 Power + Video Ports — Video Output (BNC x 4) — 110/220VAC Power Input

HDMI Accessories

HDMI to VGA

Model: PR-HDMItoVGA

Converts HDMI output to VGA output

- Supports: all HD format up to 1080P @ 30 fps
- Support HDMI 1.4b
- No support of HDMI audio (Will be lost)
- No power required

HDMI Repeater

Model: PR-HDeX(4K)

Repeats and regenerates a signal of HDMI input and allows the usage of a second HDMI cable for total length of up to 40m.

- Supports: all HD format up to 4K @ 30 fps
- Support HDMI 1.4b
- Support up to 40 meters total transmission distance (AWG 26 cable standard)
  1080P resolution: Input: up to 15 meters, Output: up to 25 meters
  4K resolution: Input: up to 5 meters, Output: up to 8 meters
  Note: Working Distance may be affected by the cable quality and length
- No power required

1 to 2 HDMI Splitter

Model: PR-SP102(4K)

Splits a single HDMI input signal into 2 identical outputs.

- Split 1 HDMI input to 2 HDMI outputs
- Support HDMI resolution up to 4K@30Hz
- Support digital audio format: DTS-HD/Dolby-true HD/DTS/Dolby-AC3/DSD/HD(HBR)
- Supported HDMI cable distance: (AWG 26 cable standard)
  1080P resolution: Input: up to 15 meters, Output: up to 15 meters
  4K resolution: Input: up to 8 meters, Output: up to 8 meters
  Note: Working Distance may be affected by the cable quality and length
- Requires DC5V power supply (USB Power cable included)

1 to 4 HDMI Splitter

Model: PR-SP104(4K)

Splits a single HDMI input signal into 4 identical outputs.

- Split 1 HDMI input to 4 HDMI outputs
- Support HDMI resolution up to 4K@30Hz
- Support digital audio format: DTS-HD/Dolby-true HD/ DTS/ Dolby-AC3/ DSD/ HD(HBR)
- Supported HDMI cable distance: (AWG 26 cable standard)
  1080P resolution: Input: up to 15 meters, Output: up to 15 meters
  4K resolution: Input: up to 8 meters, Output: up to 8 meters
  Note: Working Distance may be affected by the cable quality and length
- Include DC5V power supply

HDMI Accessories

3 to 1 HDMI Switcher

Model: PR-SW301(4K)

Allows the connection of 3 HDMI sources to a single HDMI display unit. After connection the required input can be chosen manually or selected by the device automatically.

- Compatible with HDMI 1.4a
- Support up to 4K@30Hz
- Deep color 12bit per channel
- "Smart switching" function that can detect live HDMI signal in different channels and switch to it automatically
- No power supply required for standard installation. If the HDMI output cable exceeds 5m – a CD5V power supply will be required (Not included)

AHD to HDMI/VGA/BNC Converter

Model: PR-AHD-Con

Converts AHD signal to HDMI/VGA/BNC signal for a connection of an AHD source to a standard display device.

- HDMI output compatible with HDCP, HDMI1.4
- HDMI output resolutions: 720P@50/60Hz, 1080P@50/60Hz
- VGA output resolutions: 800x600@60Hz, 1024x768@60Hz, 1366x768@60Hz, 1280x720@60Hz, 1920x1080@60Hz
- Selectable output by physical button on the device
- Supports both NTSC/PAL Video inputs –Automatic detection
- Maximum output distance: HDMI: 20 meters, VGA: 5 meters, CVBS: 500 meters
  Note: Working Distance may be affected by the cable quality and length

HDMI Extender over Cat5e/Cat6

Transmits HDMI signal over Ethernet cable.

Model: PR-HDoNet+ / PR-HDoNet(IR)

- Working Distance: Up to 40m distance over cat5e cable. Up to 60m over Cat6 cable
- HDMI1.3 & 3D support
- 12Bit deep color and bandwidth of up to 225Mhz support
- Support video resolution of up to 1080P@60Hz
- Supported Audio formats: DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD
- IR Signal transmission (PR-HDoNet(IR) Model only)
- DC5V power supplies included

Model: PR-HDoNet-E

- Working Distance: Up to 10m distance over cat5e cable. Up to 20m over Cat6 cable
- HDMI1.3 & 3D support
- Support video resolution of up to 1080P@60Hz
- Supported Audio formats: DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD
- Passive Unit - No power required

HDMI USB KVM Extender over Cat5e/Cat6

Model: PR-HDKVMoNet

Transmits HDMI + USB + IR signals over Ethernet cable.

- Working distance:Up to 100m distance over cat5e cable. Up to 130m over Cat6 cable
- HDMI1.3 & 3D Support
- 12Bit deep color and bandwidth of up to 225Mhz support
- Support video resolution of up to 1080P@60Hz
- Supported Audio formats: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Support USB2.0 Keyboard and mouse transmission
- Support IR signal transmission
- DC5V power supplies included

Mega-Pixel Lens

Auto Iris Lens

03610DCMP-6

Resolution		6MP			Relative Aperture	1.5±5%
Focal-length		3.6-10mm±5%			Mount	CS
Format		1/1.8"			Focus Range	0.3m~∞
Angle of View	CCD Format	Horizontal	Vertical	Diagonal	Weight	43g
	1/1.8"	95°~40	62~26°	120~48°	Focus	Manual focus and manual zoom
	1/2.7"	/	/	/	Iris	Auto
	1/3"	/	/	/	Operating Temperature	-20℃~+60℃
	1/4"	/	/	/	Back Focal-length	.6.6mm

02812DCMP-3

Resolution		3MP			Relative Aperture	1.4±5%
Focal-length		2.8-12mm±5%			Mount	CS
Format		Φ6.6(1/2.7")(MAX)			Focus Range	0.2m~∞
Angle of View	CCD Format	Horizontal	Vertical	Diagonal	Weight	42g
	1/2.5"	/	/	/	Focus	Manual focus and manual zoom
	1/2.7"	103°-30.8°	74.4°-23.3°	138°-40°	Iris	Auto
	1/3"	91°-28°	67.5°-21.2°	120.8°-36°	Operating Temperature	-20℃~+60℃
	1/4"	73°-23.4°	44.8°-14.8°	87.6°-27.8°	Back Focal-length	6.52mm±0.1

NOTES

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