

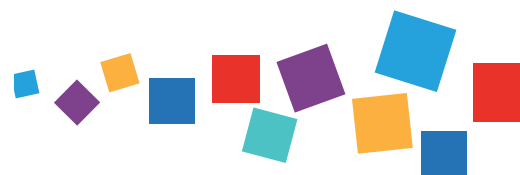


Now you can see!



2017

PRODUCTS CATALOGUE



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HD Analog

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About Provision-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.



Our Service

Quality:

Provision ISR products are 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 range of CCTV accessories matching all types of CCTV installation.
We understand the need for tested and reliable 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 exhibitions, 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.

Call us today to learn more.

OS, Software AND Applications



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

IP Manager (PC Software)



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

Operating System (NVR/DVR OS)



The Ossia is Provision-ISR's latest recording device's operating system. It is currently used for all produced NVR5 models and will be introduced to DVR in through 2017. It is one of the most sophisticated and advanced operating systems available in the CCTV market and will be improved dramatically through time.

Professional CMS (PC Software)



Provision-ISR's CMS (Central Management Software) can be used with all of Provision-ISR's 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)



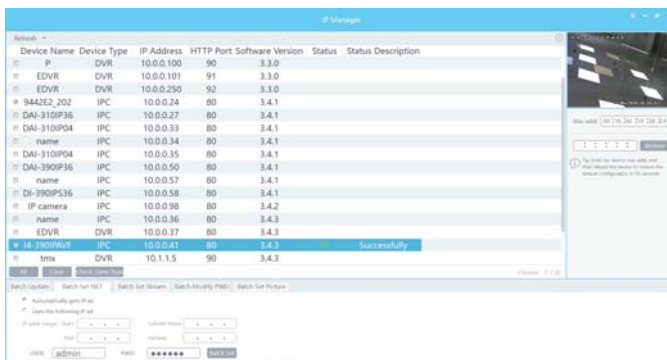
The "Provision PnV2" application is used for Provision-ISR's PnV Cameras only. It can be used with iOS and Android based mobile phones.

IP Manager

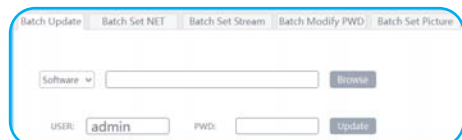
The IP manager is a free PC software used to detect all NVRs, DVRs and IP Cameras in the local network. It is also used for advanced and quick IP camera configuration.

Main Features:

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



Software Update:



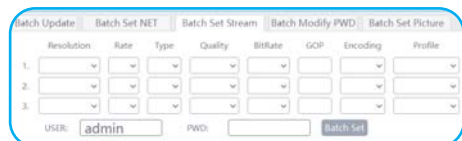
Update IPC software/kernel directly from the tool. It is possible to update several IPC from the same type together.

Network Settings:



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

Stream Settings:



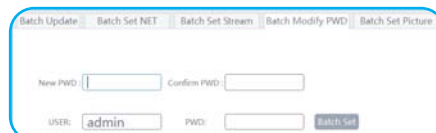
Set the video stream of the camera. This should only be used if the camera serves as a standalone. Only cameras with v3.4.2.1 and up will support this feature.

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 directly from the tool (Requires additional actions for security reasons).

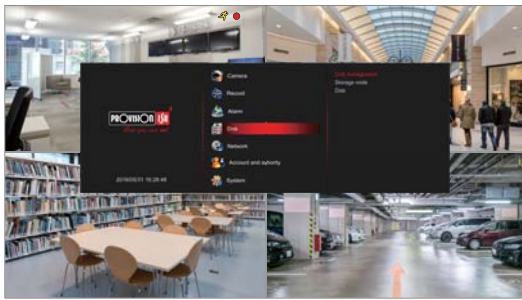
ossia

an experience of harmony...

Ossia is the latest OS for Provision-ISR's DVR/NVR systems. It is one of the most innovative operation systems available 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.

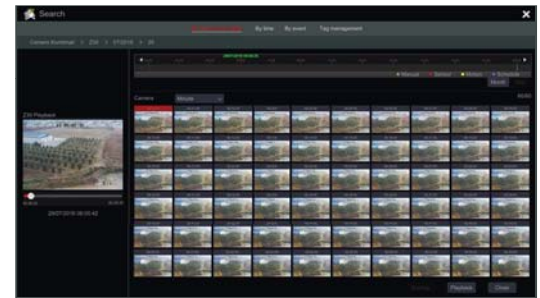


New Capabilities:



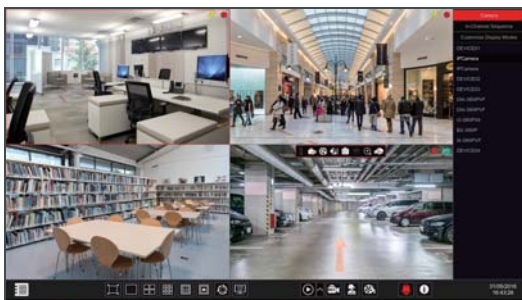
- H.265 Encoding Support
- Manual Alarm Output
- Up to 5MP Support
- 4K (Ultra HD) Support*

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

In-Channel Operations:



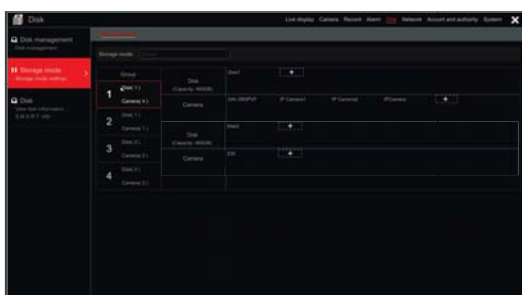
- In-Channel Playback
- In-Channel Sequence
- In-Channel Digital Zoom
- In-Channel PTZ Operations

Intuitive Operations:



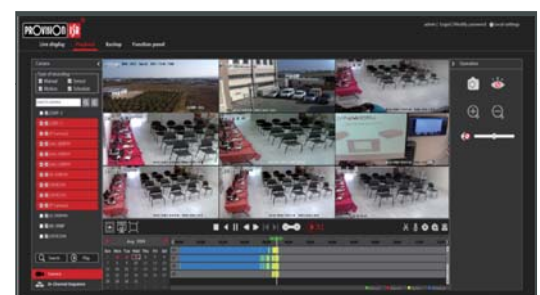
- One-Click Manual Record
- One-Click Alarm/Relay Output
- Camera Layout Presets
- 3D PTZ Operation
- Definable Instant Playback
- Audio Control

Smart Configuration:



- Advanced HDD Management
- Double Stream Recording
- Situation Dependent Recording
- Default Username/Password Configuration

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

Professional CMS

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 minimal 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.										
	PC Hardware					Support Channels					
NO.	CPU	Frequency	Memory (RAM)	Display Card	Display Card Memory	CIF 25fps/CBR/ 1Mbps	D1 25fps/CBR/ 2Mbps	720P (1MP) 25fps/CBR/ 6Mbps	960P (1.3MP) 25fps/CBR/ 6Mbps	1080P (2MP) 25fps/CBR/8Mbps	3MP 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 directly influenced and limited by PC decode capability.										

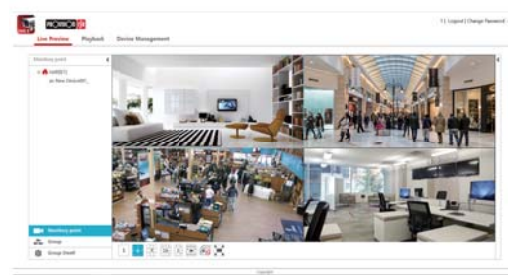
 CMS Recording Capabilities													
Test Method	1. The test was done on a dedicated computer. No other softwares are installed or running while the CMS is working. 2. IPC simulator provides master stream of 1080P/4Mbps and sub stream of D1/1Mbps. 3. We monitor the system resources (CPU, RAM & Network) 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 channels and the resource that was depleted.												
	Hardware					Recording Channels				PC Status	Remark	With Preview	
NO.	CPU	Frequency	Memory	Network	HDD Information			D1 25fps/CBR/ 1Mbps	1080P (2MP) 25fps/CBR/ 4Mbps				
					Model	RMP	Date Speed						
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 Gigabyte network card can support no more than 250 channels (4Mbps per channel), under optimum conditions 2. When recording channels are ~200, i3/i7 PC can handle extra live view as shown in the table above												

Remote Configuration:



The CMS allows full configuration on both local 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:



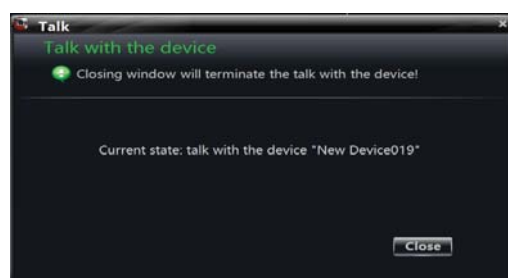
Supporting both remote (saved on device) and local (saved on PC) playback of up to 16 channels (depends on device's technical specs)

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

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
- 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 adjustment
- Local startup configuration



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:

SuperLivePro allows you to display your cameras in various display modes. single channel or multi channel.



App Management:

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

P2P Support:

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



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.



Server List:

The server list displays all the devices linked with the app. It shows if the link is active or not and allows quick sharing of QR code for the device.



Landscape Mode:

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



App Help:

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

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:

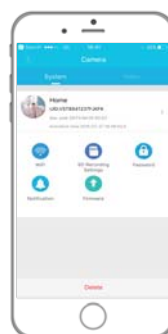
- Live View of single or multi camera display mode (Up to 4 cameras)
- Multi device live view
- Single login for all devices
- Camera access from anywhere in the world based on your user name
- Push Notification
- Gesture password for enhanced security
- 2 Way Audio Support - listen and talk
- Local 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 figure 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:

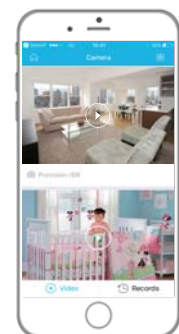
- WiFi Settings
- SD Card Recording
- Password settings
- Push notification settings
- Firmware update.

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.

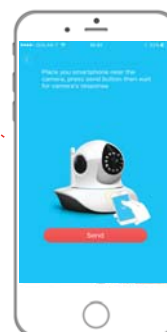
Application Manager:

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/Android 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 wireless (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 landscape 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 protocol for communication over computer networks and the Internet. 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 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.

PnV IP cameras

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

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 5MP. All our cameras were designed with deepest consideration for the installers needs keeping in mind easy installation, analog output for technician monitors, 3-way-axis bracket, ONVIF, POE and DC12 input and more.

IP PTZ Cameras

Our IP PTZ cameras offer full HD resolution (2MP 1080P) 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.

NVRs

Provision-ISR's NVR line was designed under the guideline of keeping the DVR familiar interface together with simplifying the new IP NVR platform. Our NVR systems feature two main product lines: conventional NVRs recognize and interact with IP cameras via the network. PoE/Plug & Play NVRs work in a closed system where the IP cameras are connected directly to the NVR.

PoE Accessoried

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



PnV IP Cameras



At Provision ISR we are looking to address the common user by offering an extraordinary camera, with never seen before capabilities, configuration and simplicity, all in one: our Plug-and-View Cameras (PnV).

It's easy as 1 2 3:

Quick set-up – easy to use – smart and cost effective

Provision-ISR's advanced Plug & View cameras are ideal for monitoring your home, office or business day & night. P&V cameras provide HD image quality with advanced H.264 video compression to achieve the highest streaming video quality.

Provision ISR's innovative technology of "Plug & View Cloud" allows you to easily connect to your camera, anytime, anywhere, simply using your smartphone or tablet and Provision ISR's free app (compatible with Android and iOS).

No messy network cables, or video connections. After installation is completed, the only cable the camera will need is power.

Pan/Tilt Cameras –

PT - Pan/Tilt Indoor Camera

The Pan/Tilt cameras offer installation and positioning flexibility. Perfect for remote monitoring due to it's main features:

- Plug and View interface
- H.264 Video Compression
- 150Mbps WiFi Connectivity (802.11n)
- Motion Detection
- Day and Night Vision with ICR and IR LEDs
- 2 Way Audio (Built in Microphone & Speaker)
- Micro SD card local storage
- iOS/Android Support
- Motorized Pan/Tilt
- Touch Gestures for camera control

Fixed Cameras –

WP - Water-Proof Outdoor Camera

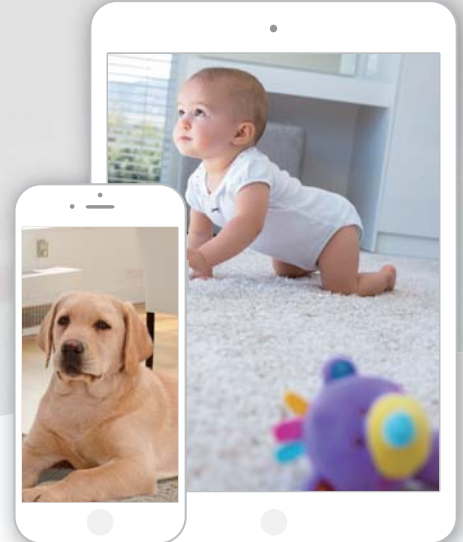
R - "Router" Hidden Camera

The fixed cameras offer a cost-effective solution without compromising important features:

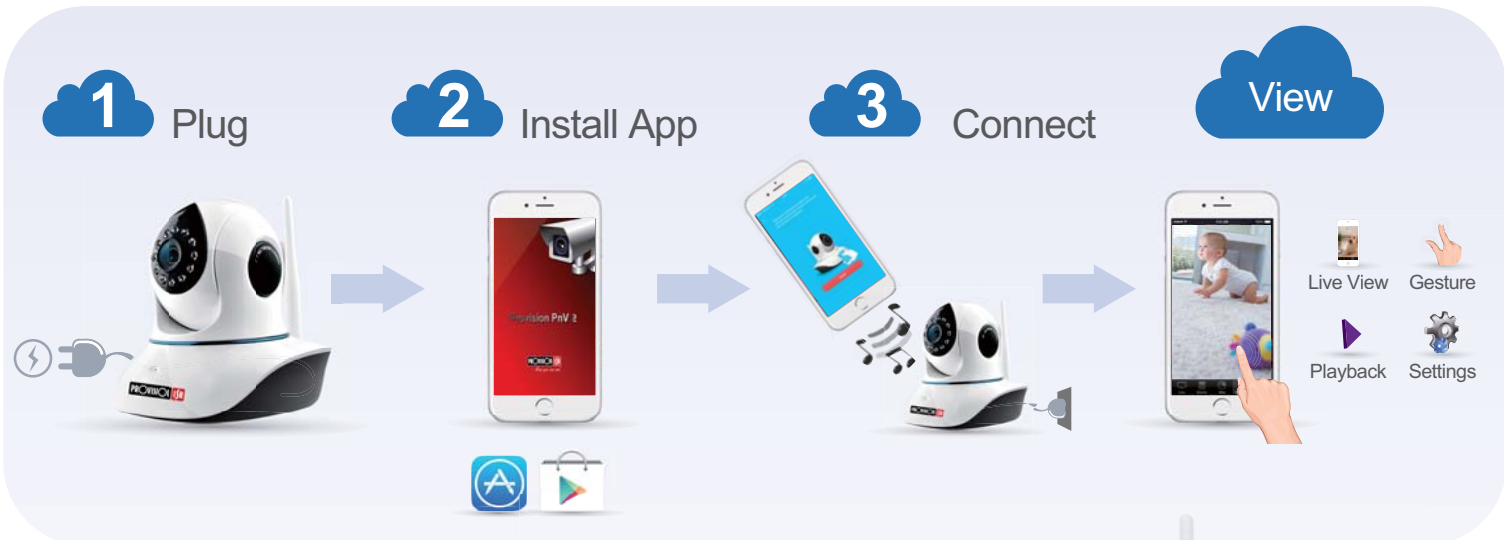
- Plug and View interface
- H.264 Video Compression
- 150Mbps WiFi Connectivity (802.11n)
- Motion Detection
- Day and Night Vision with ICR and IR LEDs
- 2 Way Audio*
- Micro SD card local storage
- iOS/Android Support

* Not Available for the WP-717 Camera

Your beloved ones just a click away...



3 Step Installation



**IP
BASED
SOLUTION**
Series



PAN/TILT IR FIXED LENS CAMERA

PT-838



2 Mega-Pixel camera
Day & night vision
Wide angle- 3.6mm lens
Advanced H.264 Compression
2 Way Audio with Built-in Speaker/Microphone

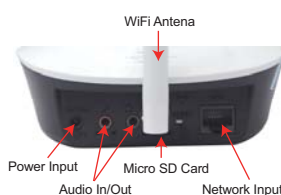
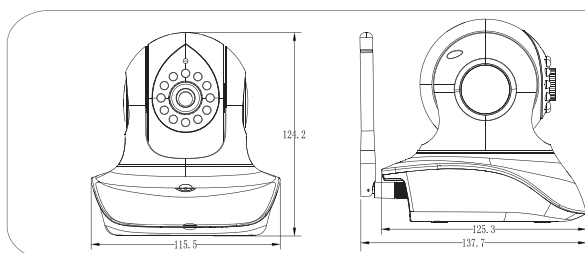
Local recording on Micro SD
Wireless support (802.11b/g/n)
Motion detection
iPhone/iPad/Android viewer app

iOS/Android Mobile App:
- Live view
- Gesture Control
- Remote playback
- Local SnapShot/video recording

Specifications

Camera	Video	Model	PT-737
		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
Compression	Image Enhancement	Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
	Compression	Video Compression	H.264
		Resolution	1080P (1920x1080), VGA (640x480), QVGA (320x240)
		Multi-stream	1920x1080 (12/15fps) / 640x480 (12/15fps) / 320x240 (12/15fps)
		Bit rate	128Kbps ~ 4Mbps
	Pan/Tilt	Encode Mode	VBR
		Image Quality	16 levels under VBR
	Pan/Tilt	Pan	335°
	Pan/Tilt	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	138Lx116Wx124H mm
Connectivity	Weight(gross)	640g
	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
Network	Alarm	No
	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	Yes
Others	Ethernet	100Mbps
	PoE	No
Power Supply	Power Supply	DC5V
	Work Environment	-10°C~50°C, 10%~90% Humidity



PAN/TILT IR FIXED LENS CAMERA

PT-737



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

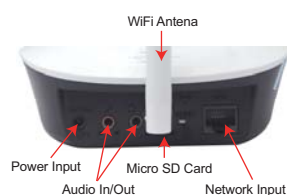
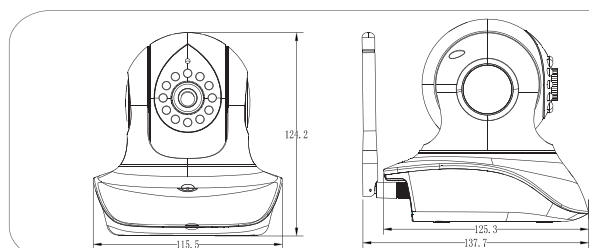
iOS/Android Mobile App:
- Live view
- Gesture Control
- Remote playback
- Local Snapshot/video recording



Specifications

Camera	Video	Model	PT-737
		Image Sensor	1/4" CMOS Sensor
		Effective Pixels	1280x720
		Electronic Shutter	1/50s ~ 1/1000000s
		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
Compression	Motion Detection	Video Compression	H.264
		Resolution	720P (1280×720), VGA (640×480), QVGA (320×240)
		Multi-stream	1280x720 (25/30fps) / 640x480 (25/30fps) / 320x240 (25/30fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
		Image Quality	16 levels under VBR
Pan/Tilt	Motion Detection	Pan	355°
		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
Connectivity	Weight(gross)	640g
	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
Network	Alarm	No
	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	Yes
	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



1 Mega-Pixel camera
Day & night vision
Wide angle- 3.6mm lens
Advanced H.264 Compression
2 Way Audio with Built-in Speaker/Microphone

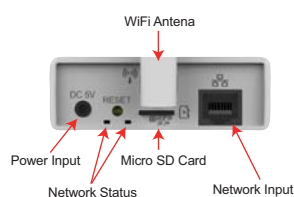
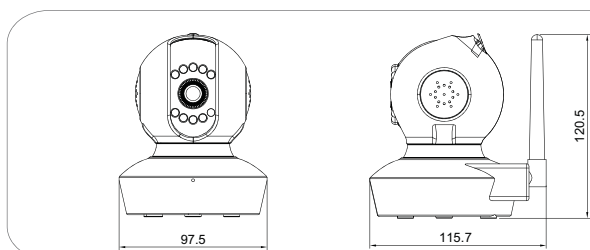
Local recording on Micro SD
Wireless support (802.11b/g/n)
Motion detection
iPhone/iPad/Android viewer app

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) / 640x480 (25/30fps) / 320x240 (25/30fps)	
	Bit rate	128Kbps ~ 4Mbps	
	Encode Mode	VBR	
Pan/Tilt	Image Quality	16 levels under VBR	
	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
Connectivity	Weight(gross)	295g
	Network	RJ45 + WiFi (802.11 b/g/n)
	Power	DC Socket
	Analog Video Output	No
	Audio Connectivity	No
	SD Card	Support TF (64GB Max)
	RS485	No
Network	Alarm	No
	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	Yes
Others	Ethernet	100Mbps
	PoE	No
Power Supply	Power Supply	DC5V
	Work Environment	-10°C~50°C, 10%~90% Humidity



IR FIXED LENS OUTDOOR CAMERA

WP-717

1MP
Plug & View



1 Mega-Pixel camera
Day & night vision
Wide angle- 3.6mm lens
Advanced H.264 Compression
Local recording on Micro SD

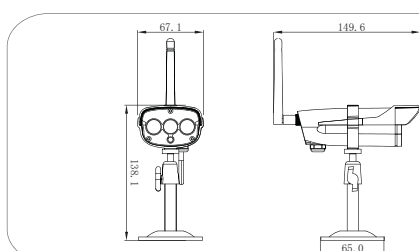
Wireless support (802.11b/g/n)
Motion detection
iPhone/iPad/Android viewer app
Water-Proof

iOS/Android Mobile App:
- Live view
- Remote playback
- Local Snapshot / Video recording

Specifications

Camera	Video	Model	WP-717
		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	Not Available
		Communication	No
	Image Enhancement	Image Settings	AWB
			Auto Exposure
			Automatic Gain
			Saturation & Contrast Adjustable
		WDR Range	No
		Noise Reduction	2D-DNR
Compression	Pan/Tilt	Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
		Video Compression	H.264
		Resolution	720P (1280×720), VGA (640×480), QVGA (320×240)
		Multi-stream	1280x720 (25/30fps) / 640x480 (25/30fps) / 320x240 (25/30fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
		Image Quality	16 levels under VBR
		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
Network	Alarm	No
	Remote Monitoring	Provision PnV2 Mobile App
	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	No
	ONVIF	Yes
Others	Ethernet	100Mbps
	PoE	No
	Power Supply	DC12V
	Work Environment	-10°C~50°C, 10%~90% Humidity



IR FIXED LENS ROUTER CAMERA

R-737



1 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 viewer app

iOS/Android Mobile App:
- Live view
- Remote playback
- Local SnapShot/video recording

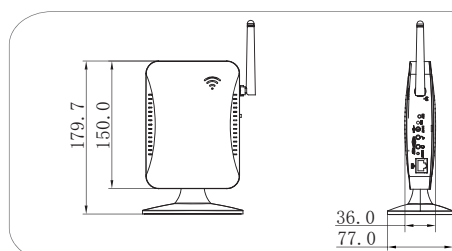
WIFI
Network
SD Card
Cloud Connectivity



Specifications

Camera	Video	Model	R-737
		Image Sensor	1/4" CMOS Sensor
		Effective Pixels	1280x720
		Electronic Shutter	1/50s ~ 1/1000000s
		Day & Night	ICR
	Audio	Min. Illumination	0lux (IR ON)
		Audio compression	ADPCM
	Image Enhancement	Communication	Two Way Audio (Built-In Microphone & Speaker)
		Image Settings	AWB
			Auto Exposure
			Automatic Gain
			Saturation & Contrast Adjustable
		WDR Range	No
		Noise Reduction	2D-DNR
Compression	Image Enhancement	Image Orientation	Mirror/Flip
		Privacy Zone	No
		Motion Detection	Yes
	Video Compression	Video Compression	H.264
		Resolution	720P (1280×720), VGA (640×480), QVGA (320×240)
		Multi-stream	1280x720 (25/30fps) / 640x480 (25/30fps) / 320x240 (25/30fps)
		Bit rate	128Kbps ~ 4Mbps
		Encode Mode	VBR
	Image Quality	Image Quality	16 levels under VBR
Pan/Tilt	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
	Network	RJ45 + WiFi (802.11 b/g/n)
	Power	DC Socket
Connectivity	Analog Video Output	No
	Audio Connectivity	1Ch Input, 1Ch Output
	SD Card	Support TF (128GB Max)
	RS485	No
	Alarm	No
	Remote Monitoring	Provision PnV2 Mobile App
Network	User Access	Supports simultaneous monitoring for up to 4 users
	WPS	Supported (Wi-Fi Protected Setup)
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	No
	Power Supply	DC5V
Others	Work Environment	-10℃~50℃, 10%~90% Humidity



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 understand our users' requirements so we developed 4 different camera lines:

Dark-Sight: best image with the best available resolution, **H.265 compression** and supreme night performance.

Eye-Sight: high resolution models **under H.265 compression**, focused on great image quality.

X-Sight: great image and resolution **under the new H.264+** advanced compression.

S-Sight: addresses more cost sensitive solutions with **standard H.264** compression.

Special Cameras: A line of cameras designed to cover special 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)

The Dark-Sight line was designed to give high resolution video stream together with extraordinary night performance.

- True Day & Night (ICR)
- Min. Illumination 0.001Lux
- H.265/H.264 Compression
- ONVIF
- PoE

5MP:

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

Eye Sight (4MP)

The Eye-Sight line was designed to give high resolution video stream with superb performance and competitive price.

- True Day & Night (ICR)
- Min. Illumination 0.1Lux
- H.265/H.264 Compression
- ONVIF
- PoE

4MP:

- 4MP Resolution (2688×1520)
- 1/3" CMOS

X-Sight (2MP)

The X-Sight line was designed to give standard resolution with great performance and improved H.264+ compression.

- True Day & Night (ICR)
- Min. Illumination 0.1Lux
- H.264+ Compression
- ONVIF
- PoE

2MP:

- 2MP Resolution (1980×1080)
- 1/3" CMOS

S-Sight (3MP, 2MP)

The S-Sight cost effective line was designed to provide you with standard resolution and standard H.264 Compression

- True Day & Night (ICR)
- Min. Illumination 0.1Lux
- H.264 Compression
- ONVIF
- PoE

3MP:

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

2MP:

- 2MP Resolution (1980×1080)
- 1/3" CMOS

Reaching New Peaks!

H.265



H.265 - High Efficiency Video Coding

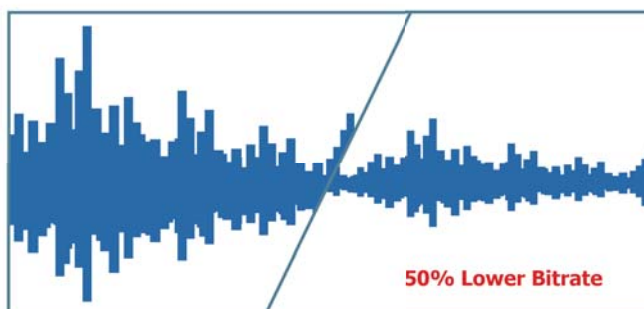
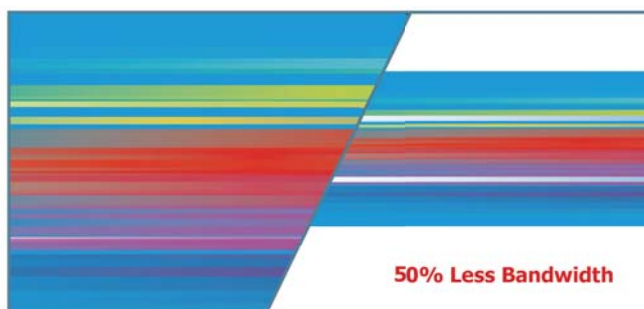
It is a known fact that streaming video is by far the biggest bandwidth consumer on the network. As a result, in many networks and in many cases it suffers from latency, lost frames and other undesired side-effects.

Over the years H.264 has become the dominating compression standard for IP cameras and recording devices. Today it accounts for 80% of all network cameras and in fact it was the main factor that helped the market upgrade the outdated analog resolution to 1, 2 and even 3MP and boost the overall sales of network cameras.

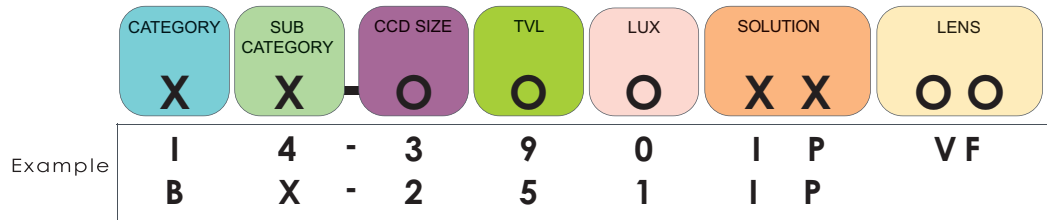
Challenges for streaming video kept coming: High resolution MP cameras such as the latest 4K cameras demanded much more bandwidth while also creating the challenge of streaming video efficiently to mobile devices. It was getting clear that H.264 became obsolete.

Understanding that video compression is the key for the entire industry to extend resolution level towards 4K - H.265 compressing was developed and performs a BIG step towards this target

H.265 Main Advantages



IP Camera Model Name Index



Category

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

Resolution

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

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

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

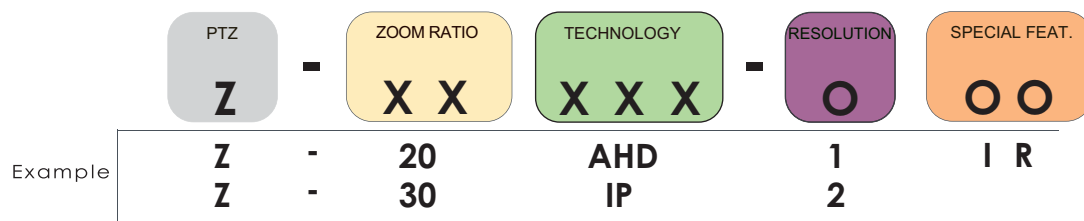
Sensor Size

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

Lens

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

IP PTZ Model Name Index



Category

Symbol	Description
Z	Ultra-Z PTZ

Zoom Ratio

Symbol	Description
20	x20 Optical Zoom
30	x30 Optical Zoom

Technology

Symbol	Description
IPE	IP

Resolution

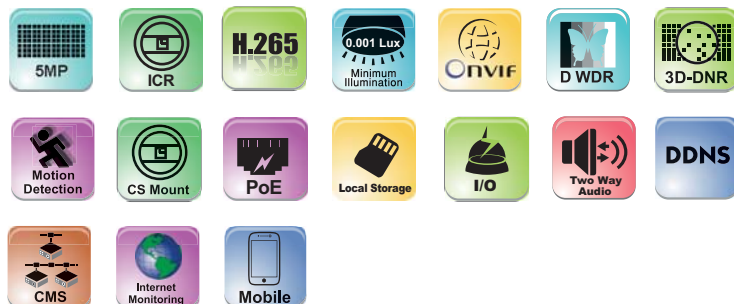
Symbol	Description
1	720P
2	1080P
3	3MP

Special Features

Symbol	Description
IR	IR Illumination

PROFESSIONAL BOX CAMERA

BX-251IP5



1/1.8" CMOS Sensor

5 Mega-Pixel

True Day & Night (IR Cut Removable)

0.001 Lux Min. Illumination

ONVIF

Digital WDR

3D Noise Reduction

Motion Detection and Privacy Masking

CS Lens Mount

PoE Support

Local Storage

RS-485

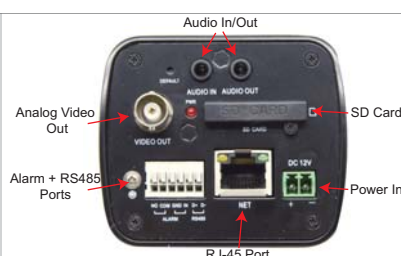
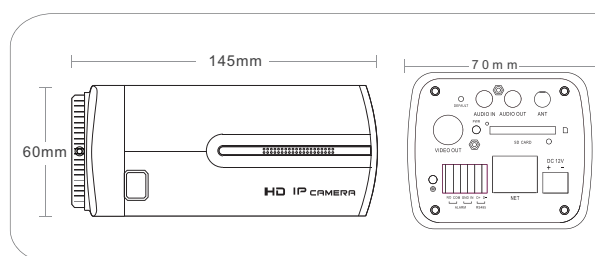
I/O – 1 Alarm in / 1 Alarm Out

2 Way Audio

Specifications

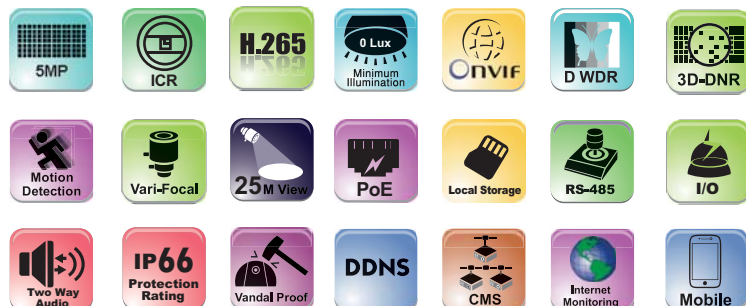
Camera	Video	Model	BX-251IP5
		Image Sensor	1/1.8" Sony CMOS
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0.001Lux
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Enhancement	Image Settings	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
Compression	Video Compression	Video Compression	H.265 / H.264
		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	Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	No
	Lens	N/A
	Iris	N/A
	Lens Mount	CS Mount
	Protection Rate	None
	Bracket	No
	Dimensions	70W x 145D x 60H mm
Connectivity	Weight(gross)	395g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Audio	1Ch Input, 1Ch Output
	SD Card	Support TF (64GB Max) - Snapshots Only
	RS485	Yes
Network	Alarm	1Ch Input, 1Ch Output
	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
	PoE	Yes
Others	Power Supply	DC12V~320mA / PoE~6W
	Work Environment	-10 C ~ 50 C, 10%~90% Humidity



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

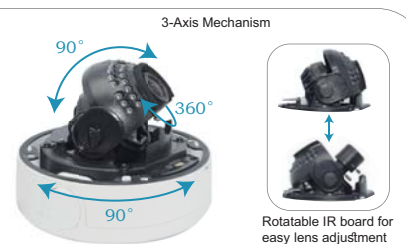
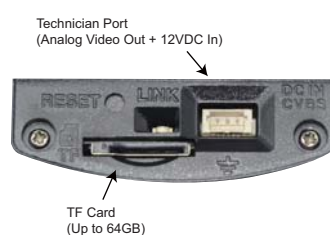
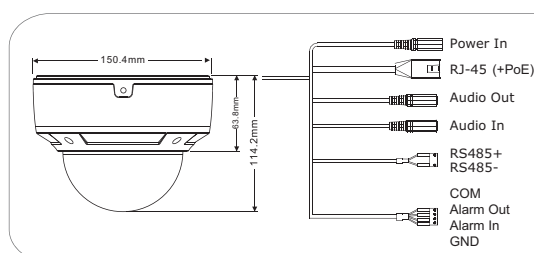
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.3-10.5mm Vari-Focal Lens
25m IR Illumination
PoE Support

Local Storage
I/O – 1 Alarm In / 1 Alarm Out
2 Way Audio
Technician Port
IP 66 Protection
IK10 Vandal-Proof

Specifications

Camera	Video	Model	DAI-251IP5VF
		Image Sensor	1/1.8" Sony CMOS
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0.001Lux (0Lux with IR On)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Enhancement	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
Compression	Video Compression	Video Compression	H.265 / H.264
		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
		Encode Mode	VBR/CBR
	Image Quality	Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (30 IR LED)
	Lens	3.3-10.5mm
	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)
	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 C ~50 C, 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

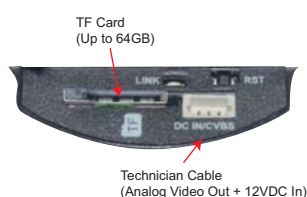
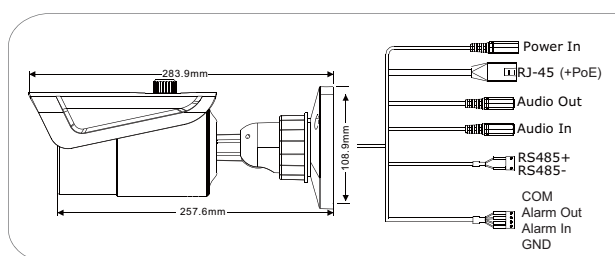
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.3-10.5mm Vari-Focal Lens
40m IR Illumination
PoE Support

Local Storage
RS-485
I/O – 1 Alarm in / 1 Alarm Out
2 Way Audio
Technician Port
IP66 Protection

Specifications

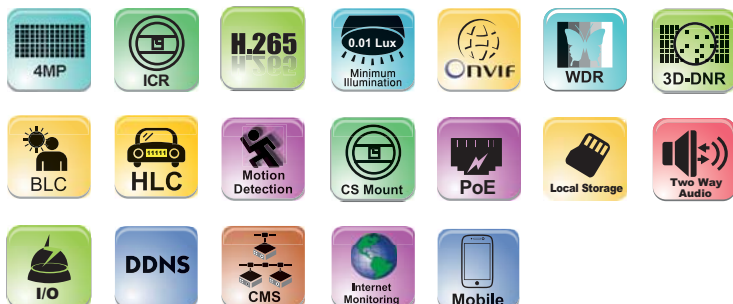
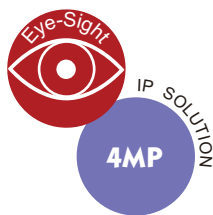
Camera	Video	Model	I4-251IP5VF
		Image Sensor	1/1.8" Sony CMOS
		Effective Pixels	2592x1944
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0.001Lux
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Enhancement	Image Settings	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
	Compression	Video Compression	H.265 / H.264
		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
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
Connectivity	Weight(gross)	1115g
	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
Network	Alarm	1Ch Input, 1Ch Output
	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
Others	Ethernet	100Mbps
	PoE	Yes
	Power Supply	DC12V/~600mA / PoE/~8.5W
Work Environment	Work Environment	-30 C ~50 C , 10%~90% Humidity



PROFESSIONAL BOX CAMERA

BX-342IP5



1/3" CMOS Sensor

4 Mega-Pixel

True Day & Night (IR Cut Removable)

H.265 (HEVC) Compression

0.01 Lux Min. Illumination

ONVIF

True WDR / BLC / HLC

3D Noise Reduction

Motion Detection and Privacy Masking

CS Lens Mount

PoE Support

Local Storage

RS-485

I/O – 1 Alarm in / 1 Alarm Out

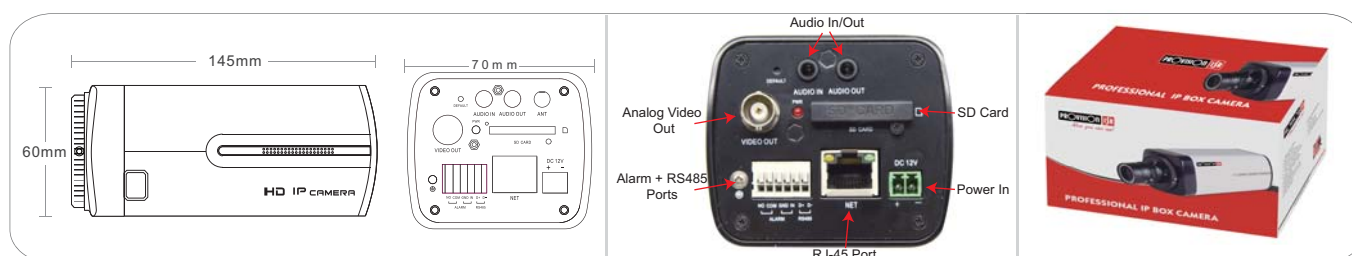
2 Way Audio

Specifications

Camera	Video	Model	BX-342IP5
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		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	0.01lux
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto)
		Image Enhancement	Sharpness, Saturation, Brightness & Contrast Adjustable
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.265 / H.264
		Resolution	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	No
	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)
	Audio	1Ch Input, 1Ch Output
	SD Card	Support Event Sub-stream recording over TF (64GB 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
	PoE	Yes
Others	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 VARI-FOCAL VANDAL-PROOF MINI DOME CAMERA

DMA-340IP536



1/3" CMOS Sensor
4 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
3.6mm Mega-Pixel Lens
10m IR Illumination
PoE Support

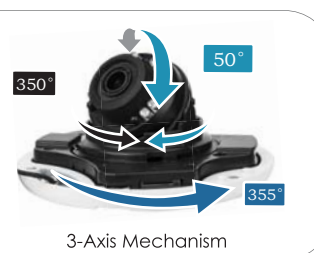
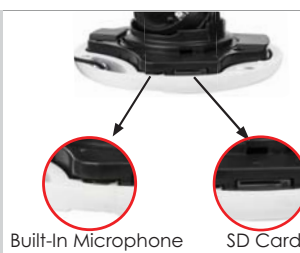
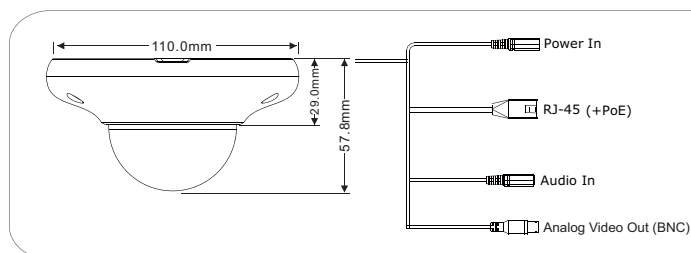
1 Way Audio
Built-In Microphone
CVBS
IP 66 Protection
IK 10 Vandal Proof

Specifications

Camera	Video	Model	DMA-340IP536
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (With True-WDR); HFR: 1-50/60 (Without True-WDR)
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (HFR* Disabled) / 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	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240	
	Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)	
	Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264	
	Encode Mode	VBR/CBR	
	Image Quality	Five levels under VBR; Free adjustment under CBR	

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

Housing	IR Distance	10m (12 IR LED)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ110mm×57.8mm
Connectivity	Weight(gross)	350g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Mic Connectivity	Built-In Microphone + Mic Input
	SD Card	No
	RS485	No
Network	Alarm	No
	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/~340mA / PoE/~4.7W
	Work Environment	-30 C ~ 50 C, 10%~90% Humidity



IR VARI-FOCAL VANDAL-PROOF DOME CAMERA

DAI-340IP536



1/3" CMOS Sensor
4 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
3.6mm Mega-Pixel Lens
15m IR Illumination
PoE Support

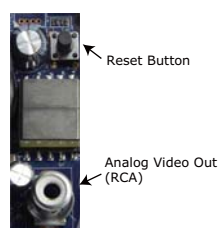
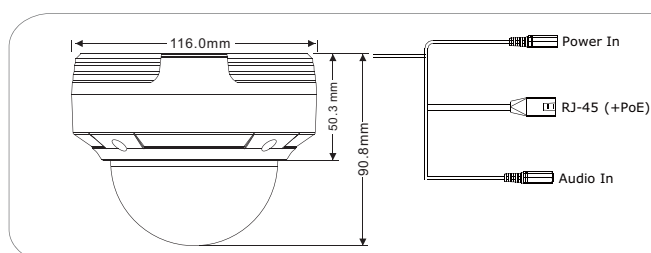
1 Way Audio
CVBS
IP 66 Protection
IK 10 Vandal Proof

Specifications

Camera	Video	Model	DAI-340IP536
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	Standard: 1-25/30 (With True-WDR), HFR: 1-50/60 (Without True-WDR)
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.265 / H.264
		Resolution	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

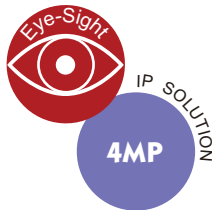
Housing	IR Distance	15m (24 IR LED)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ116mm×91mm
	Weight(gross)	605g
	Network	RJ45 (+PoE)
	Power	DC Socket
Connectivity	Analog Video Output	CVBS (RCAx1)
	Mic Connectivity	1Ch Input
	SD Card	No
	RS485	No
	Alarm	No
	Remote Monitoring	IE Browsing, CMS Software, Provision Cam2 Mobile App
Network	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
	Power Supply	DC12V/~440mA / PoE/~6.7W
Others	Work Environment	-30 C ~50 C , 10%~90% Humidity

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



IR VARI-FOCAL VANDAL-PROOF DOME CAMERA

DAI-340IP5VF



1/3" CMOS Sensor
4 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
3-11mm Vari-Focal Lens

25m IR Illumination
PoE Support
Local Storage
RS-485
I/O – 1 Alarm in / 1 Alarm Out

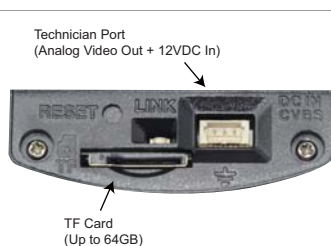
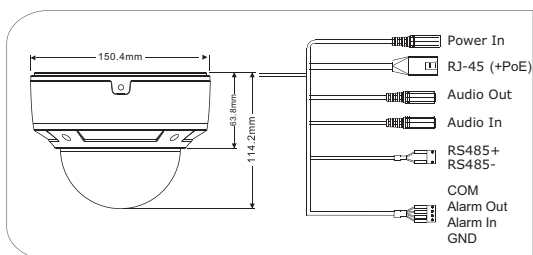
2 Way Audio
Technician Port
IP 66 Protection
IK 10 Vandal-Proof

Specifications

Camera	Video	Model	DAI-340IP5VF
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		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	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto)
		Image Enhancement	Sharpness, Saturation, Brightness & Contrast Adjustable
		Noise Reduction	True WDR (HFR* Disabled) / BLC / HLC / ROI
		Image Orientation	3D-DNR
		Privacy Zone	Mirror/Flip
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.265 / H.264
		Resolution	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

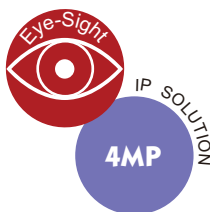
*HFR (High Frame Rate) must be supported by the NVR in order to work properly.

Housing	IR Distance	25m (30 IR LED)
	Lens	3-11mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ150mm×114mm
Connectivity	Weight(gross)	880g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Sub-stream recording over TF (64GB Max)
	RS485	Yes
Network	Alarm	1Ch Input, 1Ch Output
	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/~360mA / PoE/~6.2W
	Work Environment	-30 C ~50 C , 10%~90% Humidity



IR FIXED LENS DOME CAMERA

DI-340IP528
DI-340IP536



1/3" CMOS Sensor
4 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
2.8mm/3.6mm Mega-Pixel Lens

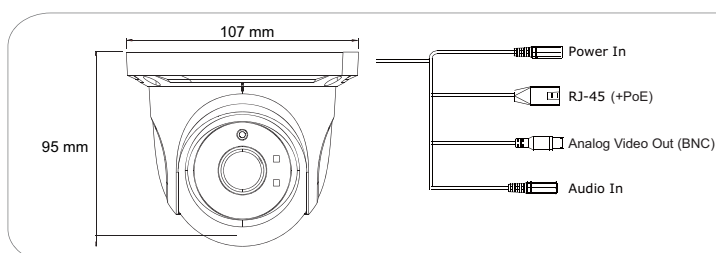
15m IR Illumination
PoE Support
1 Way Audio
CVBS
IP 66 Protection

Specifications

Camera	Video	Model	DI-340IP528	DI-340IP536
		Image Sensor	1/3" CMOS	
		Effective Pixels	2688x1520	
		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	0lux (IR ON)	
	Audio	Audio compression	G.711A/G.711U	
		Communication	One-way Audio	
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto)	
		Image Enhancement	Sharpness, Saturation, Brightness & Contrast Adjustable	
		Noise Reduction	True WDR (HFR* Disabled) / 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	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240	
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)	
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264	
		Encode Mode	VBR/CBR	
		Image Quality	Five levels under VBR; Free adjustment under CBR	

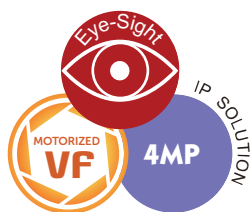
Housing	IR Distance	15m (2 High Power IR LED)	
	Lens	2.8mm (DI-340IP528)	3.6mm (DI-340IP536)
	Iris	Fixed Iris	
	Lens Mount	Φ14 mount	
	Water-proof	IP66	
	Bracket	3-Axis Wall Bracket	
	Dimensions	Ø107mm×95mm	
	Weight(gross)	400g	
Connectivity	Network	RJ45 (+PoE)	
	Power	DC Socket	
	Analog Video Output	CVBS (RCAx1)	
	Mic 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	
	PoE	Yes	
Others	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 BULLET CAMERA

DI-340IP5MVF



1/3" CMOS Sensor
4 Mega-Pixel
True Day & Night (IR Cut Removable)
H.265 (HEVC) Compression
0 Lux (IR On) Min. Illumination
ONVIF

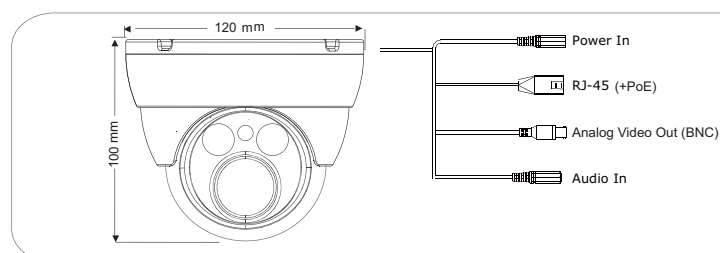
True WDR / BLC / HLC
3D Noise Reduction
Motion Detection and Privacy Masking
3.3-12mm Motorized Lens with Auto-Focus
25m IR Illumination
PoE Support

1 Way Audio
CVBS
IP 66 Protection

Specifications

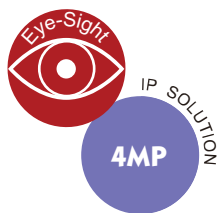
Camera	Video	Model	DI-340IP5MVF
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto)
		Image Enhancement	Sharpness, Saturation, Brightness & Contrast Adjustable
		Noise Reduction	True WDR / BLC / HLC / ROI
		Image Orientation	3D-DNR
		Privacy Zone	Mirror/Flip
		Motion Detection	Yes
Compression	Video Compression	Resolution	H.265 / H.264
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@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	3.3-12mm Motorized with Auto Focus
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø120mm×100mm
Connectivity	Weight(gross)	400g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNC)
	Mic Connectivity	1Ch Input
	SD Card	No
	RS485	No
Network	Alarm	No
	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/~280mA / PoE/~4W
	Work Environment	-30 C ~50 C, 10%~90% Humidity



10M IR FIXED LENS BULLET CAMERA

I1-340IP536



1/3" CMOS Sensor
4 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
3.6mm Mega-Pixel Lens

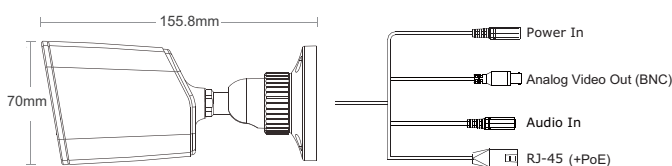
10m IR Illumination
PoE Support
1 Way Audio
CVBS
IP 66 Protection

Specifications

Camera	Video	Model	I1-340IP536
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		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	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.265 / H.264
		Resolution	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

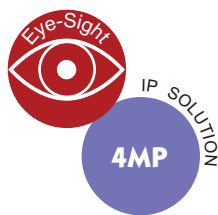
Housing	IR Distance	10m (30 IR LED)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
Connectivity	Weight(gross)	306g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS (BNCx1)
	Mic Connectivity	1Ch Input
	SD Card	No
	RS485	No
Network	Alarm	No
	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	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

I3-340IP536



1/3" CMOS Sensor
4 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
3.6mm Mega-Pixel Lens

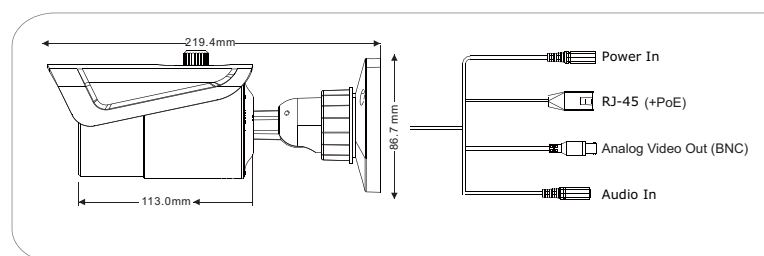
30m IR Illumination
PoE Support
1 Way Audio
CVBS
IP 66 Protection

Specifications

Camera	Video	Model	I3-340IP536
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		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	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True WDR (HFR* Disabled) / BLC / HLC / ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.265 / H.264
		Resolution	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

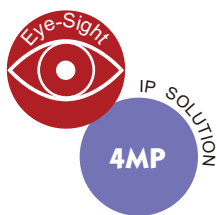
*HFR (High Frame Rate) must be supported by the NVR in order to work properly.

Housing	IR Distance	30m (42 IR LED)
	Lens	3.6mm
	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)
	Mic 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
	PoE	Yes
Others	Power Supply	DC12V/~500mA / PoE/~6.5W
	Work Environment	-30 C ~50 C, 10%~90% Humidity



40M IR VARI-FOCAL BULLET CAMERA

I4-340IP5VF



1/3" CMOS Sensor

4 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

3-11mm Vari-Focal Lens

40m IR Illumination

PoE Support

Local Storage

RS-485

I/O = 1 Alarm in / 1 Alarm Out

2 Way Audio

Technician Port

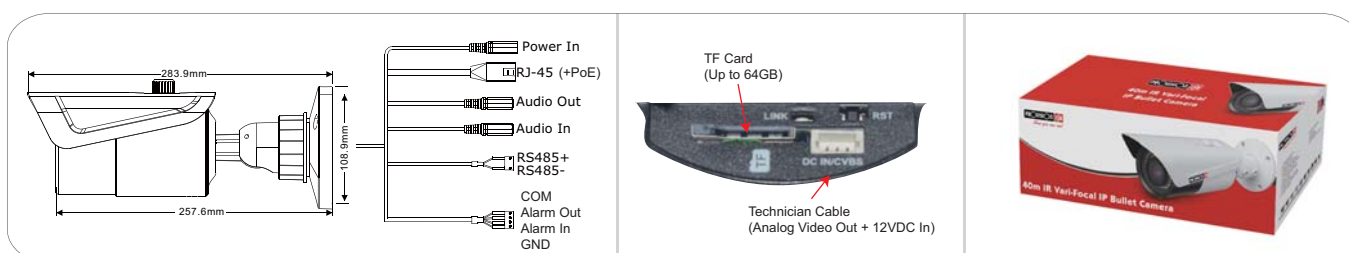
IP 66 Protection

Specifications

Camera	Video	Model	I4-340IP5VF
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		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	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto)
		Image Enhancement	Sharpness, Saturation, Brightness & Contrast Adjustable
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
	Compression	Motion Detection	Yes
		Video Compression	H.265 / H.264
	Compression	Resolution	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS / 1~50/60FPS with HFR*)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

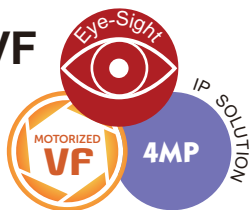
*HFR (High Frame Rate) must be supported by the NVR in order to work properly.

Housing	IR Distance	40m (48 IR LED)
	Lens	3-11mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
Connectivity	Weight(gross)	1115g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Sub-stream recording over TF (64GB Max)
	RS485	Yes
Network	Alarm	1Ch Input, 1Ch Output
	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/~600mA / PoE/~8.5W
	Work Environment	-30 C ~50 C, 10%~90% Humidity



40M IR MOTORIZED VF BULLET CAMERA

I4-340IP5MVF



1/3" CMOS Sensor
4 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
3.3-12mm Motorized Lens with Auto-Focus

40m IR Illumination
PoE Support
Local Storage
RS-485
I/O – 1 Alarm in / 1 Alarm Out

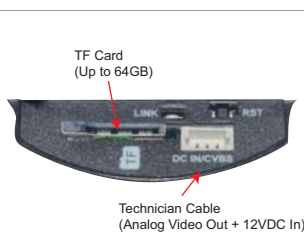
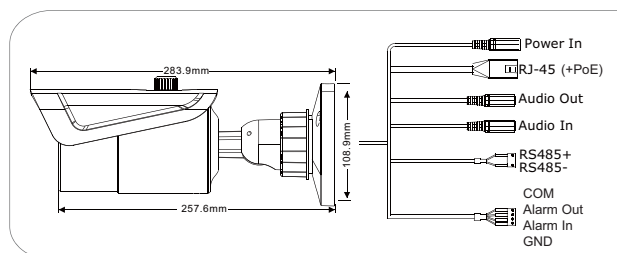
2 Way Audio
Technician Port
IP 66 Protection



Specifications

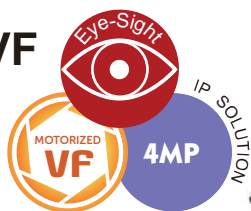
Camera	Video	Model	I4-340IP5MVF
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	One-way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True 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	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240
		Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)
		Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens	3.3-12mm Motorized with Auto-Focus
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
Connectivity	Weight(gross)	1115g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Sub-stream recording over TF (64GB Max)
	RS485	Yes
Network	Alarm	1Ch Input, 1Ch Output
	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/~600mA / PoE/~8.5W
	Work Environment	-30 C~50 C, 10%~90% Humidity



50M IR MOTORIZED VF BULLET CAMERA

I5-340IP5MVF



1/3" CMOS Sensor
4 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
3.3-12mm Motorized Lens with Auto-Focus

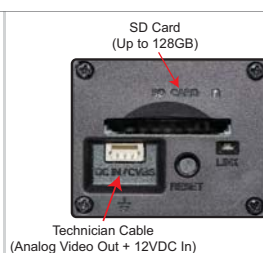
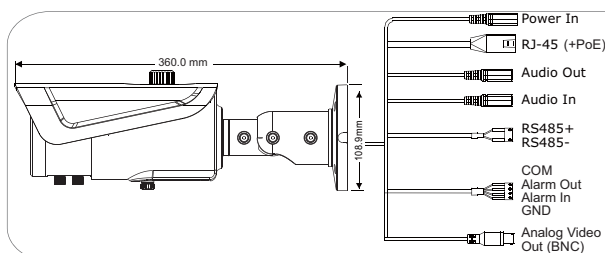
50m IR Illumination
PoE Support
Local Storage
RS-485
I/O – 1 Alarm in / 1 Alarm Out

2 Way Audio
CVBS
Technician Port
IP 66 Protection

Specifications

Camera	Video	Model	I5-340IP5MVF
		Image Sensor	1/3" CMOS
		Effective Pixels	2688x1520
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30 (With True-WDR)
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G.711A/G.711U
		Communication	Two-Way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True 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	4MP(2560x1440), 3MP(2048x1536), 1080P, 720P, D1, CIF, 480x240	
	Multi-stream	4MP / 3MP / 1920x1080 / 1280x720 / D1 / CIF / 480x240 (1~25/30FPS)	
	Bit rate	64Kbps ~ 7Mbps@H.265 / 128Kbps ~ 9Mbps@H.264	
	Encode Mode	VBR/CBR	
	Image Quality	Five levels under VBR; Free adjustment under CBR	

Housing	IR Distance	50m (4 IR LED Array)
	Lens	3.3-12mm Motorized with Auto-Focus
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
Connectivity	Weight(gross)	1700g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	CVBS(BNCx1)
	Mic Connectivity	1Ch Input, 1Ch Output
	SD Card	Support Event Recording over SD (128GB Max)
	RS485	Yes
Network	Alarm	1Ch Input, 1Ch Output
	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/~600mA / PoE/~14W
Work Environment	Work Environment	-30 C ~50 C, 10%~90% Humidity



IR FIXED LENS VANDAL-PROOF DOME CAMERA

DAI-390IPA36



1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.264+ Compression
0 Lux (IR On) Min. Illumination

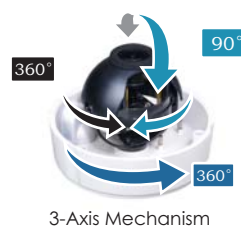
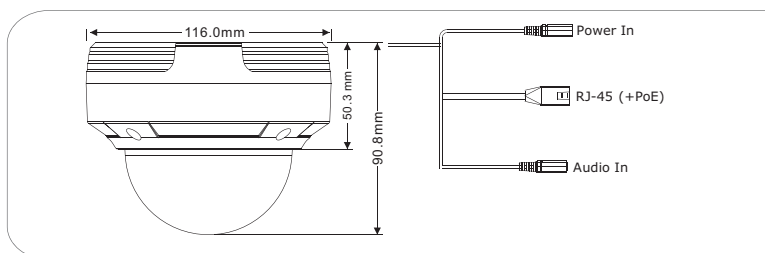
ONVIF
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens

15m IR Illumination
PoE Support
1 Way Audio
IP 66 Protection
IK 10 Vandal-Proof

Specifications

Camera	Video	Model	DAI-390IPA36
		Image Sensor	1/3" CMOS
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G711A/U
		Communication	Two Way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto / Manual) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip/Vertical Mode
		Privacy Zone	Yes
		Motion Detection	Yes
	Compression	Video Compression	H.264+
		Resolution	1080P (1920×1080), 720P (1280×720), VGA, QVGA
		Multi-stream	1920x1080 (1~30fps) / 1280x720 (1~30fps) / 1280x720 (1~30fps) / 640×480 (1~30fps) / 320x240 (1~30fps)
		Bit rate	128Kbps ~ 6Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	15m (24 IR LED)
	Lens	3.6mm
	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	No
	Mic 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
	ONVIF	Yes
	Ethernet	100Mbps
Others	PoE	Yes
	Power Supply	DC12V/~440mA / PoE/~6.7W
Work Environment	Power Supply	DC12V/~440mA / PoE/~6.7W
	Work Environment	-30 C ~50 C, 10%~90% Humidity



IR VARI-FOCAL VANDAL-PROOF DOME CAMERA

DAI-390IPAVF



1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.264+ Compression
0 Lux (IR On) Min. Illumination

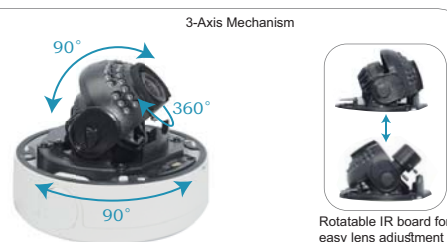
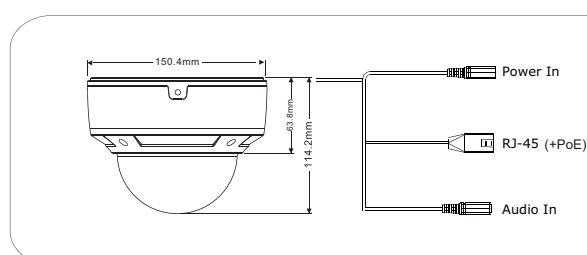
ONVIF
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens

25m IR Illumination
PoE Support
1 Way Audio
IP 66 Protection
IK 10 Vandal-Proof

Specifications

Camera	Video	Model	DAI-390IPAVF
		Image Sensor	1/3" CMOS
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0lux (IR 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	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip/Vertical Mode
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.264+
		Resolution	1080P (1920×1080), 720P (1280×720), VGA, QVGA
		Multi-stream	1920×1080 (1~30fps) / 1280×720 (1~30fps) / 1280×720 (1~30fps) / 640×480 (1~30fps) / 320×240 (1~30fps)
		Bit rate	128Kbps ~ 6Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	25m (30 IR LED)
	Lens	2.8-12mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66 / Vandal Proof: IK10
	Bracket	3-Axis Gimbal
	Dimensions	Φ150mm×114mm
Connectivity	Weight(gross)	880g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	1Ch Input
	SD Card	No
	RS485	No
Network	Alarm	No
	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
	PoE	Yes
Others	Power Supply	DC12V/~360mA / PoE/~6.2W
	Work Environment	-30 C ~50 C , 10%~90% Humidity



IR VARI-FOCAL DOME CAMERA

DI-390IPAVF



1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.264+ Compression
0 Lux (IR On) Min. Illumination

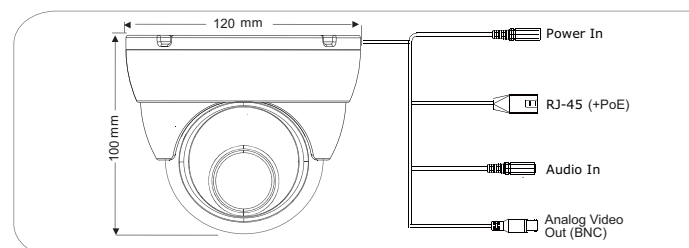
ONVIF
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens

25m IR Illumination
PoE Support
1 Way Audio
CVBS
IP 66 Protection

Specifications

Camera	Video	Model	DI-390IPAVF
		Image Sensor	1/3" CMOS
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0lux (IR 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	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip/Vertical Mode
		Privacy Zone	Yes
Motion Detection		Yes	
Compression	Video Compression	H.264+	
	Resolution	1080P (1920x1080), 720P (1280x720), VGA, QVGA	
	Multi-stream	1920x1080 (1~30fps) / 1280x720 (1~30fps) / 1280x720 (1~30fps) / 640x480 (1~30fps) / 320x240 (1~30fps)	
	Bit rate	128Kbps ~ 6Mbps	
	Encode Mode	VBR/CBR	
	Image Quality	Five levels under VBR; Free adjustment under CBR	

Housing	IR Distance	25m (30 IR LED)
	Lens	2.8-12mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Ball
	Dimensions	Φ119mm×82mm
Connectivity	Weight(gross)	669g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	1Ch Input
	SD Card	No
	RS485	No
Network	Alarm	No
	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
	PoE	Yes
Others	Power Supply	DC12V/~450mA / PoE/~7W
	Work Environment	-10℃~50℃, 10%~90% Humidity



Junction Box is available



30M IR FIXED LENS BULLET CAMERA

I3-390IPA36



1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.264+ Compression
0 Lux (IR On) Min. Illumination

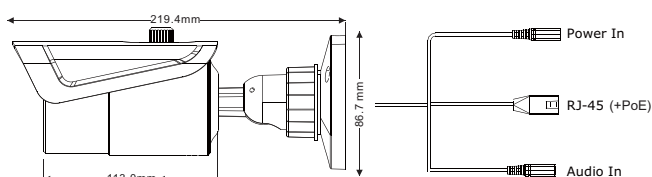
ONVIF
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens

30m IR Illumination
PoE Support
1 Way Audio
IP 66 Protection

Specifications

Camera	Video	Model	I3-390IPA36
		Image Sensor	1/3" CMOS
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0lux (IR 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	Digital WDR, ROI
		Noise Reduction	3D-DNR
		Image Orientation	Mirror/Flip/Vertical Mode
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Video Compression	H.264+
		Resolution	1080P (1920×1080), 720P (1280×720), VGA, QVGA
		Multi-stream	1920×1080 (1~30fps) / 1280×720 (1~30fps) / 1280×720 (1~30fps) / 640×480 (1~30fps) / 320×240 (1~30fps)
		Bit rate	128Kbps ~ 6Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	30m (42 IR LED)
	Lens	3.6mm
	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	1Ch Input
	SD Card	No
	RS485	No
Network	Alarm	No
	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/~500mA / PoE/~6.5W
Work Environment	Work Environment	-30 C~50 C, 10%~90% Humidity



40M IR VARI-FOCAL BULLET CAMERA

I4-390IPAVF



1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.264+ Compression
0 Lux (IR On) Min. Illumination

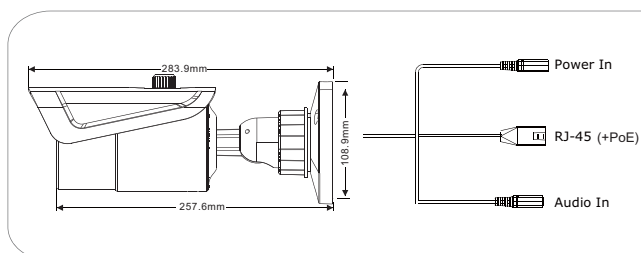
ONVIF
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens

40m IR Illumination
PoE Support
1 Way Audio
IP 66 Protection

Specifications

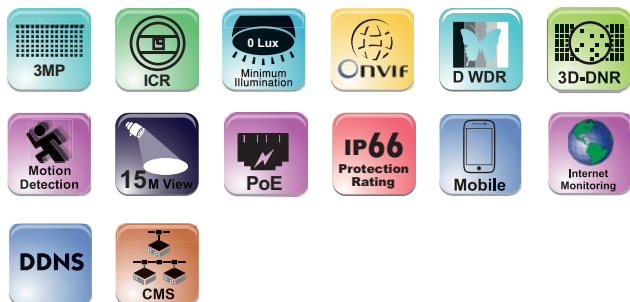
Camera	Video	Model	I4-390IPAVF
		Image Sensor	1/3" CMOS
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	G711A/U
		Communication	One Way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto / Manual) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	Digital WDR
		Noise Reduction	3D-DNR / ROI
		Image Orientation	Mirror/Flip/Vertical Mode
		Privacy Zone	Yes
		Motion Detection	Yes
	Compression	Video Compression	H.264+
		Resolution	1080P (1920×1080), 720P (1280×720), VGA, QVGA
		Multi-stream	1920×1080 (1~30fps) / 1280×720 (1~30fps) / 1280×720 (1~30fps) / 640×480 (1~30fps) / 320×240 (1~30fps)
		Bit rate	128Kbps ~ 6Mbps
		Encode Mode	VBR/CBR
		Image Quality	Five levels under VBR; Free adjustment under CBR

Housing	IR Distance	40m (48 IR LED)
	Lens	2.8-12mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis
	Dimensions	Φ109mm×284mm
Connectivity	Weight(gross)	1115g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	1Ch Input
	SD Card	No
	RS485	No
Network	Alarm	No
	Remote Monitoring	IE Browsing, CMS 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, RTSP, PPPoE, DDNS, SMTP, FTP
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	Yes
Others	Power Supply	DC12V/~600mA / PoE/~8.5W
	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

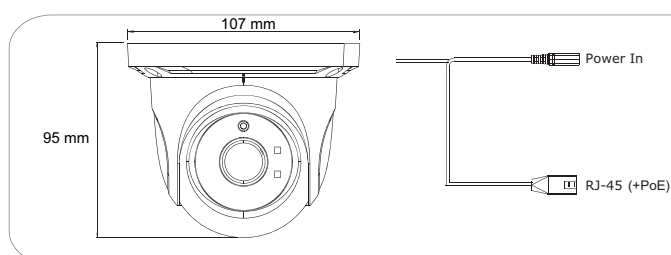
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens
15m IR Illumination

PoE Support
IP 66 Protection

Specifications

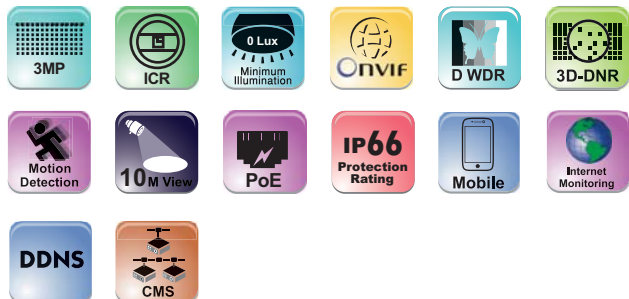
Camera	Video	Model	DI -330IPS36
		Image Sensor	1/3" CMOS
		Effective Pixels	2048x1536
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB, AGC Adjustable 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
Compression	Video Compression	Video Compression	H.264
		Resolution	3MP (2048x1536), 1080P (1920x1080), 720P (1280x720), 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	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
Connectivity	Weight(gross)	400g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
Network	Alarm	No
	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
Others	Ethernet	100Mbps
	PoE	Yes
	Power Supply	DC12V/~280mA / PoE/~4W
Work Environment	Work Environment	-30 C~50 C, 10%~90% Humidity



10M 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

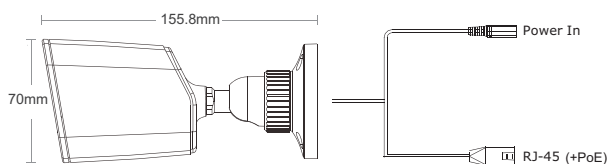
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens
10m IR Illumination

PoE Support
IP 66 Protection

Specifications

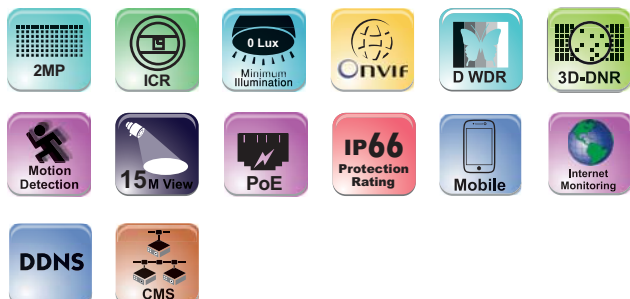
Camera	Video	Model	I1-330IPS36
		Image Sensor	1/3" CMOS
		Effective Pixels	2048x1536
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure 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
Compression	Video Compression	Video Compression	H.264
		Resolution	3MP (2048x1536), 1080P (1920x1080), 720P (1280x720), 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	10m (24 IR LED)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
Connectivity	Weight(gross)	306g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
Network	Alarm	No
	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
Others	Ethernet	100Mbps
	PoE	Yes
Power Supply	Power Supply	DC12V/-380mA / PoE/-6W
	Work Environment	-30 C~50 C, 10%~90% Humidity



IR FIXED LENS DOME CAMERA

DI-390IPS28



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

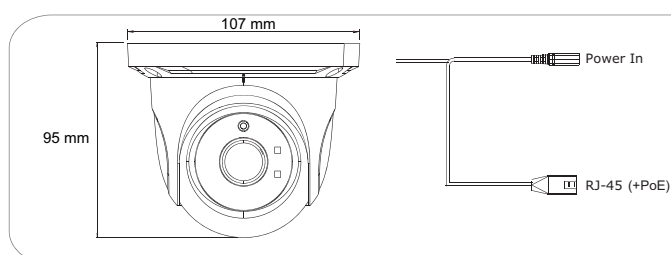
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8mm Mega-Pixel Lens
15m IR Illumination

PoE Support
IP 66 Protection

Specifications

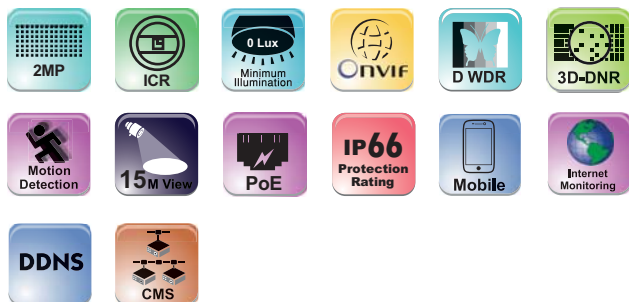
Camera	Video	Model	DI-390IPS28
		Image Sensor	1/3" CMOS
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB, AGC Adjustable 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
Compression	Video Compression	Video Compression	H.264
		Resolution	1080P (1920x1080), 720P (1280x720), D1 (704x567), 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	2.8mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
	Weight(gross)	400g
	Network	RJ45 (+PoE)
	Power	DC Socket
Connectivity	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
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	Yes
Others	Power Supply	DC12V/~280mA / PoE/~5.5W
	Work Environment	-30 C~50 C, 10%~90% Humidity



IR FIXED LENS DOME CAMERA

DI-390IPS36



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

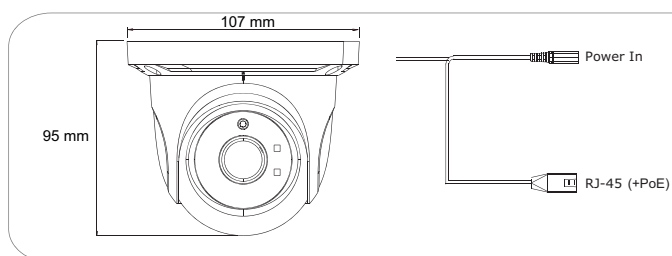
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens
15m IR Illumination

PoE Support
IP 66 Protection

Specifications

Camera	Video	Model	DI-390IPS36
		Image Sensor	1/3" CMOS
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto)
		Image Enhancement	Sharpness, Saturation, Brightness & Contrast Adjustable
		Noise Reduction	Digital WDR, ROI
		Image Orientation	Mirror/Flip
		Privacy Zone	Yes
		Motion Detection	Yes
Compression	Video Compression	Resolution	1080P (1920x1080), 720P (1280x720), D1 (704x567), 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	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø107mm×95mm
Connectivity	Weight(gross)	400g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
Network	Alarm	No
	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
	PoE	Yes
Others	Power Supply	DC12V/~280mA / PoE/~4W
	Work Environment	-30 C ~50 C, 10%~90% Humidity



IR VARI-FOCAL DOME CAMERA

DI-390IPSVF



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

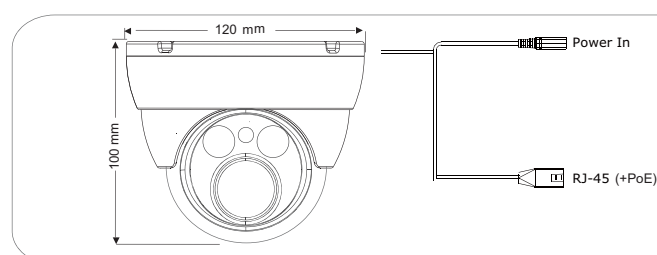
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens
25m IR Illumination

PoE Support
IP 66 Protection

Specifications

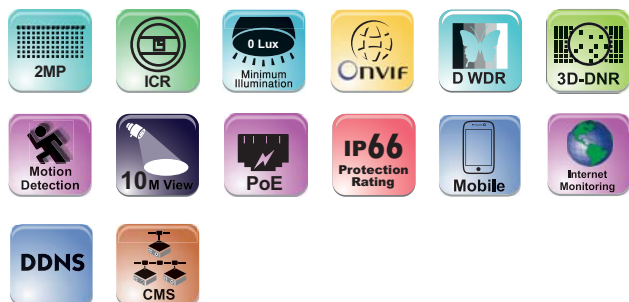
Camera	Video	Model	DI-390IPSVF
		Image Sensor	1/3" CMOS
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure 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
Compression	Video Compression	Video Compression	H.264
		Resolution	1080P (1920x1080), 720P (1280x720), D1 (704x567), 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	2.8-12mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	Ø120mm×100mm
Connectivity	Weight(gross)	400g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
Network	Alarm	No
	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/~280mA / PoE/~4W
	Work Environment	-30 C~50 C, 10%~90% Humidity



10M IR FIXED LENS BULLET CAMERA

I1-390IPS36



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

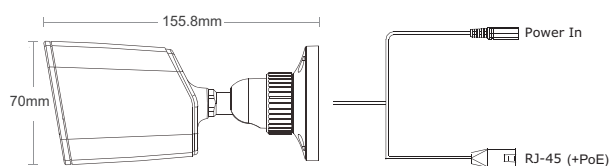
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
3.6mm Mega-Pixel Lens
10m IR Illumination

PoE Support
IP 66 Protection

Specifications

Camera	Video	Model	I1-390IPS36
		Image Sensor	1/3" CMOS
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	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
Compression	Video Compression	Video Compression	H.264
		Resolution	1080P (1920x1080), 720P (1280x720), D1 (704x567), 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	10m (24 IR LED)
	Lens	3.6mm
	Iris	Fixed Iris
	Lens Mount	Φ14 mount
	Protection Rate	Water Proof: IP66
	Bracket	3-Axis Wall Bracket
	Dimensions	70mm×70mm×155.8mm
Connectivity	Weight(gross)	306g
	Network	RJ45 (+PoE)
	Power	DC Socket
	Analog Video Output	No
	Mic Connectivity	No
	SD Card	No
	RS485	No
Network	Alarm	No
	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
Others	Ethernet	100Mbps
	PoE	Yes
Power Supply	Power Supply	DC12V/~380mA / PoE~6W
	Work Environment	-30℃~50℃, 10%~90% Humidity



30M IR VARI-FOCAL BULLET CAMERA

I3-390IPSVF



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

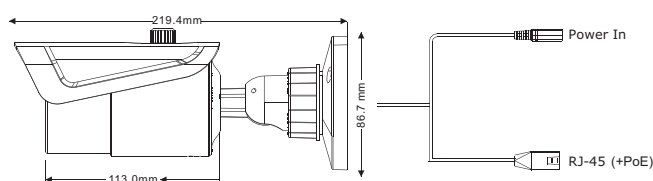
Digital WDR
3D Noise Reduction
Motion Detection and Privacy Masking
2.8-12mm Vari-Focal Lens
30m IR Illumination

PoE Support
IP 66 Protection

Specifications

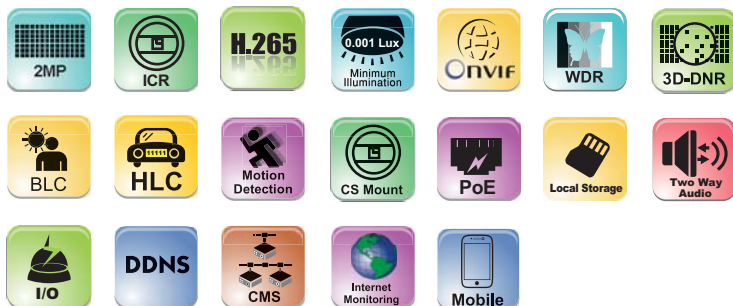
Camera	Video	Model	I3-390IPSVF
		Image Sensor	1/3" CMOS
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30FPS
		Day & Night	ICR
		Min. Illumination	0lux (IR ON)
	Audio	Audio compression	No
		Communication	No
	Image Enhancement	Image Settings	AWB, AGC Adjustable 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
	Compression	Video Compression	H.264
		Resolution	1080P (1920x1080), 720P (1280x720), D1 (704x567), 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	2.8-12mm
	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
Network	Alarm	No
	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
Others	Ethernet	100Mbps
	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)

0.001 Lux Min. Illumination

ONVIF

Digital WDR

3D Noise Reduction

Motion Detection and Privacy Masking

CS Lens Mount

PoE Support

Local Storage

RS-485

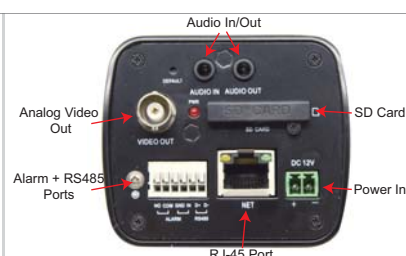
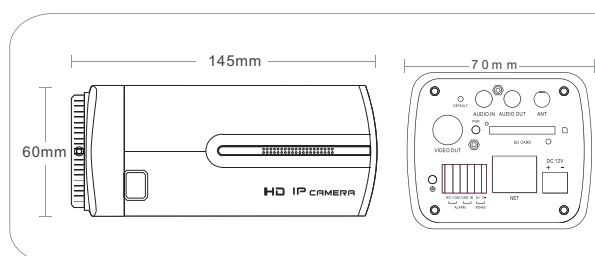
I/O – 1 Alarm in / 1 Alarm Out

2 Way Audio

Specifications

Camera	Video	Model	BX-291IP5
		Image Sensor	1/1.9" CMOS
		Effective Pixels	1920x1080
		Electronic Shutter	1/25s ~ 1/1000000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0.001Lux
	Audio	Audio compression	G.711A/G.711U
		Communication	Two Way Audio
	Image Enhancement	Image Settings	AWB, AGC Adjustable Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
		Image Enhancement	True 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	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)
	Audio	1Ch Input, 1Ch Output
	SD Card	Support Event recording over TF (128GB Max)
	RS485	Yes
Network	Alarm	1Ch Input, 1Ch Output
	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~320mA / PoE~6W
Work Environment	Work Environment	-10 C ~50 C , 10%~90% Humidity



PINHOLE LENS MINI CAMERA

MC-392IP543



1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
H.265 (HEVC) Compression
0.1 Lux Min. Illumination

ONVIF
True WDR / BLC / HLC
3D Noise Reduction
Motion Detection and Privacy Masking
4.3mm MP Pinhole Lens

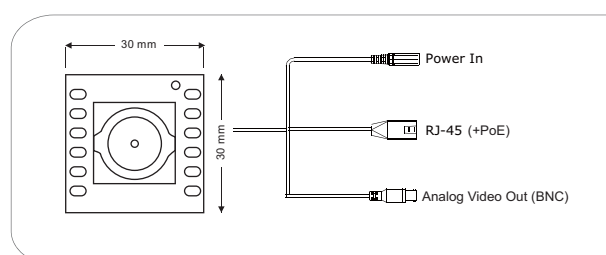
DC12 Power Supply
Local Storage
1 Way Audio (Built-In Microphone)
CVBS



Specifications

Camera	Video	Model	MC-392IP543
		Image Sensor	1/3" CMOS
		Effective Pixels	1920×1080
		Electronic Shutter	1/25s ~ 1/100000s
		Frame Rate	1-25/30
		Day & Night	ICR
		Min. Illumination	0.1lux
	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	True 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	4.3mm Pinhole
	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)
	Mic 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
	ONVIF	Yes
	Ethernet	100Mbps
	PoE	Yes
Others	Power Supply	DC12V/~150mA
	Work Environment	-10 C ~50 C, 10%~90% Humidity



IP Cameras Compare Table



Dark Sight

5MP

Model Name		BX-251IP5	DAI -251IPVF	I4-251IP5VF	BX-342IP5	DMA-340IP536	DAI-340IP536
Image Sensor		1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Effective Pixels		2592×1944	2592×1944	2592×1944	2688×1520	2688×1520	2688×1520
Day & Night		ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination		0.005lux	0.005lux (0lux IR On)	0.005lux (0lux IR On)	0.1lux	0.1lux (0lux IR On)	0.1lux (0lux IR On)
Communication		Two Way Audio	Two Way Audio	Two Way Audio	Two Way Audio	One Way Audio	One Way Audio
Image Adjustment		●	●	●	●	●	●
WDR		Digital WDR	Digital WDR	Digital WDR	True-WDR	True-WDR	True-WDR
BLC		—	—	—	●	●	●
HLC		—	—	—	●	●	●
HFR		—	—	—	(1080P & D-WDR)	(1080P & D-WDR)	(1080P & D-WDR)
Noise Reduction		3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy Zone		●	●	●	●	●	●
Motion Detection		●	●	●	●	●	●
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)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)
Bit rate	H.265	64Kbps ~ 7Mbps	64Kbps ~ 7Mbps	64Kbps ~ 7Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps
	H.264	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 10Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps
Multi-stream		●	●	●	●	●	●
IR Distance		N/A	25m	40m	N/A	10m	15m
Lens		N/A	3.3-10.5mm	3.3-10.5mm	N/A	3.6mm	3.6mm
Iris		DC Iris Plug	Fixed Iris	Fixed Iris	DC Iris Plug	Fixed Iris	Fixed Iris
Lens Mount		CS Lens Mount	Φ14 mount	Φ14 mount	CS Lens Mount	Φ12 mount	Φ12 mount
Protection Rate		IP66	IP66 / IK10	IP66	N/A	IP66 / IK10	IP66 / IK10
Network		RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
Power		DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket
Analog Video Output		●	●	●	●	●	●
Audio Input		●	●	●	●	●	●
Audio Output		●	●	●	●	—	—
SD Card		● (Snapshots Only)	● (Snapshots Only)	● (Snapshots Only)	● (Sub-Stream Video)	● (Sub-Stream Video)	—
RS485		●	●	●	●	—	—
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



Eye Sight

4MP

	DAI-340IP5VF	DI-340IP528/36	DI-340IP5MVF	I1-340IP536	I3-340IP536	I4-340IP5VF	I4-340IP5MVF	I5-340IP5MVF
	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
	2688×1520	2688×1520	2688×1520	2688×1520	2688×1520	2688×1520	2688×1520	2688×1520
	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
	0.1lux (0lux IR On)	0.1lux (0lux IR On)	0.1lux (0lux IR On)	0.1lux (0lux IR On)	0.1lux (0lux IR On)	0.1lux (0lux IR On)	0.1lux (0lux IR On)	0.1lux (0lux IR On)
	Two Way Audio	One Way Audio	One Way Audio	One Way Audio	One Way Audio	Two Way Audio	Two Way Audio	Two Way Audio
	•	•	•	•	•	•	•	•
	True-WDR	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)	—	—
	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•
	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	H.265/H.264
	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)	4MP@25/30FPS (2688×1520)
	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps	64Kbps ~ 6Mbps
	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps	128Kbps ~ 8Mbps
	•	•	•	•	•	•	•	•
	25m	15m	25m	15m	30m	40m	40m	50m
	3-11mm	2.8mm/3.6mm	3.3-12mm Motorized	3.6mm	3.6mm	3-11mm	3.3-12mm Motorized	3.3-12mm Motorized
	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
	Φ14 mount	Φ12 mount	Φ12 mount	Φ12 mount	Φ12 mount	Φ14 mount	Φ14 mount	Φ14 mount
	IP66 / IK10	IP66	IP66	IP66	IP66	IP66	IP66	IP66
	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket
	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•
	•	—	—	—	—	•	•	•
	(Sub-Stream Video)	—	—	—	—	(Sub-Stream Video)	(Sub-Stream Video)	(Sub-Stream Video)
	•	—	—	—	—	•	•	•
	Two Way Alarm	—	—	—	—	Two Way Alarm	Two Way Alarm	Two Way Alarm
	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

IP Cameras Compare Table



X-Sight

2MP

Model Name	DAI-390IPA36	DAI-390IPAVF	DI-390IPAVF	I3-390IPA36	I4-390IPAVF
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Effective Pixels	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Day & Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination	0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)
Communication	One Way Audio	One Way Audio	One Way Audio	One Way Audio	One Way Audio
Image Adjustment	●	●	●	●	●
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
HLC	—	—	—	—	—
BLC	—	—	—	—	—
HFR	—	—	—	—	—
Noise Reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy Zone	●	●	●	●	●
Motion Detection	●	●	●	●	●
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	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps
Multi-stream	●	●	●	●	●
IR Distance	15m	25m	25m	30m	40m
Lens	3.6mm	2.8-12mm	2.8-12mm	3.6mm	2.8-12mm
Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Lens Mount	Φ12 mount	Φ14 mount	Φ14 mount	Φ12 mount	Φ14 mount
Protection Rate	IP66 / IK10	IP66 / IK10	IP66	IP66	IP66
Network	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
Power	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket
Analog Video Output	—	—	—	—	—
Audio Input	●	●	●	●	●
Audio Output	—	—	—	—	—
SD Card	—	—	—	—	—
RS485	—	—	—	—	—
Alarm	—	—	—	—	—
Power Supply	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE



	S-Sight						Special Cameras	
	3MP		2MP				2MP	
	DI-330IPS36	I1-330IPS36	DI-390IPS28	DI-390IPSVF	I1-390IPS36	I3-390IPSVF	BX-291IP5	MC-392IP537
	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/1.9" CMOS	1/3" CMOS
	1536×2048	1536×2048	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
	0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)	0.001lux	0.1lux
	—	—	—	—	—	—	Two Way Audio	One Way Audio
	•	•	•	•	•	•	•	•
	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	True-WDR	True-WDR
	—	—	—	—	—	—	•	•
	—	—	—	—	—	—	•	•
	—	—	—	—	—	—	(1080P & D-WDR)	(1080P & D-WDR)
	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•
	H.264	H.264	H.264	H.264	H.264	H.264	H.265/H.264	H.265/H.264
	2MP@25/30FPS (1536×2048)	2MP@25/30FPS (1536×2048)	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)	2MP@25/30FPS (1920×1080)
	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 10Mbps	64Kbps ~ 8Mbps	64Kbps ~ 8Mbps
	•	•	•	•	•	•	•	•
	15m	10m	15m	25m	10m	30m	N/A	N/A
	3.6mm	3.6mm	3.6mm	2.8-12mm	3.6mm	2.8-12mm	N/A	N/A
	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	DC Iris Plug	DC Iris Plug
	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	Φ14 mount	CS Lens Mount	CS Lens Mount
	IP66	IP66	IP66	IP66	IP66	IP66	N/A	N/A
	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45
	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket	DC Socket
	—	—	—	—	—	—	•	•
	•	•	•	•	•	•	•	(Built-in Microphone)
	—	—	—	—	—	—	•	—
	—	—	—	—	—	—	(Sub-Stream Video)	(Sub-Stream Video)
	—	—	—	—	—	—	•	—
	—	—	—	—	—	—	Two Way Alarm	—
	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE	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.

ULTRA-Z IP

Z-20IPE-2(IR)



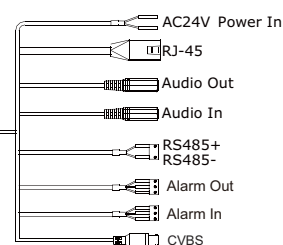
X20



Main Features:

- ONVIF
- Dual Video Stream
- H.264 Video Compression
- G.711U Audio Compression
- 2 Way Audio
- Alarm (I/O): 1 Input /1 Output
- RS-485 Connectivity
- 100m IR Distance (Depends on model)
- 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
- Enhanced Noise Reduction
- WB/BLC/AGC

Cable Connectors Sketch



Specifications

Camera	Video	Model	Z-20IPE-2 (IR)
		Image Sensor	1/2.8" CMOS
		Effective Pixels	1920×1080
		Sync System	Progressive Scan
		Electronic Shutter	1/25s ~ 1/10000s
		Day & Night	ICR (Auto/Day/Night)
	Lens	Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)
		S/N Ratio	>52dB
		Optical Zoom	x20 (F1.6~4.7mm - F3.5~97mm)
		Digital Zoom	x12
		Focus	Auto / Manual
		Minimum Focus Distance	1m
	Audio	Horizontal Angle of View	54.1° (Wide) ~ 2.8° (Tele)
		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
Compression		Privacy Zone	Yes
		Motion Detection	Yes
		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	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
Housing	Schedule	Yes
	IR Distance	150m
	Water-proof	IP66
	Wiper	Optional
	Fan & Heater	Optional
	Bracket	Wall Bracket
Connectivity	Dimensions	354L×341H×228W
	Weight(gross)	5.8Kg
	Network	RJ45
	Power	DC Socket
	Analog Video Output	Yes
	Audio Connectivity	1Ch In / 1Ch Out
Others	SD Card	No
	RS485	Yes
	Alarm	1Ch In / 1Ch Out
	Power Supply	AC24V/2A
	Work Environment	-10 C ~50 C , 10%~90% Humidity

ULTRA-Z IP

Z-30IPE-2(IR)



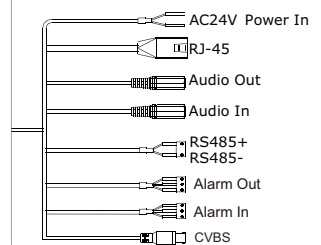
X30



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 (Depends on model)
- 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
- Enhanced Noise Reduction
- WB/BLC/AGC

Cable Connectors Sketch

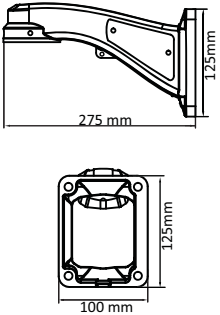
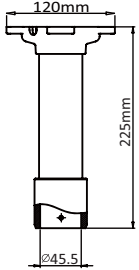
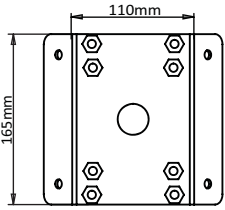
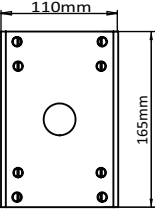
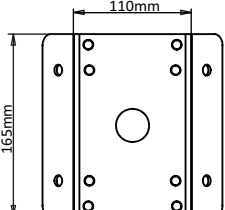
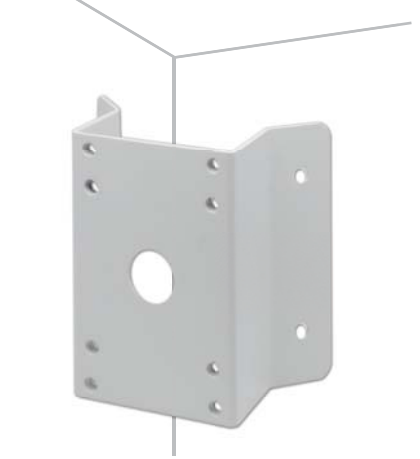


Specifications

Camera	Video	Model	Z-30IPE-2 (IR)
		Image Sensor	1/2.8" CMOS
		Effective Pixels	1920×1080
		Sync System	Progressive Scan
		Electronic Shutter	1/25s ~ 1/30000s
	Lens	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
		Optical Zoom	x30 (F1.6~4.3mm - F5~129mm)
	Audio	Digital Zoom	x12
		Focus	Auto / Manual
		Minimum Focus Distance	1m
	Image Enhancement	Horizontal Angle of View	58.3° (Wide) ~ 2.1° (Tele)
		Audio compression	G.711-U
	Compression	Communication	Two Way Audio
		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
		Video Compression	H.264 Main Profile MJPEG/JPEG Baseline

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 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
	Pan/Tilt	
	Pan/Tilt	
Housing	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
Connectivity	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
Others	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	
	Pan/Tilt	

IP PTZ Optional Brackets

	Standard Wall Bracket  Provided with the Camera	Ceiling Bracket  Model: PR-B30C	
	Internal Corner Bracket  Model: PR-B30IC	Pole Mount Bracket  Model: PR-B30P	
	External Corner Bracket  Model: PR-B30EC		

In standard installations - the NVR will be the heart of the IP System. It is responsible for smooth communication with the cameras and 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 is already 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.

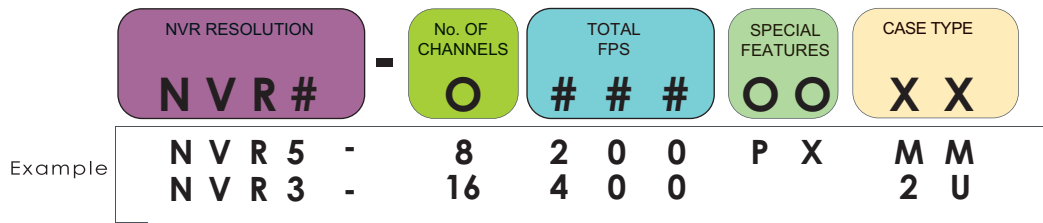
Provision-ISR NVRs support HD recording of 5MP, 4MP, 3MP, 1080P, 960P and 720P and divided into two product lines:

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 one network cable which will provide PoE power and automatically configure the camera for display & record. These NVRs may also perform as conventional NVRs by dedicating some of the channels to communicating with any ONVIF camera connected to the network. No previous knowledge is required for this type of installation.



NVR Model Name Index



NVR Resolution

Symbol	Description
NVR	720P Real-Time
NVR2	1080P Real-Time
NVR3	4MP Real-Time
NVR5	5MP Real-Time

No. of Channels

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

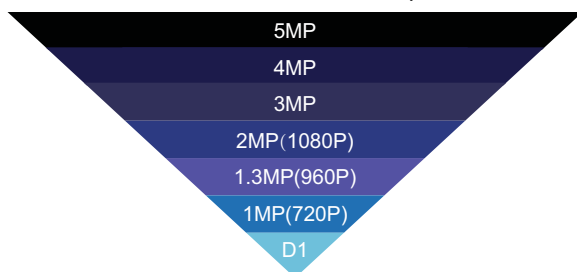
Symbol	Description
X	Economy Series
P	PoE Support

Case Type

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

Understanding the Resolution Markings

HD Resolutions are like an inverted pyramid.



If a NVR supports a resolution from the top of the pyramid, 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 - 5MP Real-Time

720P 960P 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.

4CH PoE NVR

NVR5-4100PX

5MP



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MODEL	NVR5-4100PX	
Video	Input	4CH RJ45 Direct Connection / Over Network
	Output	HDMI (1080P, 1280x1024)
	Decoding	H.265 / H.264
Audio	Input	1CH + Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	40Mbps
	Outgoing	40Mbps
Recording	Real-Time Recording	4CH 5MP Real-Time
	5MP	120FPS (NTSC)/100FPS (PAL)
	4MP	120FPS (NTSC)/100FPS (PAL)
	3MP	120FPS (NTSC)/100FPS (PAL)
	2MP (1080P)	120FPS (NTSC)/100FPS (PAL)
	1.3MP (960P)	120FPS (NTSC)/100FPS (PAL)
	1MP (720P)	120FPS (NTSC)/100FPS (PAL)
	960H	No
	D1	120FPS (NTSC)/100FPS (PAL)
	CIF	No
	Recording Modes	Schedule, Manual, Motion, Sensor
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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	Depends on Camera
Storage	Output	Depends on Camera
	HDD	1 SATA (6TB)
PTZ	E-SATA	No
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	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
	Dimension	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

4CH NVR

NVR5-4100X

5MP



MODEL		NVR5-4100X
Video	Input	4CH Over Network
	Output	HDMI (1080P, 1280x1024)
	Decoding	H.265 / H.264
Audio	Input	1CH + Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	40Mbps
	Outgoing	40Mbps
Recording	Real-Time Recording	4CH 5MP Real-Time
	5MP	120FPS (NTSC)/100FPS (PAL)
	4MP	120FPS (NTSC)/100FPS (PAL)
	3MP	120FPS (NTSC)/100FPS (PAL)
	2MP (1080P)	120FPS (NTSC)/100FPS (PAL)
	1.3MP (960P)	120FPS (NTSC)/100FPS (PAL)
	1MP (720P)	120FPS (NTSC)/100FPS (PAL)
	960H	No
	D1	120FPS (NTSC)/100FPS (PAL)
	CIF	No
Playback	Recording Modes	Schedule, Manual, Motion, Sensor
	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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	Depends on Camera
Storage	Output	Depends on Camera
	HDD	1 SATA (6TB)
PTZ	E-SATA	No
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	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
	Dimension	W300xD250xH50mm
	Operation Temperature	0°C ~50°C

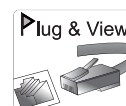
8CH PoE NVR

NVR5-8200PX

5MP



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MODEL		NVR5-8200PX
Video	Input	8CH RJ45 Direct Connection / Over Network
	Output	HDMI (1080P, 1280x1024)
	Decoding	H.265 / H.264
Audio	Input	1CH + Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	64Mbps
	Outgoing	64Mbps
Recording	Real-Time Recording	8CH 5MP Real-Time
	5MP	240FPS (NTSC)/200FPS (PAL)
	4MP	240FPS (NTSC)/200FPS (PAL)
	3MP	240FPS (NTSC)/200FPS (PAL)
	2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
	1.3MP (960P)	240FPS (NTSC)/200FPS (PAL)
	1MP (720P)	240FPS (NTSC)/200FPS (PAL)
	960H	No
	D1	240FPS (NTSC)/200FPS (PAL)
	CIF	No
Playback	Recording Modes	Schedule, Manual, Motion, Sensor
	Playback Channels	8CH
	Search Mode	Time-Slice, Time, Event, File Management
Backup	USB	1 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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iPhone/Android Phones/Tablets
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	Depends on Camera
Storage	Output	Depends on Camera
	HDD	1 SATA (6TB)
PTZ	E-SATA	No
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	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
	Dimension	W300xD250xH50mm
Operation Temperature		0°C ~50°C



8CH NVR

NVR5-8200X

5MP



MODEL		NVR5-8200X
Video	Input	8CH Over Network
	Output	HDMI (1080P, 1280x1024)
	Decoding	H.265 / H.264
Audio	Input	1CH + Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	64Mbps
	Outgoing	64Mbps
Recording	Real-Time Recording	8CH 5MP Real-Time
	5MP	240FPS (NTSC)/200FPS (PAL)
	4MP	240FPS (NTSC)/200FPS (PAL)
	3MP	240FPS (NTSC)/200FPS (PAL)
	2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
	1.3MP (960P)	240FPS (NTSC)/200FPS (PAL)
	1MP (720P)	240FPS (NTSC)/200FPS (PAL)
	960H	No
	D1	240FPS (NTSC)/200FPS (PAL)
	CIF	No
Playback	Recording Modes	Schedule, Manual, Motion, Sensor
	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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	Depends on Camera
Storage	Output	Depends on Camera
	HDD	1 SATA (6TB)
PTZ	E-SATA	No
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	100 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	Ports	No
	Interface	No
	Standard	No
	Total Power	No
Others	Max. Power Output (Per Ch.)	No
	Power Supply	DC12V/2A
	Power Consumption (No HDD)	5W
	Dimension	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)
	Decoding	H.265 / H.264
Audio	Input	1CH + Depends on Camera Inputs
	Output	Depends on Camera Outputs
	Two Way Audio	No
Bandwidth	Incoming	80Mbps
	Outgoing	80Mbps
Recording	Real-Time Recording	16CH 5MP Real-Time
	5MP	480FPS (NTSC)/400FPS (PAL)
	4MP	480FPS (NTSC)/400FPS (PAL)
	3MP	480FPS (NTSC)/400FPS (PAL)
	2MP (1080P)	480FPS (NTSC)/400FPS (PAL)
	1.3MP (960P)	480FPS (NTSC)/400FPS (PAL)
	1MP (720P)	480FPS (NTSC)/400FPS (PAL)
	960H	No
	D1	480FPS (NTSC)/400FPS (PAL)
	CIF	No
	Recording Modes	Schedule, Manual, Motion, Sensor
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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	Depends on Camera
Storage	Output	Depends on Camera
	HDD	2 SATA (6TB Each)
PTZ	E-SATA	No
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	Ports	No
	Interface	No
	Standard	No
	Total Power	No
Others	Max. Power Output (Per Ch.)	No
	Power Supply	DC12V/4A
	Power Consumption (No HDD)	5W
	Dimension	W375xD275xH50mm
Operation Temperature		0°C ~50°C

16CH NVR

NVR5-16400(1U)

5MP


MODEL	NVR5-16400 (1U)	
Video	Input	16CH over Network
	Output	HDMI (4K, 1080P), VGA (1280x1024)
	Decoding	H.265 / H.264
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 5MP Real-Time
	5MP	480FPS (NTSC)/400FPS (PAL)
	4MP	480FPS (NTSC)/400FPS (PAL)
	3MP	480FPS (NTSC)/400FPS (PAL)
	2MP (1080P)	480FPS (NTSC)/400FPS (PAL)
	1.3MP (960P)	480FPS (NTSC)/400FPS (PAL)
	1MP (720P)	480FPS (NTSC)/400FPS (PAL)
	960H	No
	D1	480FPS (NTSC)/400FPS (PAL)
	CIF	No
	Recording Modes	Schedule, Manual, Motion, Sensor
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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iPhone/Android Phones/Tablets
	User Access	10 Users Online with Professional Authority Management
Alarm	Input	Depends on Camera
	Output	Depends on Camera
Storage	HDD	2 SATA (6TB 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
	Dimension	W375xD275xH45mm
	Operation Temperature	0°C ~50°C

32CH NVR

NVR5-32800(1U)

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5MP



MODEL		NVR5-32800 (1U)
Video	Input	32CH over Network
	Output	HDMI (4K, 1080P), VGA (1280x1024)
	Decoding	H.265 / H.264
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 5MP Real-Time
	5MP	960FPS (NTSC)/800FPS (PAL)
	4MP	960FPS (NTSC)/800FPS (PAL)
	3MP	960FPS (NTSC)/800FPS (PAL)
	2MP (1080P)	960FPS (NTSC)/800FPS (PAL)
	1.3MP (960P)	960FPS (NTSC)/800FPS (PAL)
	1MP (720P)	960FPS (NTSC)/800FPS (PAL)
	960H	No
	D1	960FPS (NTSC)/800FPS (PAL)
	CIF	No
Playback	Recording Modes	Schedule, Manual, Motion, Sensor
	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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iPhone/Android Phones/Tablets
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	Depends on Camera
Storage	Output	Depends on Camera
	HDD	2 SATA (6TB Each)
PTZ	E-SATA	No
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	1000 Mbps (RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	Ports	No
	Interface	No
	Standard	No
	Total Power	No
Others	Max. Power Output (Per Ch.)	No
	Power Supply	DC12V/4A
	Power Consumption (No HDD)	15W
	Dimension	W375xD275xH45mm
	Operation Temperature	0°C ~50°C

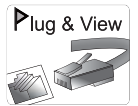
32CH NVR (16CH PoE)

NVR5-32800-16P(2U)

5MP



ossia



NVR5



MODEL	NVR5-32800-16P(2U)	
Video	Input	16CH Over Network + 16CH RJ45 Direct Connection / Over Network
	Output	HDMI (4K, 1080P), VGA (1280x1024)
	Decoding	H.265 / H.264
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 5MP Real-Time
	5MP	960FPS (NTSC)/800FPS (PAL)
	4MP	960FPS (NTSC)/800FPS (PAL)
	3MP	960FPS (NTSC)/800FPS (PAL)
	2MP (1080P)	960FPS (NTSC)/800FPS (PAL)
	1.3MP (960P)	960FPS (NTSC)/800FPS (PAL)
	1MP (720P)	960FPS (NTSC)/800FPS (PAL)
	960H	No
	D1	960FPS (NTSC)/800FPS (PAL)
	CIF	No
	Recording Modes	Schedule, Manual, Motion, Sensor
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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iPhone/Android Phones/Tablets
	User Access	10 Users Online with Professional Authority Management
Alarm	Input	16CH + Depends on Camera
	Output	1CH + Depends on Camera
Storage	HDD	8 SATA (6TB 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
	ONVIF	Yes
PoE	Ports	Yes (16CH)
	Interface	10/100Mbps
	Standard	IEEE802.3AF
	Total Power	240W (Average 15W Per Channel)
	Max. Power Output (Per Ch.)	15W
	Power Supply	AC100-240V
Others	Power Consumption (No HDD)	15W
	Dimension	W430xD445xH97mm
	Operation Temperature	0°C ~50°C

32CH NVR

NVR5-32800(2U)

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5MP



MODEL		NVR5-32800 (2U)
Video	Input	32CH over Network
	Output	HDMI1 (4K, 1080P1280x1024), HDMI2 + VGA (1280x1024, 1080P), 32Ch per Monitor
	Decoding	H.265 / H.264
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	32CH 5MP Real-Time
	5MP	960FPS (NTSC)/800FPS (PAL)
	4MP	960FPS (NTSC)/800FPS (PAL)
	3MP	960FPS (NTSC)/800FPS (PAL)
	2MP (1080P)	960FPS (NTSC)/800FPS (PAL)
	1.3MP (960P)	960FPS (NTSC)/800FPS (PAL)
	1MP (720P)	960FPS (NTSC)/800FPS (PAL)
	960H	No
	D1	960FPS (NTSC)/800FPS (PAL)
	CIF	No
Playback	Recording Modes	Schedule, Manual, Motion, Sensor
	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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	8CH + Depends on Camera
Storage	Output	4CH + Depends on Camera
	HDD	8 SATA (6TB Each)
PTZ	E-SATA	2
	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network	RS-485	No
	Ethernet	2 x 1000 Mbps (2 x RJ-45)
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P, RTSP
PoE	ONVIF	Yes
	Ports	No
	Interface	No
	Standard	No
	Total Power	No
Others	Max. Power Output (Per Ch.)	No
	Power Supply	AC100-240V
	Power Consumption (No HDD)	15W
	Dimention	W430xD445xH97mm
	Operation Temperature	0°C ~50°C

64CH NVR

NVR5-641600(2U)

5MP


MODEL		NVR5-641600 (2U)
Video	Input	64CH over Network
	Output	HDMI1 (4K, 1080P1280x1024), HDMI2 + VGA (1280x1024, 1080P), 32Ch per Monitor
	Decoding	H.265 / H.264
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 5MP Real-Time
	5MP	1920FPS (NTSC)/1600FPS (PAL)
	4MP	1920FPS (NTSC)/1600FPS (PAL)
	3MP	1920FPS (NTSC)/1600FPS (PAL)
	2MP (1080P)	1920FPS (NTSC)/1600FPS (PAL)
	1.3MP (960P)	1920FPS (NTSC)/1600FPS (PAL)
	1MP (720P)	1920FPS (NTSC)/1600FPS (PAL)
	960H	No
	D1	1920FPS (NTSC)/1600FPS (PAL)
	CIF	No
Playback	Recording Modes	Schedule, Manual, Motion, Sensor
	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	IE, Safari, Firefox (Mac OS, Windows Vista/7/8/10)
	CMS	Yes
	Mobile Application	Provision CAM2 for iOS/Android
Alarm	User Access	10 Users Online with Professional Authority Management
	Input	8CH + Depends on Camera
	Output	4CH + Depends on Camera
Storage	HDD	8 SATA (6TB 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
	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
	Dimension	W430xD445xH97mm
	Operation Temperature	0°C ~50°C

NVRs Compare Table

Model Name	NVR5-4100PX	NVR5-4100X	NVR5-8200PX	NVR5-8200X
Format	ONVIF Ossia NVR	ONVIF Ossia NVR	ONVIF Ossia NVR	ONVIF Ossia NVR
Number of Channels	4 (PoE)	4	8 (PoE)	8
Playback Channels	4	4	8	8
Remote Playback Channels	4	4	8	8
Live Preview While Playback	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)
Image Capture	Not Supported	Not Supported	Not Supported	Not Supported
Output Type	HDMI (Up to 1080P)	HDMI (Up to 1080P)	HDMI (Up to 1080P)	HDMI (Up to 1080P)
Dual Display	No	No	No	No
Case	Small 1U	Small 1U	Small 1U	Small 1U
Audio Input	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera
Audio Output	No	No	No	No
Two Way Audio	No	No	No	No
Mic In	No	No	No	No
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
Controller Support	No	No	No	No
Recording CIF	No	No	No	No
Recording D1	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels D1	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Recording 960H	No	No	No	No
Recording 1MP (720P)	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels 1MP	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Recording 1.3MP (960P)	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels 1.3MP	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Real-Time 1.3MP	4ch	4ch	8ch	8ch
Recording 2MP (1080P)	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels 2MP	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Real-Time 2MP	4ch	4ch	8ch	8ch
Recording 3MP	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels 3MP	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Real-Time 3MP	4ch	4ch	8ch	8ch
Recording 4MP	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels 4MP	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Real-Time 4MP	4ch	4ch	8ch	8ch
Recording 5MP	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
Recording Channels 5MP	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS
Real-Time 5MP	4ch	4ch	8ch	8ch
Total Bandwidth (Incoming)	40Mbps	40Mbps	64Mbps	64Mbps
Total Bandwidth (Outgoing)	40Mbps	40Mbps	64Mbps	64Mbps
Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
HDD	1(6TB)	1(6TB)	1(6TB)	1(6TB)
USB Port	2	2	2	2
E-SATA	No	No	No	No
Ethernet	100Mbps	100Mbps	100Mbps	100Mbps
DVD Burner	No	No	No	No
Master Stream	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
Network Stream	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
Master Stream Channels over Network	4	4	8	8
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	4(RJ-45/Network)	No	4(RJ-45/Network)	No
PoE Interface	10/100 Mbps	N/A	10/100 Mbps	N/A
PoE Standard	IEEE802.3AF	N/A	IEEE802.3AF	N/A
POE Total Power	45W (11.25W Average)	No	115W (14.3W Average)	No
Max. Consumption Per Channel	15W	No	15W	No
Power Supply	DC48V/1.04A	DC12V/2A	DC48V/2.5A	DC12V/2A
Power Supply Total Output (Max)	50W	24W	120W	24W
Power Consumption (Without HDD)	5W	5W	5W	5W

NVR5-16400X(1U)	NVR5-16400(1U)	NVR5-32800(1U)	NVR5-32800-16P(2U)	NVR5-32800(2U)	NVR5-641600(2U)
ONVIF Ossia NVR	ONVIF Ossia NVR	ONVIF Ossia NVR	ONVIF Ossia NVR	ONVIF Ossia NVR	ONVIF Ossia NVR
16	16	32	32 (16 PoE)	32	64
16	16	16	16	16	16
9	9	9	9	9	9
Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)	Yes (1ch Playback)
Not Supported	As viewed resolution	As viewed resolution	As viewed resolution	As viewed resolution	As viewed resolution
HDMI (Up to 1080P)	HDMI (Up to 4K), VGA	HDMI (Up to 4K), VGA	HDMI (Up to 4K), VGA	HDMI (Up to 4K), HDMI, VGA	HDMI (Up to 4K), HDMI, VGA
No	Yes	Yes	Yes	Yes (Triple)	Yes (Triple, Up to 32ch)
1U	1U	1U	2U	2U	2U
1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera	1Ch + Depends on Camera
No	1Ch	1Ch	1Ch	1Ch	1Ch
No	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No
Depends on Camera	Depends on Camera	Depends on Camera	16 + Depends on Camera	8 + Depends on Camera	8 + Depends on Camera
Depends on Camera	Depends on Camera	Depends on Camera	1 + Depends on Camera	4 + Depends on Camera	4 + Depends on Camera
Yes - Over IP	Yes - Over IP	Yes - Over IP	Yes - Over IP	Yes - Over IP	Yes - Over IP
No	No	No	No	No	No
No	No	No	No	No	No
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
No	No	No	No	No	No
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
16ch	16ch	32ch	32ch	32ch	64ch
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
16ch	16ch	32ch	32ch	32ch	64ch
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
16ch	16ch	32ch	32ch	32ch	64ch
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
16ch	16ch	32ch	32ch	32ch	64ch
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)	1600/19200 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS	64ch @ 25/30 FPS
16ch	16ch	32ch	32ch	32ch	64ch
80Mbps	160Mbps	256Mbps	256Mbps	256Mbps	320Mbps
80Mbps	160Mbps	256Mbps	256Mbps	256Mbps	320Mbps
H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
2(6TB Each)	2(6TB Each)	2(6TB Each)	8(6TB Each)	8(6TB Each)	8(6TB Each)
2	2	2	1 (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)
No	No	No	1	2	2
100Mbps	1000Mbps	1000Mbps	1000Mbps	2 x 1000Mbps	2 x 1000Mbps
No	No	No	No	No	No
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	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	Depends on Camera	Depends on Camera
16	16	32	32	32	64
10	10	10	10	10	10
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	Yes (16 Ports)	No	No
No	No	No	10/100Mbps	No	No
No	No	No	IEEE802.3AF	No	No
No	No	No	240W (15W Average)	No	No
No	No	No	15W	No	No
DC12V/3A	DC12V/4A	DC12V/4A	110-220V AC	110/220V AC	110/220V AC
48W	48W	48W	250W	250W	250W
5W	5W	5W	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.

Provision-ISR offers 3 lines of PoE Products:

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.

10/100/1000Mbps 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 information on the front panel of the device.

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.



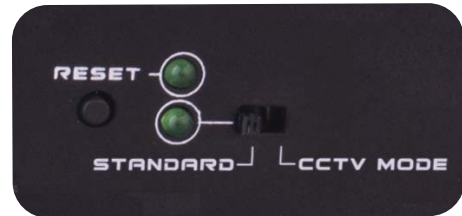
Special Features (Selected models only):

CCTV mode:

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

The achieved benefits of CCTV mode are:

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

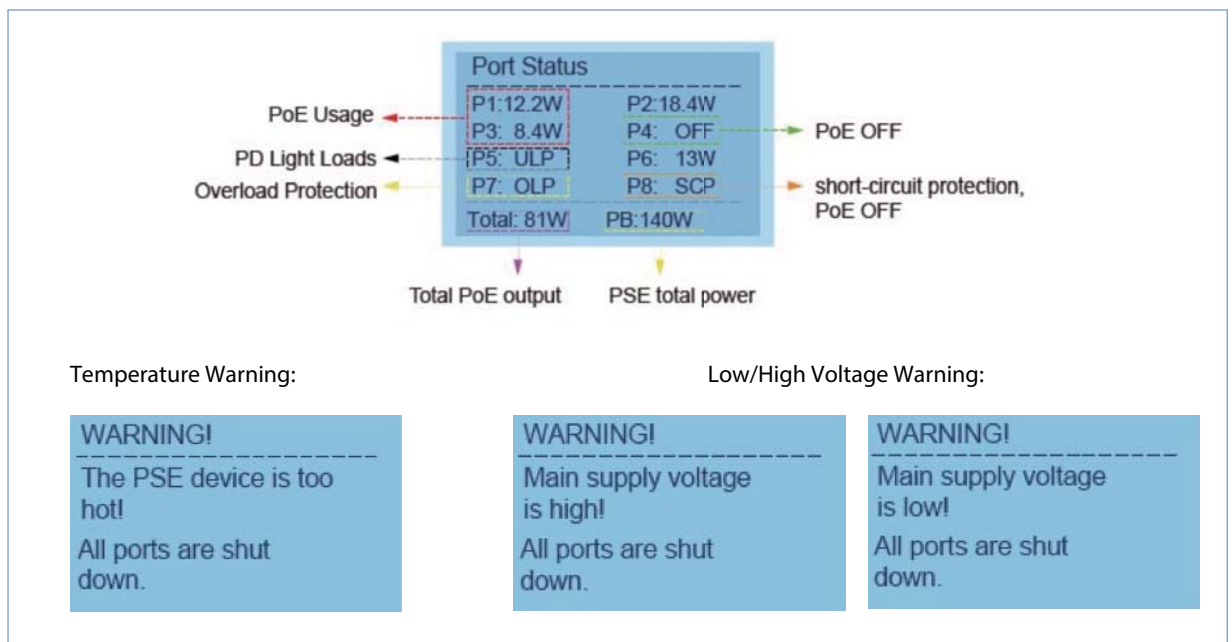


Status LCD Screen:

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...



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.



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)/Earthing 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

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)/Earthing 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



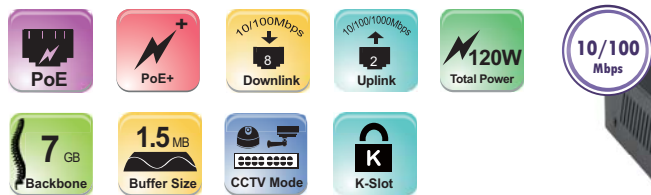
CCTV Mode Switch



K-Lock Slot

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

PoES-08120+2G



10/100
Mbps



- Downlink: 4x100Mbps Ports
- Uplink: 2x 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/Anti-Theft Hole Lock(k-slot)/Earthing Connector

Specifications

MODEL		PoES-08120+2G
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
Data Processing	Maximum Power Per Channel	30W
	Backbone Bandwidth	7Gbps
	Buffer Size	1.5Mb
	MAC Address Table	4K
Network Media	VLAN	No
	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)
Special	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m) [For Uplink Ports Only]
	CCTV Mode	Selectable Standard/CCTV Mode
	Surge Protector	Built-In
	Wall Bracket	Optional
Power	Rack Bracket	No
	K-Slot (Anti Theft)	Available
	PoE Status Monitor	No
Others	Power Supply	54v/2.2A
	Power Consumption	PoE On: 124W Max. / PoE Off: 4W Max.
	Fan	No
	Dimensions	200×101.8×27mm
	Weight	1.8kg
	Operating Temperature	~0°C-40°C



CCTV Mode Switch



K-Lock Slot

16 Port 10/100 Mbps + 2Combo PoE Switch

PoES-16250+2Combo

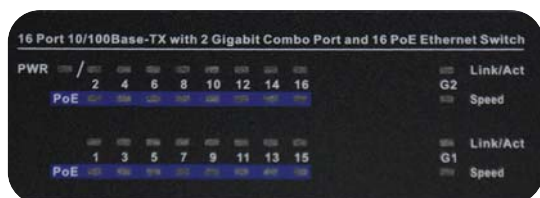


- Downlink: 16x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 250W (Avg:15W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Rack mount bracket included

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
Data Processing	Maximum Power Per Channel	30W
	Backbone Bandwidth	8.8Gbps
	Buffer Size	2.75Mb
	MAC Address Table	4K
Network Media	VLAN	No
	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)
Special	1000BASE-T	UTP Category 5e, 6, 7 Cable (Maximum 100m)
	CCTV Mode	No
	Surge Protector	Built-In
	Wall Bracket	No
Power	Rack Bracket	Yes
	K-Slot (Anti Theft)	Available
	PoE Status Monitor	No
Others	Power Supply	100-240VAC
	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



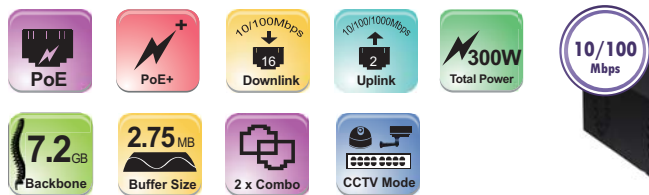
LED Status display



Combo Slot (1000Mbps RJ-45 / SFP)

16 Port 10/100 Mbps +2Combo PoE Switch

PoES-16300C+2Combo



10/100 Mbps

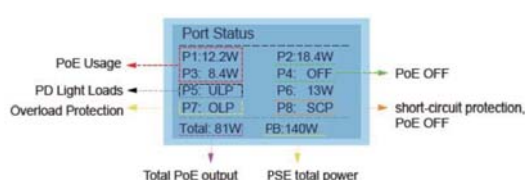
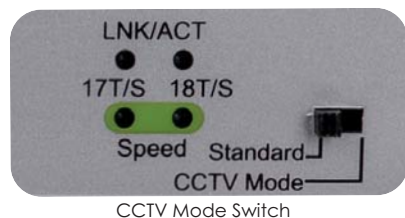


- Downlink: 16x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 300W (Avg:18.75W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Status LCD Monitor
- CCTV mode:
 - Up to 250 meter at 10Mbps
 - Vlan function: no communication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



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)	Available
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



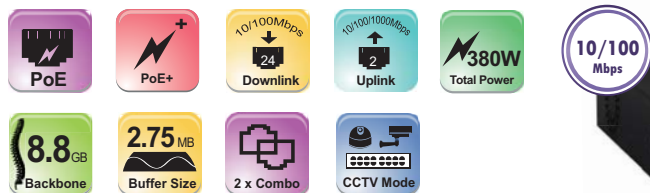
LED Status display



Combo Slot (1000Mbps RJ-45 / SFP)

24 Port 10/100 Mbps +2Combo PoE Switch

PoES-24380C+2Combo

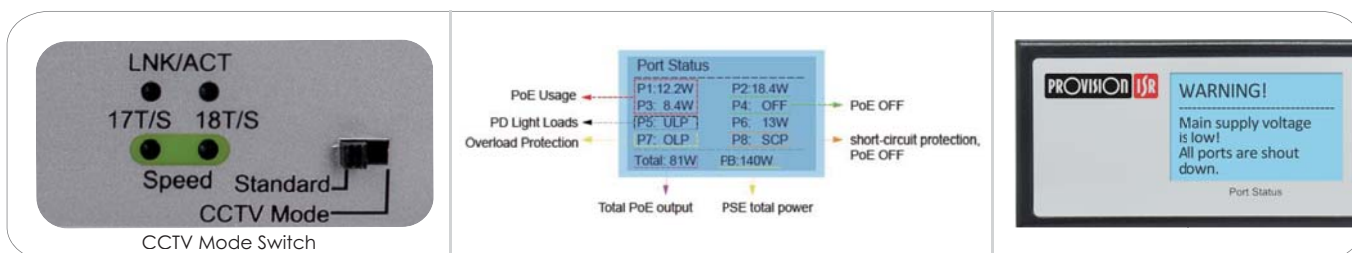


- Downlink: 24x100Mbps Ports
- Uplink: 2x1Gbps Port or 2 SFP (Combo)
- 380W (Avg:15W Max 30W per ch)
- Internal Power Supply
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- Status LCD Monitor
- CCTV mode:
 - Up to 250 meter at 10Mbps
 - Vlan function: no communication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



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

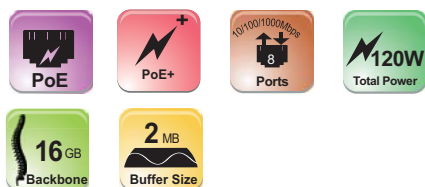
MODEL	PoES-0460G+2G	
Interface	Downlink Ports	4 x 10/100/1000Mbps
	Uplink Ports	2 x 10/100/1000Mbps
	SFP Ports	No
PoE	PoE Ports	4 (Downlink Ports)
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	60W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	12Gbps
	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-Port Giga PoE Switch

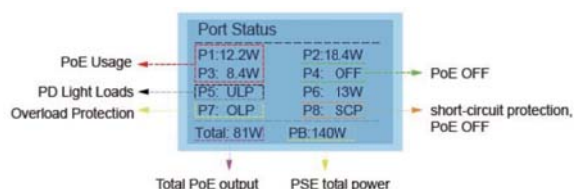
PoES-08120G



- 8x1Gbps PoE Ports
- All Ports Act as both Downlink/Uplink
- 120W (Avg:15W 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
- Rack Mount Bracket Included

Specifications

MODEL	PoES-08120G	
Interface	Ethernet Ports (Downlink/Uplink)	8 x 10/100/1000Mbps
	SFP Ports	No
PoE	PoE Ports	8
	PoE Standard	IEEE802.3af/at PoE
	PoE Total Power	120W
	Average Power Per Channel	15W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	16Gbps
	Buffer Size	2Mb
	MAC Address Table	8K
	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
Power	K-Slot (Anti Theft)	No
	PoE Status Monitor	No
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 135W Max. / PoE Off: 15W Max.
	Fan	No
	Dimensions	280*179*45mm
	Weight	2.5kg
	Operating Temperature	~0°C-40°C



16+2SFP-Port Giga PoE Switch

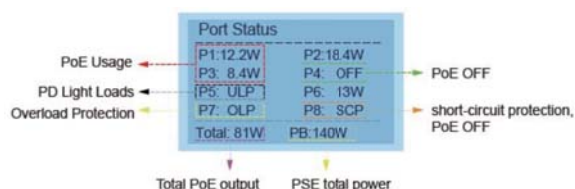
PoES-16300G+2SFP



- 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
- Rack Mount Bracket Included

Specifications

MODEL	PoES-16300G+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	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
Power	K-Slot (Anti Theft)	Available
	Status Monitor	Yes
	Power Supply	100-240VAC
Others	Power Consumption	PoE On: 313W Max. / PoE Off: 13W Max.
	Fan	No
	Dimensions	440*232*45mm
	Weight	4kg
	Operating Temperature	-0°C-40°C



24+2SFP-Port Giga PoE Switch

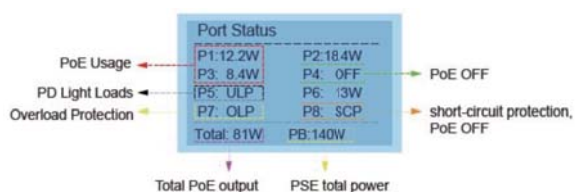
PoES-24300G+2SFP



- 24x1Gbps PoE Ports
- All Ports Act as both Downlink/Uplink
- 2 SFP Uplink Ports
- 300W (Avg:13.75W 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
- Rack Mount Bracket Included

Specifications

MODEL	PoES-24300G+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	300W
	Average Power Per Channel	13.75W
	Maximum Power Per Channel	30W
Data Processing	Backbone Bandwidth	52Gbps
	Buffer Size	4.1Mb
	MAC Address Table	8K
	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	Status Monitor	Yes
	Power Supply	100-240VAC
	Power Consumption	PoE On: 345W Max. / PoE Off: 15W Max.
Others	Fan	No
	Dimensions	440*232*44mm
	Weight	4.5kg
	Operating Temperature	-0°C-40°C



PoE Accessories

1 Ch PoE Ethernet Injector

Model: PoEI-0130

Turn Non-PoE Port to PoE port.
Designed for application where having a normal "none PoE Switch" but wish to get a PoE function to feed camera.

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



1 Ch PoE Ethernet Splitter

Model: PoESP-0112S

Split PoE Port to DC Power + 10/100 Mbps Ethernet.
Designed for applications where having a PoE Switch and None PoE device. the Splitter Split the input PoE Signal to 2 independent output signals: Ethernet + DC (5/9/12V)

- 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



1 Ch PoE Extender (Repeater)

Model: PoER-01

Extend PoE Signal addition 100 meter.
Designed for Application where PoE camera located over 100 Meter Distance from the PoE Switch.

- Extends PoE Ethernet Range Up To Additional 100 Meter 10/100Mbps Ethernet
- No Additional Power Supply Is Required
- Automatically Detects And Protects PoE Equipment From Being Damaged By Incorrect Installation
- Complies With IEEE802.3af Power Over Ethernet



PoE Accessories

1 to 2 CH PoE Extender (Repeater)

Model: PoER-02

Split 1 Ch PoE to 2Ch and Extend PoE Signal additional 150 meter. Designed for Application where PoE camera or 2 located over 100 Meter Distance from the PoE Switch. Allows to transmit both cameras PoE signal Over 1 Ethernet . for Ease the installation, save on cabling cost and labor.



- Extends PoE Range Up To Additional 150 Meters
- 10/100Mbps Ethernet
- 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 attached Several Unit In a Row



* Will cause a power lost of approx. 3 watt for its own operational use

* Power (Watt) which supplied to camera depend on: Number of cameras ,cable distance and Feeding PoE Port Power limitation! subject to Operational Spec.

Ethernet over Coax (EoC)

Model: EoC-01

Designed for applications where IP camera are replacing an old Analog cameras while the Coax cable and DC12V power infrastructure are already available.

- Set-Transmitter + Receiver
- Up To 150 Meter of Ethernet Over Coax
- Passive Units: No Power supply needed.
- Requires that the camera will be powered on



None PoE Power Over Ethernet Transmitter/Receiver

Model: DCoE-01

Design To Transmit DC Power and Ethernet Over Ethernet Cable.

- Set-Transmitter/Receiver
- 50 Meter Working Distance
- Required Camera External Power Supply
- Supply a DC Power Input To Camera And Not PoE



HID Analog



4MP AHD

Enjoy Amazing Crystal Clear Image Quality

With a breakthrough technology extending “Analog” video resolution beyond expectation

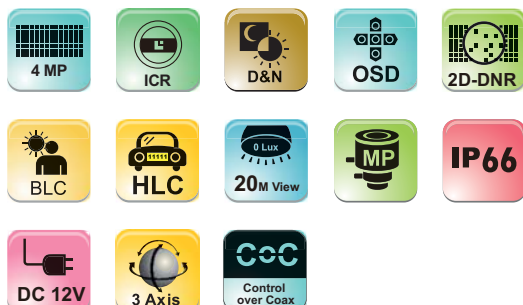
After the great success of AHD 2MP, now comes the next AHD generation of 4MP, allowing customers to keep enjoying the well familiar and preferred Analog installation method while getting a superb image quality of 4MP HD resolution.

- ✓ 4 Mega-Pixel live display
- ✓ 4 Mega-pixel AHD recording at 15 fps
- ✓ 2 Mega-Pixel AHD/CVI/TVI recording at 25/30FPS
- ✓ IP Cameras support*
- ✓ 4K Ultra HD display output*
- ✓ New Ossia OS



AHD IR DOME CAMERA FIXED LENS

DI-340AHD36



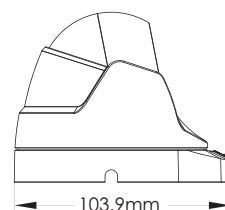
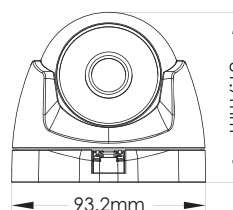
MODEL	DI-340AHD36
Image Sensor	1/3" 4MP Sensor
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital: 2560x1440
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	2 LED Array (20m)
OSD Menu	Available via CoC Only (12 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥50dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual
Noise Reduce	2D-DNR
Video Output	AHD
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens	3.6mm
Power	DC12V±10%, ~280mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	104*82*93.2mm
Net weight	270g

Main Features:

Sensor: 1/3", 4 Mega-Pixel
 Output: 4MP AHD
 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

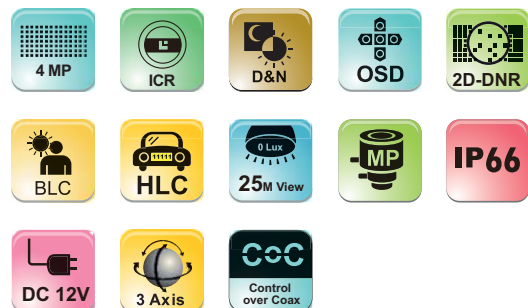


Junction Box (PR-B37JB)
is available



AHD IR DOME CAMERA VARI-FOCAL LENS

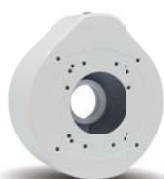
DI-340AHDVF



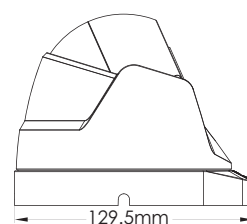
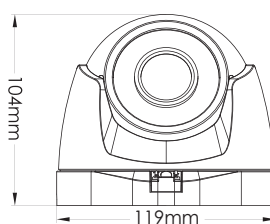
MODEL	DI-340AHDVF
Image Sensor	1/3" 4MP Sensor
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital:2560x1440
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available via CoC Only (12 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥50dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual
Noise Reduce	2D-DNR
Video Output	AHD
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens	2.8-12mm
Power	DC12V±10%, ~360mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	129.5*119*104mm
Net weight	476g

Main Features:

Sensor: 1/3" 4 Mega-Pixel
 Selectable Output: 4MP AHD
 Lens: 2.8-12mm Mega-Pixel Fixed
 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



AHD IR BULLET CAMERA FIXED LENS

I3-340AHD36



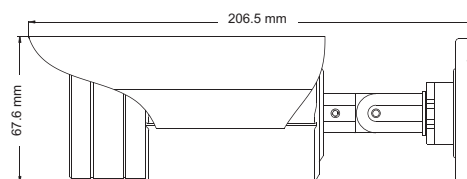
MODEL	I3-340AHD36
Image Sensor	1/3" 4MP Sensor
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital: 2560x1440
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (30m)
OSD Menu	Available via CoC Only (12 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥50dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual
Noise Reduce	2D-DNR
Video Output	AHD
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens	3.6mm
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" 4 Mega-Pixel
 Selectable Output: 4MP AHD
 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



AHD IR BULLET CAMERA VARI-FOCAL LENS

I4-340AHDVF



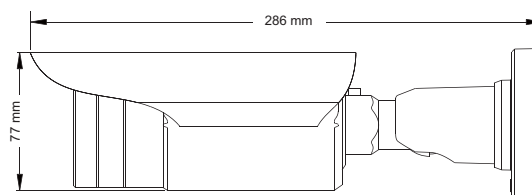
MODEL	I4-340AHDVF
Image Sensor	1/3" 4MP Sensor
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital: 2560x1440
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	4 LED Array (40m)
OSD Menu	Available via CoC Only (12 Languages)
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HSBLC
S/N Ratio	≥50dB (AGC Off)
White Balance	ATW,AWC,Indoor,Outdoor,Manual
Noise Reduce	2D-DNR
Video Output	AHD
Defog	Not Available
Privacy Mask	Not Available
Motion Detection	Not Available
D-Effect	Not Available
Lens	2.8-12mm
Power	DC12V±10%, ~450mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

Main Features:

Sensor: 1/3" 4 Mega-Pixel
Output: 4MP AHD
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-B47JB)
is available



4 CH 4in1 + 1 CH IP Hybrid DVR

SH-4050A-4



ossia

4MP 1080P

3MP 1080P



MODEL		SH-4050A-4	
System		Compression Format	High profile H.264
		ONVIF	Yes
		Format	"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	4CH Standard BNC + 1CH IP (Over Network)
		Standard Output	HDMI, VGA (1280x1024), CVBS(Spot)
Audio		Input	4CH
		Output	1CH
		Two Way Audio	Yes
Recording	AHD	Max. Resolution	4CH 4MP Half Real-Time
		4MP	60FPS (NTSC)/50FPS (PAL) Total. Up to 15/12FPS Per Channel
		2MP (1080P) & Lower	120FPS (NTSC)/100FPS (PAL)
	CVI + TVI	Max. Resolution	4CH 2MP Real-Time
		2MP (1080P) & Lower	120FPS (NTSC)/100FPS (PAL)
	Analog	Max. Resolution	4CH 960H Real-Time
		960H	120FPS (NTSC)/100FPS (PAL)
	IP	Max. Resolution	1CH 1080P Real-Time
		4MP	Not Supported
		3MP	15FPS (NTSC) / 12FPS (PAL)
		2MP (1080P) & Lower	30FPS (NTSC)/25FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor
	Playback		HD Analog Playback
IP Playback			4CH
Search Mode			Time, Event, File Management
Backup		USB	2 USB 2.0 Port
		DVD Burner	No
		Backup Format	AVI/DAT
Remote Application		AHD Stream	Master Stream 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI/TVI 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 1-25FPS@D1
		IP Stream	Master Stream 1-12/15FPS@3MP / 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream	Up to 4Ch@Recording Resolution
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
		User Access	10 Users Online with Professional Authority Management
Alarm		Input	4CH
		Output	1CH
Storage		HDD	1 SATA (6TB)
		E-SATA	No
PTZ		Connection	RS-485 / CoC
		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, P2P
Others		Dimension	W300xD250xH45mm
		IR Controller	Yes
		Power Supply	12V/2A
		Operation Temperature	0°C ~50°C

8 CH 4in1 + 4 CH IP Hybrid DVR

SH-8100A-4(1U)



ossia

4MP 1080P

4MP



MODEL		SH-8100A-4(1U)	
System		Compression Format	High profile H.264
		ONVIF	Yes
		Format	"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	8CH Standard BNC + 4CH IP (Over Network)
		Standard Output	HDMI(4K, 1920x1080), VGA (1280x1024), CVBS(Spot)
Audio		Input	4CH
		Output	1CH
		Two Way Audio	Yes
Recording	AHD	Max. Resolution	8CH 4MP Half Real-Time
		4MP	120FPS (NTSC)/100FPS (PAL) Total. Up to 15/12FPS Per Channel
		2MP (1080P) & Lower	240FPS (NTSC)/200FPS (PAL)
	CVI + TVI	Max. Resolution	8CH 2MP Real-Time
		2MP (1080P) & Lower	240FPS (NTSC)/200FPS (PAL)
	Analog	Max. Resolution	8CH 960H Real-Time
		960H	240FPS (NTSC)/200FPS (PAL)
	IP	Max. Resolution	4CH 4MP Real-Time
		4MP	120FPS (NTSC)/100FPS (PAL)
		3MP	120FPS (NTSC)/100FPS (PAL)
		2MP (1080P) & Lower	120FPS (NTSC)/100FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor
Playback		HD Analog Playback	8CH
		IP Playback	8CH
		Search Mode	Time, Event, File Management
Backup		USB	2 USB 2.0 Port
		DVD Burner	No
		Backup Format	AVI/DAT
Remote Application		AHD Stream	Master Stream 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI/TVI 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 8Ch@Recording Resolution
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
User Access		10 Users Online with Professional Authority Management	
Alarm		Input	4CH
		Output	1CH
Storage		HDD	2 SATA (6TB)
		E-SATA	No
PTZ		Connection	RS-485 / CoC
		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, P2P
Others		Dimention	W375xD275xH45mm
		IR Controller	Yes
		Power Supply	12V/4A
		Operation Temperature	0°C ~50°C

16 CH 4in1 + 4 CH IP Hybrid DVR

SH-16200A-4(1U)



4MP

1080P

4MP



MODEL		SH-16200A-4(1U)	
System		Compression Format	High profile H.264
		ONVIF	Yes
		Format	"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video		Input	16CH Standard BNC + 4CH IP (Over Network)
		Standard Output	HDMI(4K, 1920x1080), VGA (1280x1024), CVBS(Spot)
Audio		Input	4CH
		Output	1CH
		Two Way Audio	Yes
Recording	AHD	Max. Resolution	16CH 4MP Half Real-Time
		4MP	240FPS (NTSC)/100FPS (PAL) Total. Up to 15/12FPS Per Channel
		2MP (1080P) & Lower	480FPS (NTSC)/400FPS (PAL)
	CVI + TVI	Max. Resolution	16CH 2MP Real-Time
		2MP (1080P) & Lower	Not Supported
	Analog	Max. Resolution	16CH 960H Real-Time
		960H	480FPS (NTSC)/400FPS (PAL)
	IP	Max. Resolution	8CH 4MP Real-Time
		4MP	120FPS (NTSC)/100FPS (PAL)
		3MP	120FPS (NTSC)/100FPS (PAL)
		2MP (1080P) & Lower	120FPS (NTSC)/100FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor
	Playback		HD Analog Playback
IP Playback			16CH
Search Mode			Time, Event, File Management
Backup		USB	2 USB 2.0 Port
		DVD Burner	No
		Backup Format	AVI/DAT
Remote Application		AHD Stream	Master Stream 1-12/15FPS@4MP / 1-25/30FPS@1080P; Sub-Stream: Up to 1-25FPS@1080P
		CVI/TVI 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 1-25FPS@D1
		IP Stream	Master Stream 1-25/30FPS@4MP; Sub-Stream Up to 1-25/30FPS@D1
		Master Stream	Up to 16Ch@Recording Resolution
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
User Access		10 Users Online with Professional Authority Management	
Alarm		Input	4CH
		Output	1CH
Storage		HDD	2 SATA (6TB)
		E-SATA	No
PTZ		Connection	RS-485 / CoC
		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, P2P
Others		Dimention	W375xD275xH45mm
		IR Controller	Yes
		Power Supply	12V/4A
		Operation Temperature	0°C ~50°C

It's 1080P Time

Double the Resolution of 720P



Familiar Analog Installation

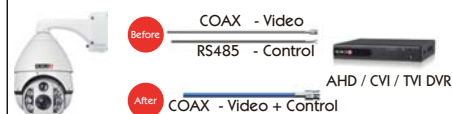


Compatible with All Analog Products



CoC: Control over Coax

Controls PTZ and OSD Menu Over One Coax Cable



Based on 1/3" CMOS sensor. Great day-and-night image. Equipped with conventional LED and OSD menu. Perfect for small installations.



Professional solution based on 1/3" Sony CMOS sensor. Excellent day-and-night image. Equipped with advanced LED Array and OSD menu with variety of options. Installer's preferred choice.



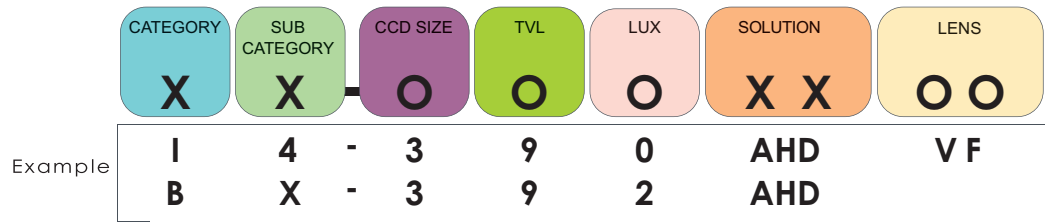
1/3" Sony CMOS sensor. ULTRA image quality. Features motorized auto focus lens & true WDR based on double exposure. Perfect for extreme conditions.

The 1080P "4 in 1" HD Analog technology allows you to install full HD cameras with resolution of 1080P over analog infrastructure. The 1080P platform is also compatible with 720P HD Analog and Analog Cameras.

All of Provision-ISR's "4 in 1" / "All in One" products support the main HD analog technologies: AHD, TVI and Analog.



Camera Model Name Index



Category

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

Resolution

Symbol	Description
7	650-700TVL
8	1.3MP (720P)
9	2MP (1080P)
3	3MP
4	4MP

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

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
AH DU	AHD Ultra

Lens

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

Sensor Size

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

HD ANALOG IR DOME CAMERA FIXED LENS

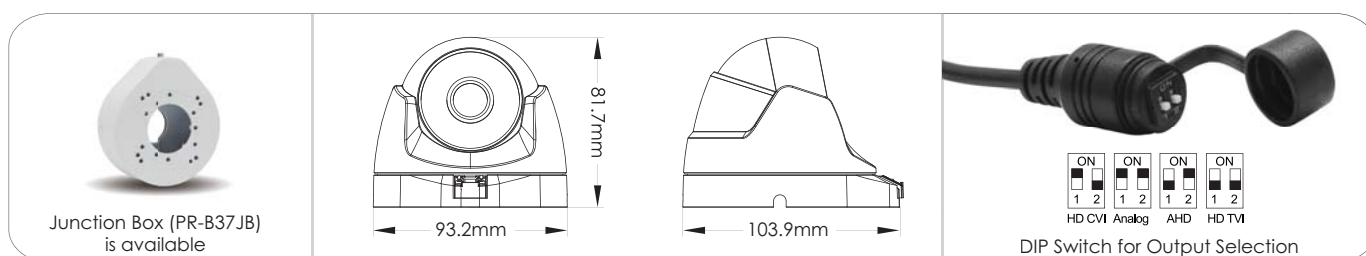
DI-390AHDE36+



MODEL	DI-390AHDE36+
Image Sensor	1/3" 2MP Sensor
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux
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	3.6mm
Power	DC12V±10%, ~280mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	104*70.8*93.2mm
Net weight	270g

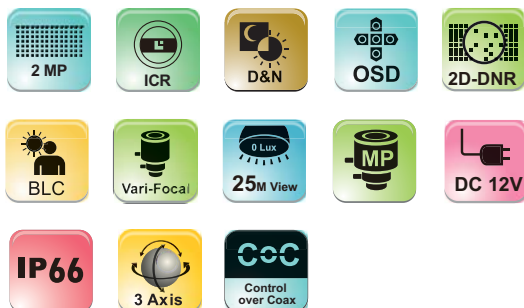
Main Features:

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



HD ANALOG IR DOME CAMERA VARI-FOCAL LENS

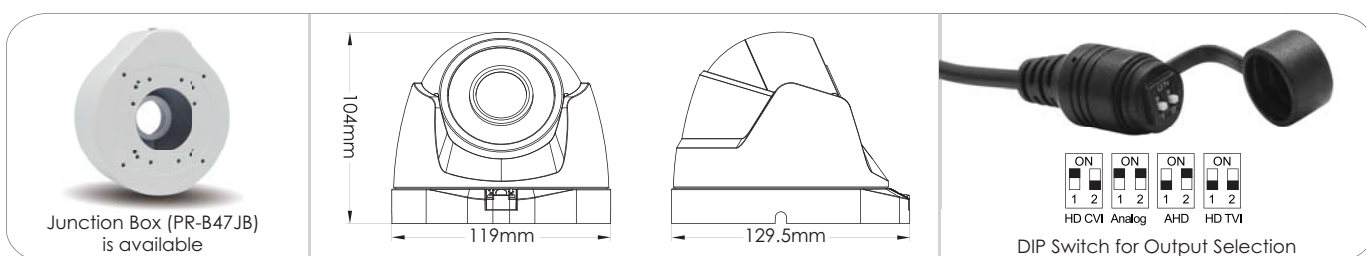
DI-390AHDEVF+



MODEL	DI-390AHDEVF+
Image Sensor	1/3" 2MP Sensor
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux
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	2.8-12mm
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 Fixed
 True Day & Night – ICR
 IR Range: 25m (36 IR LED)
 IP66
 CoC Support
 Weight: 476g
 Power: DC 12V, ~360mA



HD ANALOG IR BULLET CAMERA FIXED LENS

I1-390AHDE36+



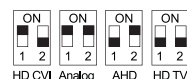
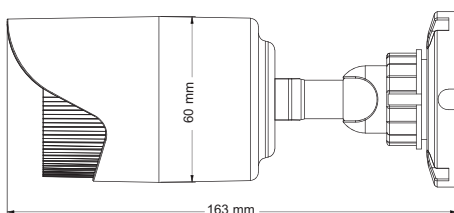
MODEL	I1-390AHDE36+
Image Sensor	1/3" 2MP Sensor
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920×1080, Analog:960H
Min. Illumination	0.1Lux
Day & Night	True Day&Night (ICR)
IR LED	24 LED (15m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, 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	3.6mm
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+



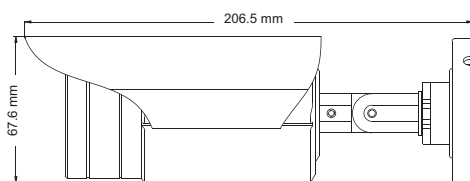
MODEL	I3-390AHDE36+
Image Sensor	1/3" 2MP Sensor
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920×1080, Analog:960H
Min. Illumination	0.1Lux
Day & Night	True Day&Night (ICR)
IR LED	36 IR LED (25m)
OSD Menu	Available via CoC Only
CoC Support	Yes
Day & Night Mode	Color, 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	3.6mm
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



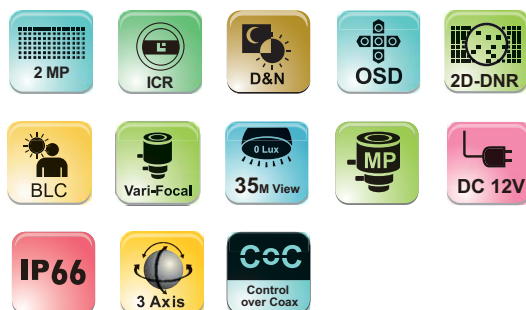
Junction Box (PR-B37JB)
is available



DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA VARI-FOCAL LENS

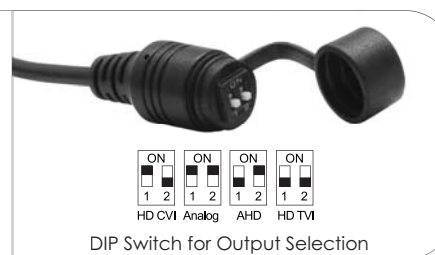
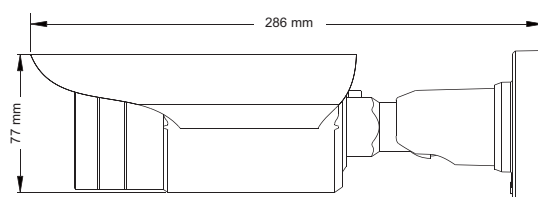
I4-390AHDEVF+



MODEL	I4-390AHDEVF+
Image Sensor	1/3" 2MP Sensor
Effective Pixels	1928(H)×1088(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.1Lux
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	2.8-12mm
Power	DC12V±10%, ~380mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

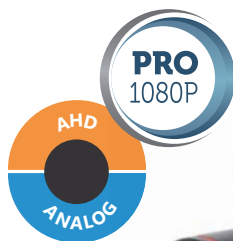
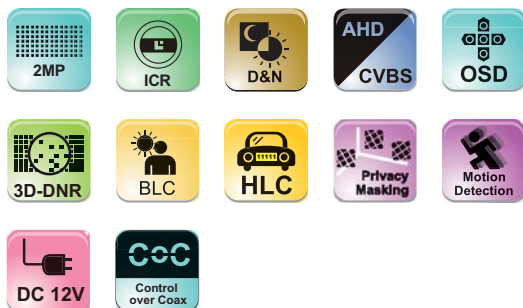
Main Features:

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



AHD BOX CAMERA

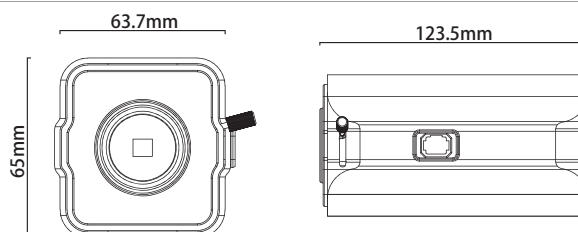
BX-392AHD



MODEL	BX-392AHD
Image Sensor	1/3" Sony 2MP Sensor
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	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" Sony, 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+



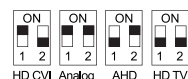
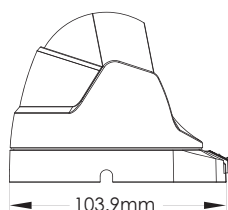
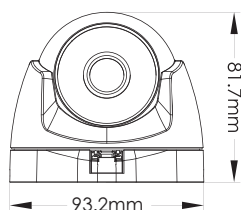
MODEL	DI-390AHD28+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	19 Wide IR LED (15m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	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	2.8mm
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" Sony, 2 Mega-Pixel
 Selectable Output: 1080P AHD / CVI / TVI / Analog
 Lens: 2.8mm Mega-Pixel Fixed
 True Day & Night – ICR
 IR Range: 15m (19 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+



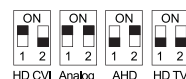
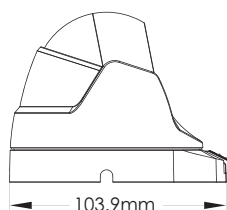
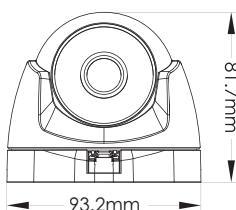
MODEL	DI-390AHD36+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	2 LED Array (20m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
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	3.6mm
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" Sony, 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+



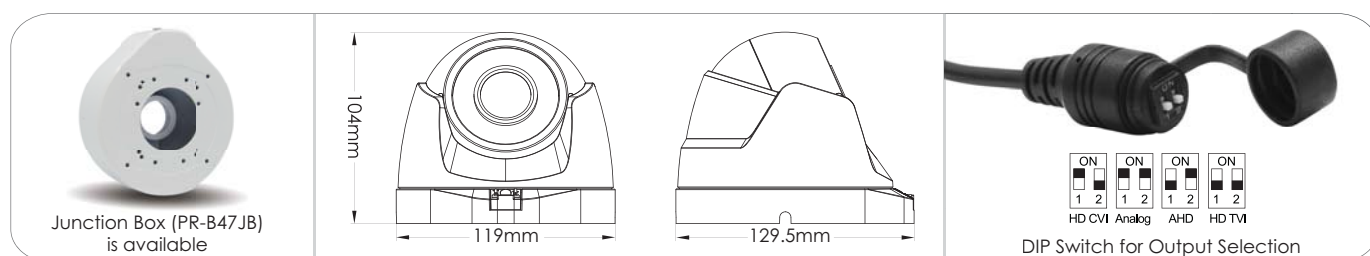
MODEL	DI-390AHDVF+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
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	2.8-12mm
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" Sony, 2 Mega-Pixel
 Selectable Output: 1080P AHD / CVI / TVI / Analog
 Lens: 2.8-12mm Mega-Pixel Fixed
 True Day & Night – ICR
 IR Range: 25m (3 Array LED)
 IP66
 CoC Support
 Weight: 476g
 Power: DC 12V, ~400mA



Available in Grey Color



HD ANALOG IR VANDAL PROOF DOME CAMERA VARI-FOCAL LENS

DAI-390AHDVF+



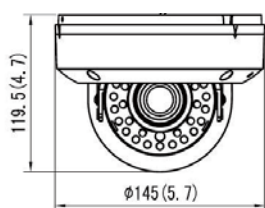
MODEL	DAI-380AHDVF+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	35 LED (20m)
OSD Menu	Available (11 Languages, AHD/CVBS Output Selectable)
CoC 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	2.8-12mm
Power	DC12V±10%, ~250mA
Operation Temp.	-30°C~+50°C
Protection Rate	Vandal Proof: IK10, Waterproof: IP66
Dimension	Φ145×119.5mm
Net weight	810g

Main Features:

Sensor: 1/3" Sony, 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 2.8-12mm Mega-Pixel Fixed
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 Adjustment Mechanism



DIP Switch for Output Selection

HD ANALOG IR BULLET CAMERA FIXED LENS

I3-390AHD36+



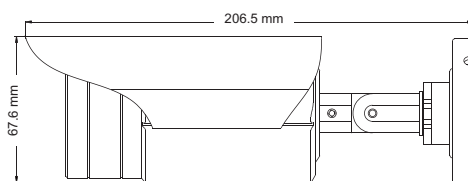
MODEL	I3-390AHD36+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (30m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
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	3.6mm
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" Sony, 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+



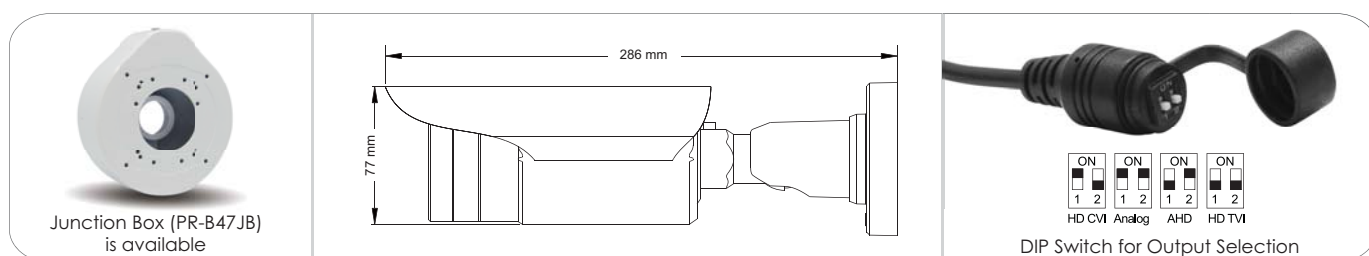
MODEL	I4-390AHDVF+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1225(V)
Scanning System	Progressive
Resolution	Digital:1920x1080, Analog:960H
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	4 LED Array (40m)
OSD Menu	Available via CoC Only (11 Languages)
CoC Support	Yes
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	2.8-12mm
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" Sony, 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

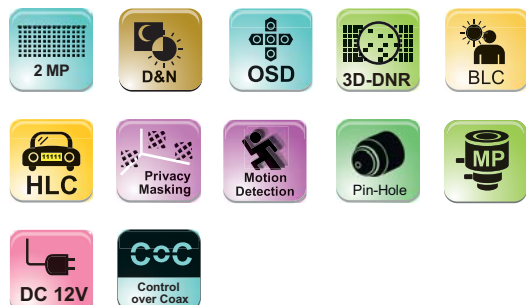


Available in Grey Color



HD ANALOG HIDDEN CAMERA PINHOLE MINI CAMERA

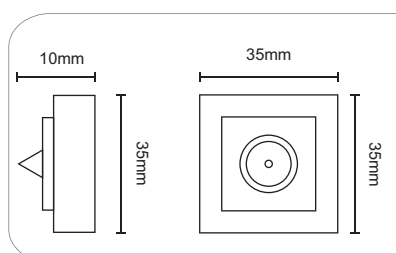
MC-392AHD37+



MODEL	MC-392AHD37+
Image Sensor	1/3" Sony 2MP Sensor
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	3.7mm Pinhole Lens
Power	DC12V±10%, ~72mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	35*35*10mm
Net weight	90g

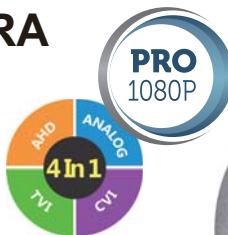
Main Features:

Sensor: 1/3" Sony, 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

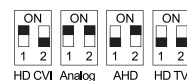
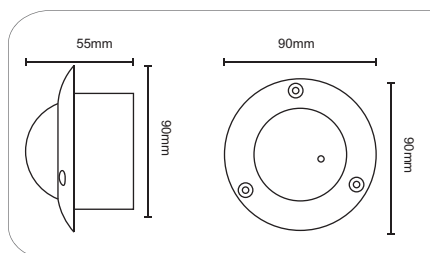
DL-392AHD37+



MODEL	DL-392AHD37+
Image Sensor	1/3" Sony 2MP Sensor
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	3.7mm Pinhole Lens
Power	DC12V±10%, ~72mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	Ø90*55mm
Net weight	210g

Main Features:

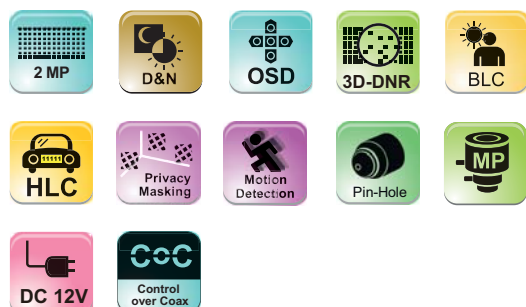
Sensor: 1/3" Sony, 2 Mega-Pixel
Selectable Output: 1080P AHD / CVI / TVI / Analog
Lens: 3.7mm Pinhole Lens
Weight: 210g
Power: DC 12V, ~72mA



DIP Switch for Output Selection

HD ANALOG HIDDEN CAMERA DUMMY SMOKE DETECTOR HOUSING

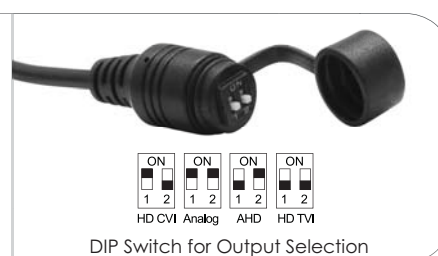
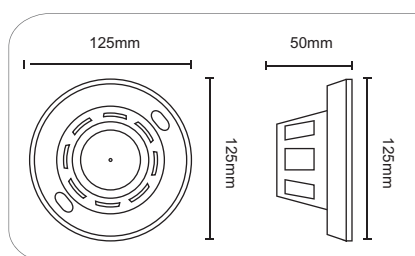
DS-392AHD37+



MODEL	DS-392AHD37+
Image Sensor	1/3" Sony 2MP Sensor
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	3.7mm Pinhole Lens
Power	DC12V±10%, ~72mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	Ø125x50mm
Net weight	85g

Main Features:

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



HD ANALOG HIDDEN IR CAMERA DUMMY PIR HOUSING

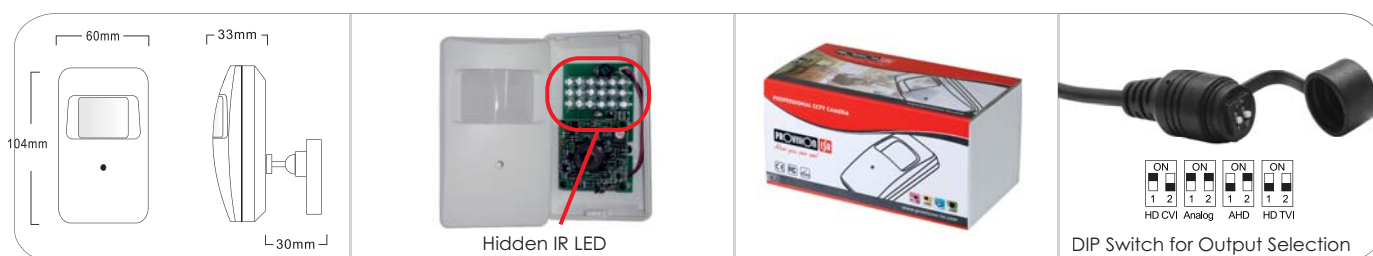
IV-390AHD37+



MODEL	IV-390AHD37+
Image Sensor	1/3" Sony 2MP Sensor
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	3.7mm Pinhole Lens
Power	DC12V±10%, ~212mA
Operation Temp.	-10°C~+50°C
Waterproof	No
Dimension	104*60*66mm
Net weight	94g

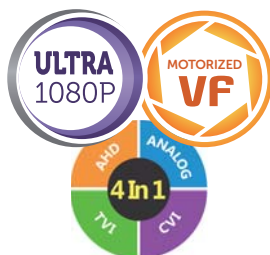
Main Features:

Sensor: 1/3" Sony, 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



HD ANALOG IR DOME CAMERA VARI-FOCAL LENS

DI-390AHDU-MVF



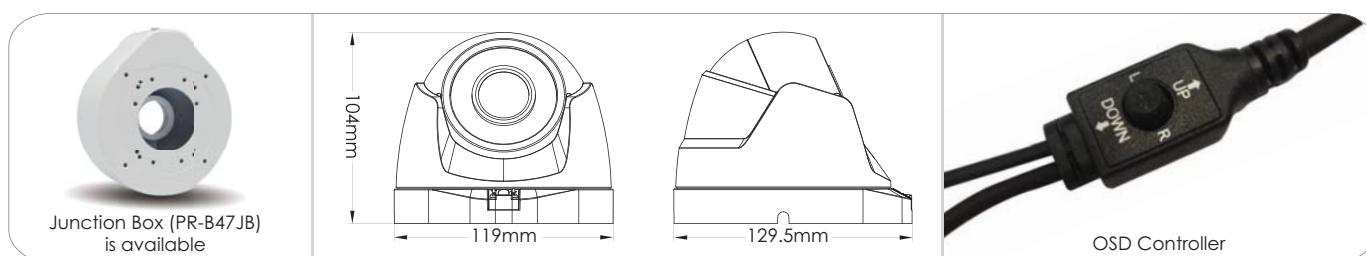
MODEL	DI-390AHDU-MVF+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1105(V)
Scanning System	Progressive
Resolution	Digital:1920x1080 + Analog:960H*
Min. Illumination	0.1Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (25m)
OSD Menu	Available
CoC Support	Yes
Day & Night Mode	EXT, Color, B&W, Auto
Backlight Compensation	Off/BLC/HLC/True WDR** (AHD 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 (While WDR off)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens	2.8-12mm Motorized with Auto-Focus
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" Sony, 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** (AHD Only)
 IR Range: 25m (3 Array LED)
 IP66
 CoC Support
 Weight: 476g
 Power: DC 12V, ~400mA

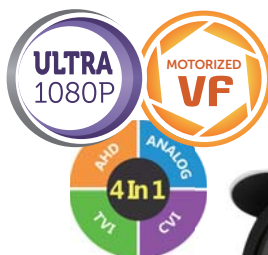
*Analog video output is not available while WDR is on.

**WDR works at 12/15FPS



HD ANALOG IR BULLET CAMERA VARI-FOCAL LENS

I4-390AHDU-MVF+



MODEL	I4-390AHDU-MVF+
Image Sensor	1/3" Sony 2MP Sensor
Effective Pixels	1984(H)×1105(V)
Scanning System	Progressive
Resolution	Digital:1920x1080 + Analog:960H*
Min. Illumination	0.1Lux
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** (AHD 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 (While WDR off)
Defog	Off/On
Privacy Mask	On/Off (4 Areas)
Motion Detection	On/Off (4 Areas)
D-Effect	Freeze, Mirror, Negative Image
Lens	2.8-12mm Motorized with Auto-Focus
Power	DC12V±10%, ~480mA
Operation Temp.	-30°C~+50°C
Waterproof	IP66
Dimension	286*77*85.6mm
Net weight	836g

*Analog video output is not available while WDR is on.

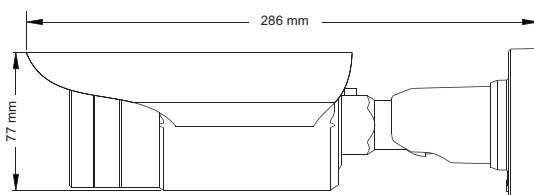
**WDR works at 12/15FPS

Main Features:

Sensor: 1/3" Sony, 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** (AHD 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 Cameras Compare Table



1080P					
ECO AHD					
Model Name	DI-390AHDE36+	DI-390AHDEVF+	I1-390AHDE36+	I3-390AHDE36+	I4-390AHDEVF+
Image Sensor	1/3" 2MP Sensor				
Effective Pixels	1928(H)×1088(V)				
Scanning System	Progressive				
Resolution	Digital:1920×1080P, Analog:960H				
Min. Illumination	0.1Lux / (0Lux IR On)				
Day & Night	True Day&Night (ICR)				
IR LED	24 LED (15m)	36 LED (25m)	24 LED (15m)	36 LED (25m)	42 LED (35m)
OSD Menu	Available in AHD/CVI/TVI Only via CoC				
Day & Night Mode	EXT, Color, B&W, Auto				
Backlight Compensation	Off/BLC/HSBLC				
S/N Ratio	≥48dB (AGC Off)				
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB				
Noise Reduce	2D-DNR				
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP switch on cable)				
Defog	Off/On				
Privacy Mask	Not Available				
Motion Detection	Not Available				
D-Effect	Not Available				
Lens	3.6mm	2.8-12mm	3.6mm	3.6mm	2.8-12mm
Power	DC12V±10%, ~280mA	DC12V±10%, ~250mA	DC12V±10%, ~190mA	DC12V±10%, ~360mA	DC12V±10%, ~380mA
Operation temp.	-30℃~+50℃				
Waterproof	IP66				
Dimension	104*70.8*93.2mm	129.5*90*119mm	163*60*60mm	206.5*67.6*68.5mm	286*77*85.6mm
Net weight	269g	476g	275g	380g	836g



1080P

Pro AHD

BX-392AHD	DI-390AHD28+	DI-390AHD36+	DI-390AHDVF+	DAI-390AHDVF+	I3-390AHD36+	I4-390AHDVF+
1/3" Sony 2MP Sensor						
1984(H)×1225(V)						
Progressive						
Digital: 1920×1080P, Analog: 960H						
0.01Lux / (0Lux IR On)						
True Day&Night (ICR)						
N/A	19 Wide angle LED (15m)	2 LED Array (15m)	3 LED Array (25m)	35 LED (20m)	3 LED Array (25m)	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	3.6mm	3.6mm	2.8-12mm	2.8-12mm	3.6mm	2.8-12mm
DC12V±10%, ~100mA	DC12V±10%, ~310mA	DC12V±10%, ~310mA	DC12V±10%, ~400mA	DC12V±10%, ~250mA	DC12V±10%, ~410mA	DC12V±10%, ~480mA
-10℃~+50℃	-30℃~+50℃					
No	IP66					
123.5x63.7x65mm	104*70.8*93.2mm	104*70.8*93.2mm	129.5*90*119mm	Φ145×119.5mm	206.5*67.6*68.5mm	286*77*85.6mm
300g	269g	269g	476g	810g	380g	836g

HD Analog Cameras Compare Table



1080P				
PRO AHD (Hidden)				
Model Name	MC-392AHD37+	DL-392AHD37+	DS-392AHD37+	IV-390AHD37+
Image Sensor	1/3" Sony 2MP Sensor			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Resolution	Digital:1920×1080P, Analog:960H			
Min. Illumination	0.01Lux			0.01Lux / (0Lux IR On)
Day & Night	True Day&Night (ICR)			
IR LED	No	No	No	18 LED (10m)
OSD Menu	Available on AHD/CVI/TVI Only via CoC (11 Languages)			
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 Digital / 2D-DNR for CVBS			
Video Output	AHD / CVI / TVI / CVBS (Signal Selectable via DIP switch)			
Defog	Off/On			
Privacy Mask	On/Off (4 Areas)			
Motion Detection	On/Off (4 Areas)			
D-Effect	Freeze, Mirror, Negative Image			
Lens	3.7mm Pinhole			
Power	DC12V±10%, ~72mA	DC12V±10%, ~72mA	DC12V±10%, ~72mA	DC12V±10%, ~212mA
Operation temp.	-10℃~+50℃ (-4°F~122°F)			
Waterproof	No			
Dimension	35*35*10mm	Ø90*55mm	Ø125x50mm	104*60*66mm
Net weight	90g	210g	85g	94g



1080P

Ultra AHD

DI-390AHDU-MVF+

I4-390AHDU-MVF+

1/3" Sony 2MP Sensor

1984(H)×1105(V)

Progressive

Digital:1920x1080 + Analog:960H*

0.1Lux / (0Lux IR On)

True Day&Night (ICR)

3 LED Array (25m)

4 LED Array (40m)

Available for AHD / CVI / TVI via CoC/OSD Controller

EXT, Color, B&W, Auto

Off/BLC/HLC/True WDR* (AHD Only)

≥60dB (AGC Off)

ATW,AWC,Indoor,Outdoor,Manual,AWB

3D-DNR For Digital / 2D-DNR For CVBS*

AHD / CVI / TVI (Selectable via OSD Controller) + CVBS (While WDR off)

Off/On

On/Off (4 Areas)

On/Off (4 Areas)

Freeze, Mirror, Negative Image

2.8-12mm Motorized with Auto-Focus

DC12V±10%, ~400mA

DC12V±10%, ~480mA

-30℃~+50℃

IP66

129.5*90*119mm

206.5*67.6*68.5mm

476g

380g

*Analog video output is not available while WDR is on.



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.

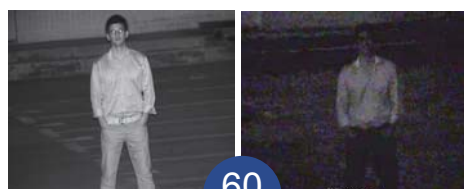
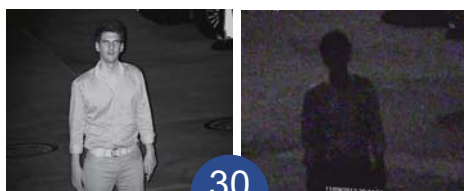


The Ultra-Z IR Speed Dome Series

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.

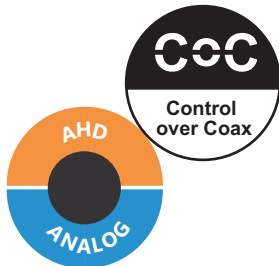
These IR cameras are equipped with integral 7 LED array divided into 3 groups providing different illumination angles and distances. This was designed to provide flawless illumination coverage at any focal position from the widest scene to the narrowest. Each LED group will turn on/off on it's on, to 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 AHD

Z-20AHD-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
- Alarm (I/O): 1 Input / 1 Output
- Full function OSD Menu
- IP66 protection.
- x20 Optical zoom
- HD Resolution
- Analog Output
- 100m Intelligent IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support



Camera Specification

		Ultra-Z
Model		Z-20AHD-2 (IR)
CCD		1/3" CMOS
Resolution	AHD	2MP (1920x1080)
	Analog	800TVL
Optical Zoom		x20 (4.3-87mm)
Digital Zoom		Yes
Minimum Focus Distance		1.5M
Horizontal Angle of View		H: 58.3° (Wide) to 3.2° (Tele) V: 45.4° (Wide) to 2.4° (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
Flickerness		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	Pelco-D or Pelco-P
Baud Rates	2400, 4800, 9600
Camera ID	1 - 255
Alarm I/O	1 Input , 1 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 / No
Sunshield	Yes
Humidity range	<90%
Power Supply	12VDC/5A
Operation temperature	-20°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

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
- HD Resolution
- 60m Intelligent IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support



Camera Specification

		Ultra-Z
Model		Z-10AHD-2 (IR)
CCD		1/3" CMOS
Resolution	AHD	2MP (1920x1080)
	Analog	Not Supported
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
Fllickerness		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 (Proportional 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

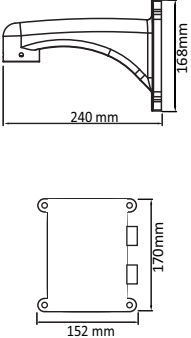
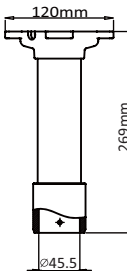
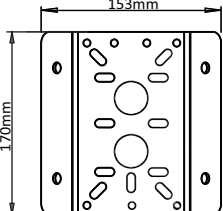
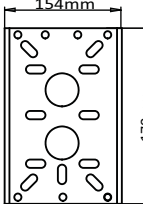
Data Type	CoC* (Control over Coax) RS-485
Protocols	Pelco-D or Pelco-P
Baud Rates	2400, 4800, 9600
Camera ID	1 - 255
Alarm I/O	No
On Screen Display	OSD menu, Camera position, Dome ID, Preset / Pattern tour status

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

Z-20AHD(IR) Optional Brackets

	Standard Wall Bracket  Provided with the Camera	Ceiling Bracket  Model: PR-B40C	
	External Corner Bracket  Model: PR-B40EC	Pole Mount Bracket  Model: PR-B40P	

AHD PTZ Model Name Index

PTZ

Z

-

ZOOM RATIO

XX

20

TECHNOLOGY

XXX

AHD

-

RESOLUTION

O

1

SPECIAL FEAT.

OR

I R

Example

Category	
Symbol	Description
Z	Ultra-Z PTZ

Zoom Ratio	
Symbol	Description
10	x10 Optical Zoom
20	x20 Optical Zoom
30	x30 Optical Zoom

Technology	
Symbol	Description
AHD	AHD

Resolution	
Symbol	Description
1	720P
2	1080P
3	3MP

Special Features	
Symbol	Description
IR	IR Illumination

PAN/TILT IR BULLET CAMERA WITH MOTORIZED VF LENS

I5PT-390AHDX10

I5PT-390AHDX4



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
- HD Resolution
- 50m IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support

Camera Specification

		I5-PTZ	
Model		I5PT-390AHDX10	I5PT-390AHDX4
CCD		1/3" CMOS	
Resolution	AHD	2MP (1920x1080)	
	Analog	Not Supported	
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)	81.2°(Wide) to 22.6°(Tele)
		V: 29.7°(Wide) to 3°(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	
Flickerness		No	



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	No

Communication Specification

Data Type	CoC* (Control over Coax), RS-485
Protocols	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

STANDALONE DVR Series

HD Analog DVRs

Small 1U Case



2U Case



Mini Metal Case

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.

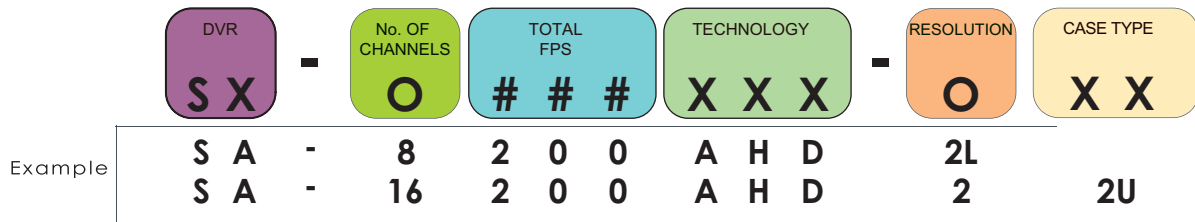
Provision-ISR DVRs are made of the highest quality components and adapted to work in a wide-range of different conditions and applications. All of our DVRs stand out for their “full feature” operating system with

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.



DVR Model Name Index



DVR Type

Symbol	Description
SA	Standalone

Technology

Symbol	Description
AHD	HD Analog

No. of Channels

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

Resolution

Symbol	Description
1	720P
2L	1080P Lite
2	1080P

Total FPS

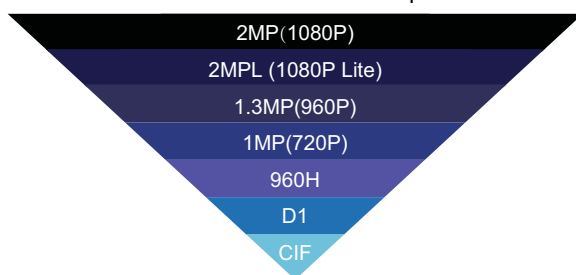
Symbol	Description
50	50 FPS (PAL) / 60 FPS (NTSC)
100	100 FPS (PAL) / 120 FPS (NTSC)
200	200 FPS (PAL) / 240 FPS (NTSC)
400	400 FPS (PAL) / 480 FPS (NTSC)
800	800 FPS (PAL) / 960 FPS (NTSC)

Case Type

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

Understanding the Resolution Markings

HD Resolutions are like an 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 DVR supports 2MP (Real-Time) it will support 2MPL and 1.3MP (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.

2MP

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

4 CH 3in1 + 1 CH IP Hybrid DVR

SA-4050AHD-2+



1080P Lite 1080P

1080P



MODEL		SA-4050AHD-2+	
System	Compression Format	High profile H.264	
	ONVIF	Yes	
	Format	Tribrid AHD / TVI / CVBS + IP	
Video	Input	4CH Standard BNC + 1CH IP (Over Network)	
	Standard Output	HDMI, VGA (800x600, 1024x768), CVBS(Spot)	
Audio	Input	4CH	
	Output	1CH	
	Two Way Audio	Yes	
Recording	AHD + TVI	Real-Time Recording	4CH 1080P Half Real-Time
		2MP (1080P)	60FPS (NTSC)/50FPS (PAL) Total. Up to 15/12FPS Per Channel
		2MPL (1080P Lite)	120FPS (NTSC)/100FPS (PAL)
		1MP (720P)	120FPS (NTSC)/100FPS (PAL)
	Analog	Real-Time Recording	4CH 960H Real-Time
		960H	120FPS (NTSC)/100FPS (PAL)
		D1	No
		CIF	No
	IP	Real-Time Recording	1CH 1080P Real-Time
		3MP	No
		2MP (1080P)	30FPS (NTSC)/25FPS (PAL)
		1.3MP (960P)	30FPS (NTSC)/25FPS (PAL)
		1MP (720P)	30FPS (NTSC)/25FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor
Playback	AHD/TVI/CVBS Playback		4CH
	IP Playback		1CH
	Search Mode		Time, Event, File Management
Backup	USB		2 USB 2.0 Port
	DVD Burner		No
	Backup Format		AVI/DAT
Remote Application	AHD Stream		Master Stream 1-25/30FPS@720P / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P
	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 4Ch@Recording Resolution
	Browser		IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
	CMS		Yes
	Mobile Application		Provision Cam2 for iOS/Android
	User Access		10 Users Online with Professional Authority Management
Alarm	Input		4CH
	Output		1CH
Storage	HDD		1 SATA (6TB)
	E-SATA		No
PTZ	Connection		RS-485 / CoC
	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, P2P
Others	Dimention		W300xD250xH45mm
	IR Controller		Yes
	Power Supply		12V/2A
	Operation Temperature		0°C ~50°C

4 CH AHD DVR

SA-4100AHD-2L (MM)



1080P Lite



MODEL			SA-4100AHD-2L(MM)
System		Compression Format	High profile H.264
		ONVIF	Yes (For IP Channels)
		Format	AHD / CVBS
Video		Input	4CH Standard BNC
		Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024)
Audio		Input	1CH
		Output	1CH
		Two Way Audio	Yes
Recording	AHD	Real-Time Recording	4CH 1080P Lite Real-Time
		2MP (1080P)	No
		2MPL (1080P Lite)	120FPS (NTSC)/100FPS (PAL)
		1MP (720P)	120FPS (NTSC)/100FPS (PAL)
	Analog	Real-Time Recording	4CH 960H Real-Time
		960H	120FPS (NTSC)/100FPS (PAL)
		D1	No
		CIF	No
	IP	Real-Time Recording	No
		3MP	No
		2MP (1080P)	No
		1.3MP (960P)	No
		1MP (720P)	No
	General	Recording Modes	Schedule, Manual, Motion
Playback		AHD/TVI/CVBS Playback	4CH
		IP Playback	No
		Search Mode	Time, Event, File Management
Backup		USB	2 USB 2.0 Port
		DVD Burner	No
		Backup Format	AVI/DAT
Remote Application		AHD Stream	Master Stream 1-25/30FPS@1080P Lite; Sub-Stream 1-12/15@CIF
		Analog Stream	Master Stream 1-25/30FPS@960H; Sub-Stream 1-12/15@CIF
		IP Stream	No
		Master Stream	Up to 4CH@Recording Resolution
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
		User Access	10 Users Online with Professional Authority Management
Alarm		Input	No
		Output	No
Storage		HDD	1 SATA (6TB)
		E-SATA	No
PTZ		Connection	RS-485 / CoC
		Supported Protocols	Pelco D, Pelco P, Samsung, Visca, CoC
		Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
Network		Ethernet	100 Mbps (RJ-45)
		Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P
Others		Dimention	W255xD200xH43mm
		IR Controller	Yes
		Power Supply	12V/2A
		Operation Temperature	0°C ~50°C

8 CH 3in1 + 1 CH IP Hybrid DVR

SA-8100AHD-2+



1080P Lite 1080P 1080P 3MP



MODEL		SA-8100AHD-2+	
System	Compression Format	High profile H.264	
	ONVIF	Yes (For IP Channels)	
	Format	Tribrid AHD / TVI / CVBS + IP	
Video	Input	8CH Standard BNC + 1CH IP (Over Network)	
	Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024), CVBS (Spot)	
Audio	Input	4CH	
	Output	1CH	
	Two Way Audio	Yes	
Recording	AHD + TVI	Real-Time Recording	8CH 1080P Half Real-Time
		2MP (1080P)	120FPS (NTSC)/100FPS (PAL) Total. Up to 15/12FPS Per Channel
		2MPL (1080P Lite)	240FPS (NTSC)/200FPS (PAL)
		1MP (720P)	240FPS (NTSC)/200FPS (PAL)
	Analog	Real-Time Recording	8CH 960H Real-Time
		960H	240FPS (NTSC)/200FPS (PAL)
		D1	No
		CIF	No
	IP	Real-Time Recording	1CH 2MP Real-Time
		3MP	20FPS (NTSC)/18FPS (PAL)
		2MP (1080P)	30FPS (NTSC)/25FPS (PAL)
		1.3MP (960P)	30FPS (NTSC)/25FPS (PAL)
		1MP (720P)	30FPS (NTSC)/25FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor
Playback	AHD/TVI/CVBS Playback		4CH
	IP Playback		1CH
	Search Mode		Time, Event, File Management
Backup	USB		2 USB 2.0 Port
	DVD Burner		No
	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 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 4Ch@Recording Resolution
	Browser		IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
	CMS		Yes
	Mobile Application		Provision Cam2 for iOS/Android
	User Access		10 Users Online with Professional Authority Management
Alarm	Input		4CH
	Output		1CH
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, P2P
Others	Dimention		W300xD250xH45mm
	IR Controller		Yes
	Power Supply		12V/2A
	Operation Temperature		0°C ~50°C

8 CH AHD + 1 CH IP Hybrid DVR

SA-8100AHD-2L(MM)



1080P Lite

1080P



MODEL		SA-8100AHD-2L		
System		Compression Format	High profile H.264	
		ONVIF	Yes (For IP Channels)	
		Format	Hybrid AHD / CVBS + IP	
Video		Input	8CH AHD Standard BNC + 1CH IP (Over Network)	
		Standard Output	HDMI, VGA (1024x768), CVBS (Spot)	
Audio		Input	1CH	
		Output	1CH	
		Two Way Audio	Yes	
Recording	AHD	Recording	8CH 1080P Lite Half Real-Time	
		2MP (1080P)	No	
		2MPL (1080P Lite)	120FPS (NTSC)/100FPS (PAL) Total. Up to 15/12FPS Per Channel	
		1MP (720P)	120FPS (NTSC)/100FPS (PAL) Total. Up to 15/12FPS Per Channel	
	Analog	Recording	8CH 960H Real-Time	
		960H	240FPS (NTSC)/200FPS (PAL)	
		D1	No	
		CIF	No	
	IP	Recording	1CH 2MP Real-Time	
		3MP	No	
		2MP (1080P)	30FPS (NTSC)/25FPS (PAL)	
		1.3MP (960P)	30FPS (NTSC)/25FPS (PAL)	
		1MP (720P)	30FPS (NTSC)/25FPS (PAL)	
	General	Recording Modes	Schedule, Manual, Motion, Sensor	
	Playback		AHD/CVBS Playback	8CH
			IP Playback	1CH
Search Mode			Time, Event, File Management	
Backup		USB	2 USB 2.0 Port	
		DVD Burner	No	
		Backup Format	AVI/DAT	
Remote Application		AHD Stream	Master Stream 1-12/15FPS@720P/1080P Lite; Sub-Stream: Up to 1-12/15FPS@720P	
		Analog Stream	Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25/30FPS@960H	
		IP Stream	Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1	
		Master Stream	Up to 4Ch@Recording Resolution	
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)	
		CMS	Yes	
		Mobile Application	Provision Cam2 for iOS/Android	
		User Access	10 Users Online with Professional Authority Management	
Alarm		Input	No	
		Output	No	
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, P2P	
Others		Dimension	W255xD200xH43mm	
		IR Controller	Yes	
		Power Supply	12V/2A	
		Operation Temperature	0°C ~50°C	

8 CH AHD DVR

SA-8200AHD-2L (MM)



1080P Lite



MODEL		SA-8200AHD-2L(MM)	
System	Compression Format	High profile H.264	
	ONVIF	No	
	Format	AHD / CVBS	
Video	Input	8CH Standard BNC	
	Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024)	
Audio	Input	1CH	
	Output	1CH	
	Two Way Audio	Yes	
Recording	AHD	Recording	8CH 1080P Lite Real-Time
		2MP (1080P)	No
		2MPL (1080P Lite)	240FPS (NTSC)/200FPS (PAL)
		1MP (720P)	240FPS (NTSC)/200FPS (PAL)
	Analog	Recording	8CH 960H Real-Time
		960H	240FPS (NTSC)/200FPS (PAL)
		D1	No
		CIF	No
	IP	Recording	No
		3MP	No
		2MP (1080P)	No
		1.3MP (960P)	No
		1MP (720P)	No
	General	Recording Modes	Schedule, Manual, Motion
Playback	AHD/CVBS Playback	AHD/CVBS Playback	4CH
		IP Playback	No
		Search Mode	Time, Event, File Management
Backup	USB	USB	2 USB 2.0 Port
		DVD Burner	No
		Backup Format	AVI/DAT
Remote Application	AHD Stream	AHD Stream	Master Stream 1-25/30FPS@1080P Lite; Sub-Stream 1-12/15@CIF
		Analog Stream	Master Stream 1-25/30FPS@960H; Sub-Stream 1-12/15@CIF
		IP Stream	No
	Master Stream	Master Stream	Up to 1CH@Recording Resolution
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
		CMS	Yes
		Mobile Application	Provision Cam2 for iOS/Android
Alarm	User Access	User Access	10 Users Online with Professional Authority Management
		Input	No
Storage	Output	Output	No
		HDD	1 SATA (6TB)
PTZ	E-SATA	E-SATA	No
		Connection	RS-485 / CoC
		Supported Protocols	Pelco D, Pelco P, Samsung, Visca, CoC
Network	Supported Controls	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
		Ethernet	100 Mbps (RJ-45)
		Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P
Others	Dimension	Dimension	W255xD200xH43mm
		IR Controller	Yes
		Power Supply	12V/2A
		Operation Temperature	0°C ~50°C

16 CH AHD + 2 CH IP Hybrid DVR

SA-16200AHD-2L+



1080P Lite

960P



MODEL		SA-16200AHD-2L+		
System		Compression Format	High profile H.264	
		ONVIF	Yes (For IP Channels)	
		Format	Hybrid AHD / CVBS + IP	
Video		Input	16CH AHD Standard BNC/2CH IP Via Network	
		Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024), CVBS(Spot)	
Audio		Input	1CH	
		Output	1CH	
		Two Way Audio	Yes	
Recording	AHD	Recording	16CH 1080P Lite Half Real-Time	
		2MP (1080P)	No	
		2MPL (1080P Lite)	240FPS (NTSC)/200FPS (PAL) Up to 15/12FPS Per Channel	
		1MP (720P)	240FPS (NTSC)/200FPS (PAL) Up to 15/12FPS Per Channel	
	Analog	Recording	16CH 960H Real-Time	
		960H	480FPS (NTSC)/400FPS (PAL)	
		D1	No	
		CIF	No	
	IP	Recording	2CH 960P Real-Time	
		3MP	60FPS (NTSC)/50FPS (PAL)	
		2MP (1080P)	60FPS (NTSC)/50FPS (PAL)	
		1.3MP (960P)	60FPS (NTSC)/50FPS (PAL)	
		1MP (720P)	60FPS (NTSC)/50FPS (PAL)	
	General	Recording Modes	Schedule, Manual, Motion	
	Playback		AHD/CVBS Playback	8CH
			IP Playback	1CH
Search Mode			Time, Event, File Management	
Backup		USB	2 USB 2.0 Port	
		DVD Burner	No	
		Backup Format	AVI/DAT	
Remote Application		AHD Stream	Master Stream 1-12/15FPS@720P; Sub-Stream 1-12/15FPS@CIF	
		Analog Stream	Master Stream 1-25/30FPS@960H; Sub-Stream 1-12/15FPS@CIF	
		IP Stream	Master Stream 1-25/30FPS@3MP; Sub-Stream 1-25/30FPS@CIF	
		Master Stream	Up to 4CH@Recording Resolution	
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)	
		CMS	Yes	
		Mobile Application	Provision Cam2 for iOS/Android	
Alarm		User Access	10 Users Online with Professional Authority Management	
		Input	No	
Storage		Output	No	
		HDD	1 SATA (6TB)	
PTZ		E-SATA	No	
		Connection	RS-485 / CoC / IP-Via network	
		Supported Protocols	Pelco D, Pelco P, Samsung, Visca, CoC, ONVIF	
Network		Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus	
		Ethernet	100 Mbps (RJ-45)	
Others		Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P	
		Dimention	W300xD260xH55mm	
		IR Controller	Yes	
		Power Supply	12V/3A	
		Operation Temperature	0°C ~50°C	

16 CH 3in1 + 8 CH IP Hybrid DVR

SA-16200AHD-2 (1U)+



1080P Lite 1080P 1080P 3MP



MODEL		SA-16200AHD-2(1U)+	
System	Compression Format	High profile H.264	
	ONVIF	Yes (For IP Channels)	
	Format	Tribrid AHD / TVI / CVBS + IP	
Video	Input	16CH Standard BNC + 8CH IP (Over Network)	
	Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024), CVBS	
Audio	Input	4CH	
	Output	1CH	
	Two Way Audio	Yes	
Recording	AHD + TVI	Real-Time Recording	16CH 1080P Half Real-Time
		2MP (1080P)	240FPS (NTSC)/200FPS (PAL). Up to 15/12FPS Per Channel
		2MPL (1080P Lite)	480FPS (NTSC)/400FPS (PAL)
		1MP (720P)	480FPS (NTSC)/400FPS (PAL)
	Analog	Real-Time Recording	16CH 960H Real-Time
		960H	480FPS (NTSC)/400FPS (PAL)
		D1	No
	IP	CIF	No
		Real-Time Recording	8CH 1080P Real-Time
		3MP	180FPS (NTSC)/150FPS (PAL) Total.
		2MP (1080P)	240FPS (NTSC)/200FPS (PAL)
		1.3MP (960P)	240FPS (NTSC)/200FPS (PAL)
		1MP (720P)	240FPS (NTSC)/200FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor
Playback	AHD/TVI/CVBS Playback		8CH
	IP Playback		1CH
	Search Mode		Time, Event, File Management
Backup	USB		2 USB 2.0 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		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1
	Master Stream		Up to 4Ch@Recording Resolution
	Browser		IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)
	CMS		Yes
	Mobile Application		Provision Cam2 for iOS/Android
	User Access		10 Users Online with Professional Authority Management
Alarm	Input		4CH
	Output		1CH
Storage	HDD		2 SATA (6TB Each)
	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, P2P
Others	Dimension		W375xD275xH45mm
	IR Controller		Yes
	Power Supply		DC12V/4A
	Operation Temperature		0°C ~50°C

16 CH AHD + 2 CH IP Hybrid DVR

SA-16200AHD-2L (1U)



1080P Lite

960P



MODEL		SA-16200AHD-2L (1U)		
System		Compression Format	High profile H.264	
		ONVIF	Yes (For IP Channels)	
		Format	Hybrid AHD / CVBS + IP	
Video		Input	16CH AHD Standard BNC/2CH IP Via Network	
		Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024)	
Audio		Input	4CH	
		Output	1CH	
		Two Way Audio	Yes	
Recording	AHD	Recording	16CH 1080P Lite Half Real-Time	
		2MP (1080P)	No	
		2MPL (1080P Lite)	240FPS (NTSC)/200FPS (PAL) Up to 15/12FPS Per Channel	
		1MP (720P)	240FPS (NTSC)/200FPS (PAL) Up to 15/12FPS Per Channel	
	Analog	Recording	16CH 960H Real-Time	
		960H	480FPS (NTSC)/400FPS (PAL)	
		D1	No	
		CIF	No	
	IP	Recording	2CH 960P Real-Time	
		3MP	No	
		2MP (1080P)	No	
		1.3MP (960P)	60FPS (NTSC)/50FPS (PAL)	
		1MP (720P)	60FPS (NTSC)/50FPS (PAL)	
	General	Recording Modes	Schedule, Manual, Motion	
	Playback		AHD/CVBS Playback	8CH
			IP Playback	1CH
Search Mode			Time, Event, File Management	
Backup		USB	2 USB 2.0 Port	
		DVD Burner	No	
		Backup Format	AVI/DAT	
Remote Application		AHD Stream	Master Stream 1-12/15FPS@720P; Sub-Stream 1-12/15FPS@CIF	
		Analog Stream	Master Stream 1-25/30FPS@960H; Sub-Stream 1-12/15FPS@CIF	
		IP Stream	Master Stream 1-25/30FPS@960P; Sub-Stream 1-25/30FPS@CIF	
		Master Stream	Up to 4CH@Recording Resolution	
		Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)	
		CMS	Yes	
		Mobile Application	ProvisionCAM for iPhone/Android; ProvisionHD for iPad/Android Tablet	
		User Access	10 Users Online with Professional Authority Management	
Alarm		Input	16	
		Output	1	
Storage		HDD	2 SATA (6TB Each)	
		E-SATA	No	
PTZ		Connection	RS-485 / CoC / IP-Via network	
		Supported Protocols	Pelco D, Pelco P, Samsung, Visca, CoC, ONVIF	
		Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus	
Network		Ethernet	100 Mbps (RJ-45)	
		Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P	
Others		Dimention	W430xD300xH55mm	
		IR Controller	Yes	
		Power Supply	12V/4A	
		Operation Temperature	0°C ~50°C	

16 CH AHD + 8 CH IP Hybrid DVR

SA-16200AHD-2 (2U)*



720P 1080P

1080P 3MP



*The DVR can work in Either 16Ch Half Real-Time or 8Ch Real-Time. It cannot be mixed!

MODEL		SA-16200AHD-2 (2U) - Half Real-Time Mode	SA-16200AHD-2 (2U) - Real-Time Mode	
System	Compression Format	High profile H.264		
	ONVIF	Yes (For IP Channels)		
	Format	Hybrid AHD / CVBS + IP		
Video	Input	16CH AHD Standard BNC + 8CH IP (Over Network)	8CH AHD Standard BNC + 4CH IP (Over Network)	
	Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024)		
Audio	Input	16CH	8CH	
	Output	1CH		
	Two Way Audio	Yes		
Recording	AHD	Recording	16CH 1080P Half Real-Time	8CH 1080P Real-Time
		2MP (1080P)	240FPS (NTSC)/200FPS (PAL). Up to 15/12FPS	240FPS (NTSC)/200FPS (PAL)
		2MPL (1080P Lite)	No	
		1MP (720P)	480FPS (NTSC)/400FPS (PAL)	240FPS (NTSC)/200FPS (PAL)
	Analog	Recording	16CH 960H Real-Time	8CH 960H Real-Time
		960H	480FPS (NTSC)/400FPS (PAL)	240FPS (NTSC)/200FPS (PAL)
		D1	No	
		CIF	No	
	IP	Recording	8CH 1080P Real-Time	8CH 1080P Real-Time
		3MP	180FPS (NTSC)/150FPS (PAL) Total.	90FPS (NTSC)/74FPS (PAL) Total.
		2MP (1080P)	240FPS (NTSC)/200FPS (PAL)	120FPS (NTSC)/100FPS (PAL)
		1.3MP (960P)	240FPS (NTSC)/200FPS (PAL)	120FPS (NTSC)/100FPS (PAL)
		1MP (720P)	240FPS (NTSC)/200FPS (PAL)	120FPS (NTSC)/100FPS (PAL)
	General	Recording Modes	Schedule, Manual, Motion, Sensor	
	Playback	AHD/CVBS Playback	8CH	4CH
IP Playback		1CH		
Search Mode		Time, Event, File Management		
Backup	USB	2 USB 2.0 Port		
	DVD Burner	Optional		
	Backup Format	AVI/DAT		
Remote Application	AHD Stream	Master & Sub-Stream: Up to 1-12/15FPS@1080P	Master & Sub-Stream: Up to 1-25/30FPS@1080P	
	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 4Ch@Recording Resolution		
	Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)		
	CMS	Yes		
	Mobile Application	Provision Cam2 for iOS/Android		
Alarm	User Access	10 Users Online with Professional Authority Management		
	Input	16CH	8CH	
Storage	Output	4CH		
	HDD	8 SATA (6TB Each)		
PTZ	E-SATA	1		
	Connection	RS-485 / CoC / IP-Over Network		
	Supported Protocols	Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC		
Network	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus		
	Ethernet	1000 Mbps (RJ-45)		
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P		
Others	Dimention	W430xD450xH89mm		
	IR Controller	Yes		
	Power Supply	AC110V/220V		
	Operation Temperature	0°C ~50°C		

32 CH AHD DVR

SA-32400AHD-2 (2U)*


720P 1080P


*The DVR can work in Either 16Ch Half Real-Time or 8Ch Real-Time. It cannot be mixed!

MODEL		SA-32400AHD-2 (2U) - Half Real-Time Mode	SA-32400AHD-2 (2U) - Real-Time Mode	
System	Compression Format	High profile H.264		
	ONVIF	No		
	Format	AHD / CVBS		
Video	Input	16CH AHD Standard BNC	8CH AHD Standard BNC	
	Standard Output	HDMI, VGA (800x600, 1024x768, 1280x1024)		
Audio	Input	16CH		
	Output	1CH		
	Two Way Audio	Yes		
Recording	AHD	Recording	32CH 1080P Half Real-Time	16CH 1080P Real-Time
		2MP (1080P)	480FPS (NTSC)/400FPS (PAL). Up to 15/12FPS	
		2MPL (1080P Lite)	No	
		1MP (720P)	960FPS (NTSC)/800FPS (PAL)	480FPS (NTSC)/400FPS (PAL)
	Analog	Recording	32CH 960H Real-Time	16CH 960H Real-Time
		960H	480FPS (NTSC)/400FPS (PAL)	240FPS (NTSC)/200FPS (PAL)
		D1	No	
		CIF	No	
	IP	Recording	No	
		3MP	No	
		2MP (1080P)	No	
		1.3MP (960P)	No	
		1MP (720P)	No	
	General	Recording Modes	Schedule, Manual, Motion, Sensor	
	Playback	AHD/CVBS Playback	8CH	4CH
		IP Playback	No	
Search Mode		Time, Event, File Management		
Backup	USB	2 USB 2.0 Port		
	DVD Burner	Optional		
	Backup Format	AVI/DAT		
Remote Application	AHD Stream	Master & Sub-Stream: Up to 1-12/15FPS@1080P	Master & Sub-Stream: Up to 1-25/30FPS@1080P	
	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 4Ch@Recording Resolution		
	Browser	Supported		
	CMS	Yes		
	Mobile Application	Provision Cam2 for iOS/Android		
	User Access	10 Users Online with Professional Authority Management		
Alarm	Input	16CH		
	Output	4CH		
Storage	HDD	8 SATA (6TB Each)		
	E-SATA	1		
PTZ	Connection	RS-485 / CoC		
	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, P2P		
Others	Dimention	W430xD450xH89mm		
	IR Controller	Yes		
	Power Supply	AC110V/220V		
	Operation Temperature	0°C ~50°C		

AHD DVRs Compare Table

Model Name		SA-4050AHD-2+	SA-4100AHD-2L(MM)	SA-8100AHD-2+	SA-8100AHD-2L(MM)
Format		1080P Hybrid	1080P Lite	1080P Hybrid	1080P Lite
Input		4CH AHD/TVI + 1CH IP	4CH AHD	8CH AHD + 4CH IP	8CH AHD
Playback Channels		4	4	4	4
Remote Playback Channels		4	1	4	1
Live Preview While Playback		No	No	No	No
Loop		No	No	No	No
Image Capture		Yes	Yes	Yes	Yes
Output Type		VGA,HDMI,CVBS	VGA,HDMI	VGA,HDMI,CVBS	VGA,HDMI
Dual Display		Yes	Yes	Yes	Yes
Case		Small 1U	Mini Metal	Small 1U	Mini Metal
Audio Input		4	1	4	1
Audio Output		1	1	1	1
Two Way Audio		Yes	Yes	Yes	Yes
Mic In		No	No	No	No
Alarm In		4	No	4	No
Alarm Out		1	No	1	No
PTZ Control		RS-485/CoC/IP Via network	RS-485 / CoC	RS-485/CoC/IP Via network	RS-485 / CoC
Analog	Recording CIF	No	No	No	No
	Recording Channels CIF	No	No	No	No
	Recording D1	No	No	No	No
	Recording Channels D1	No	No	No	No
	Recording 960H	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	100/120 FPS (Total)
	Recording Channels 960H	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 12/15 FPS
HD Analog	Recording 720P	100/120 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	100/120 FPS (Total)
	Recording Channels 720P	4ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 12/15 FPS
	Recording 1080P Lite	No	100/120 FPS (Total)	No	100/120 FPS (Total)
	Recording Channels 1080P Lite	No	4ch @ 25/30 FPS	No	8ch @ 12/15 FPS
	Recording 1080P	50/60 FPS (Total)	No	100/120 FPS (Total)	No
	Recording Channels 1080P	4ch @ 12/15 FPS	No	8ch @ 12/15 FPS	No
IP	Recording 720P	25/30 FPS (Total)	No	100/120 FPS (Total)	No
	Recording Channels 720P	1ch @ 25/30 FPS	No	4ch @ 25/30 FPS	No
	Recording 960P	25/30 FPS (Total)	No	100/120 FPS (Total)	No
	Recording Channels 960P	1ch @ 25/30 FPS	No	4ch @ 25/30 FPS	No
	Real-Time 960P	1Ch	No	4Ch	No
	Recording 1080P	25/30 FPS (Total)	No	100/120 FPS (Total)	25/30 FPS (Total)
	Recording Channels 1080P	1ch @ 25/30 FPS	No	4ch @ 25/30 FPS	1ch @ 25/30 FPS
	Real-Time 1080P	1Ch	No	4Ch	1Ch
	Recording 3MP	No	No	100/120 FPS (Total)	No
	Recording Channels 3MP	No	No	4ch @ 25/30 FPS	No
H.264 Compression		High profile	High profile	High profile	High profile
HDD		1(6TB)	1(6TB)	1(6TB)	1(6TB)
HDD USB Port		2	2	2	2
E-SATA		No	No	No	No
Ethernet		100Mbps	100Mbps	100Mbps	100Mbps
DVD Burner		No	No	No	No
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
AHD		1-12/15 FPS @ 1080P	1-25/30 FPS @ 1080P Lite	1-12/15 FPS @ 1080P	1-12/15 FPS @ 1080P Lite
IP		1-25/30 FPS @ 1080P	No	1-25/30 FPS @ 3MP	1-25/30FPS @ 1080P
Number of Master Stream Channels over Network		4	4	4	4
Analog	Network Stream (Up To)	1-25/30 FPS @ CIF	1-6/7 FPS @ CIF	1-25/30 FPS @ CIF	1-12/15 FPS @ CIF
AHD		1-25/30 FPS @ CIF/D1	1-6/7 FPS @ CIF	1-25/30 FPS @ CIF/D1	1-12/15 FPS @ CIF
		1-25/30 FPS @ 720P		1-25/30 FPS @ 720P	
IP		1-25/30 FPS @ CIF/D1	No	1-25/30 FPS @ CIF/D1	1-25/30 FPS @ CIF/D1
		1-10/11 FPS @ 720P		1-10/11 FPS @ 720P	1-10/11 FPS @ 720P
Max Simultaneous Users		10	10	10	10
IR Remote		Yes	Yes	Yes	Yes
IR Extention		No	No	Optional	No
Mouse		Yes	Yes	Yes	Yes
Power Supply		DC12V/2A	DC12V/2A	DC12V/2A	DC12V/2A

SA-8200AHD-2L(MM)	SA-16200AHD-2L+	SA-16200AHD-2L (1U)	SA-16200AHD-2(1U)+
1080P Lite	1080P Lite Hybrid	1080P Lite Hybrid	1080P Hybrid
8CH AHD	16CH AHD + 2CH IP	16CH AHD + 2CH IP	16CH AHD/TVI + 8CH IP
4	8	8	8
1	4	4	4
No	No	No	No
No	No	No	No
Yes	Yes	Yes	Yes
VGA,HDMI	VGA,HDMI, CVBS(Spot)	VGA,HDMI	VGA,HDMI,CVBS
Yes	Yes	Yes	Yes
Mini Metal	Small 1U	1U	1U
1	1	4	4
1	1	1	1
Yes	Yes	Yes	Yes
No	No	No	No
No	No	16	4
No	No	1	1
RS-485 / CoC	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network	RS-485/CoC/IP Via network
No	No	No	No
No	No	No	No
No	No	No	No
No	No	No	No
200/240 FPS (Total)	400/480 FPS (Total)	400/480 FPS (Total)	400/480 FPS (Total)
8ch @ 25/30 FPS	16ch @ 25/30 FPS	16ch @ 25/30 FPS	16ch @ 25/30 FPS
200/240 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
8ch @ 25/30 FPS	16ch @ 12/15 FPS	16ch @ 12/15 FPS	16ch @ 25/30 FPS
200/240 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
8ch @ 25/30 FPS	16ch @ 12/15 FPS	16ch @ 12/15 FPS	16ch @ 25/30 FPS
No	No	No	200/240 FPS (Total)
No	No	No	16ch @ 12/15 FPS
No	50/60 FPS (Total)	50/60 FPS (Total)	200/240 FPS (Total)
No	2ch @ 25/30 FPS	2ch @ 25/30 FPS	8ch @ 25/30 FPS
No	50/60 FPS (Total)	50/60 FPS (Total)	200/240 FPS (Total)
No	2ch @ 25/30 FPS	2ch @ 25/30 FPS	8ch @ 25/30 FPS
No	2Ch	2Ch	8Ch
No	50/60 FPS (Total)	No	200/240 FPS (Total)
No	2ch @ 25/30 FPS	No	8ch @ 25/30 FPS
No	2Ch	No	8Ch
No	50/60 FPS (Total)	No	150/180 FPS (Total)
No	2ch @ 25/30 FPS	No	8ch @ 18/22 FPS
No	2Ch	No	6Ch
High profile	High profile	High profile	High profile
1(6TB)	1(6TB)	2(6TB Each)	2(6TB Each)
2	2	2	2
No	No	No	No
100Mbps	100Mbps	100Mbps	100Mbps
No	No	No	No
1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H	1-25/30 FPS @ 960H
1-12/15 FPS @ 1080P Lite	1-25/30 FPS @ 1080P Lite	1-25/30 FPS @ 1080P Lite	1-12/15FPS@1080P
No	No	No	1-25/30 FPS @ 3MP
4	1	1	4
1-12/15 FPS @ CIF	1-12/15 FPS @ CIF	1-12/15 FPS @ CIF	1-25/30 FPS @ CIF
1-12/15 FPS @ CIF	1-12/15 FPS @ CIF	1-12/15 FPS @ CIF	1-25/30 FPS @ CIF/D1/720P
No	1-25/30 FPS @ CIF/D1	1-25/30 FPS @ CIF/D1	1-12/15FPS@1080P
No	1-10/11 FPS @ 720P	1-10/11 FPS @ 720P	1-25/30 FPS @ CIF/D1
10	10	10	1-10/11 FPS @ 720P
Yes	Yes	Yes	10
No	Optional	Optional	Yes
Yes	Yes	Yes	Optional
DC12V/2A	DC12V/2A	DC12V/4A	Yes
			DC12V/4A

AHD DVRs Compare Table

Model Name		SA-16200AHD-2 (2U)		SA-32400AHD-2 (2U)	
		Half Real-Time Mode	Real-Time Mode	Half Real-Time Mode	Real-Time Mode
Format		1080P Hybrid		1080P	
Input		16CH AHD + 8CH IP	8CH AHD + 4CH IP	32CH AHD	16CH AHD
Playback Channels		8	4	8	4
Remote Playback Channels		4		4	
Live Preview While Playback		No		No	
Loop		No		No	
Image Capture		Yes		Yes	
Output Type		VGA,HDMI		VGA,HDMI	
Dual Display		Yes		Yes	
Case		2U		2U	
Audio Input		16	8	16	
Audio Output		1		1	
Two Way Audio		Yes		Yes	
Mic In		No		No	
Alarm In		16	8	16	
Alarm Out		4		4	
PTZ Control		RS-485/CoC/IP Via network		RS-485/CoC	
Analog	Recording CIF	No		No	
	Recording Channels CIF	No		No	
	Recording D1	No		No	
	Recording Channels D1	No		No	
	Recording 960H	400/480 FPS (Total)	200/240 FPS (Total)	800/960 FPS (Total)	400/480 FPS (Total)
AHD	Recording Channels 960H	16ch @ 25/30 FPS	8ch @ 25/30 FPS	32ch @ 25/30 FPS	16ch @ 25/30 FPS
	Recording 720P	400/480 FPS (Total)	200/240 FPS (Total)	800/960 FPS (Total)	400/480 FPS (Total)
	Recording Channels 720P	16ch @ 25/30 FPS	8ch @ 25/30 FPS	32ch @ 25/30 FPS	16ch @ 25/30 FPS
	Recording 1080P Lite	No		No	
	Recording Channels 1080P Lite	No		No	
IP	Recording 1080P	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)	400/480 FPS (Total)
	Recording Channels 1080P	16ch @ 12/15 FPS	8ch @ 25/30 FPS	32ch @ 12/15 FPS	16ch @ 25/30 FPS
	Recording 720P	200/240 FPS (Total)	100/120 FPS (Total)	No	
	Recording Channels 720P	8ch @ 25/30 FPS	4ch @ 25/30 FPS	No	
	Recording 960P	200/240 FPS (Total)	100/120 FPS (Total)	No	
	Recording Channels 960P	8ch @ 25/30 FPS	4ch @ 25/30 FPS	No	
	Real-Time 960P	8Ch	4Ch	No	
	Recording 1080P	200/240 FPS (Total)	100/120 FPS (Total)	No	
	Recording Channels 1080P	8ch @ 25/30 FPS	4ch @ 25/30 FPS	No	
	Real-Time 1080P	8Ch	4Ch	No	
	Recording 3MP	150/180 FPS (Total)	75/90 FPS (Total)	No	
	Recording Channels 3MP	8ch @ 18/22 FPS	4ch @ 18/22 FPS	No	
H.264 Compression		High profile		High profile	
HDD		8(6TB Each)		8(6TB Each)	
HDD USB Port		2		2	
E-SATA		1		1	
Ethernet		1000Mbps		1000Mbps	
DVD Burner		No		No	
Analog	Master Stream (Up To)	1-25/30 FPS @ 960H		1-25/30 FPS @ 960H	
AHD		1-12/15FPS@1080P 1-25/30FPS@1080P		1-12/15FPS@1080P 1-25/30FPS@1080P	
IP		1-25/30 FPS @ 3MP		No	
Number of Master Stream Channels over Network		4		4	
Analog	Network Stream (Up To)	1-25/30 FPS @ CIF		1-25/30 FPS @ CIF	
AHD		1-25/30 FPS @ CIF/D1/720P		1-25/30 FPS @ CIF/D1/720P	
		1-12/15FPS@1080P 1-25/30FPS@1080P		1-12/15FPS@1080P 1-25/30FPS@1080P	
IP		1-25/30 FPS @ CIF/D1 1-10/11 FPS @ 720P		No	
Max Simultaneous Users		10		10	
IR Remote		Yes		Yes	
IR Extention		Optional		Optional	
Mouse		Yes		Yes	
Power Supply		110/220VAC		110/220VAC	

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.

LENSES

Provision-ISR's lens range includes mega-pixel lenses designed for HD cameras (IP & AHD). All of Provision-ISR's lenses are specially designed with advanced optical mechanisms and offer outstanding performance at affordable cost.

MONITORS

7" to 10" high resolution LCD digital monitors, with various interfaces for different application, including: door-phone monitors, installers' monitors, etc..

POWER SUPPLIES

Provision-ISR's supplies are dedicated CCTV solutions. Designed in accordance to CCTV installation needs, the monitors are safe, friendly and power-efficient.

INSTALLATION ACCESSORIES

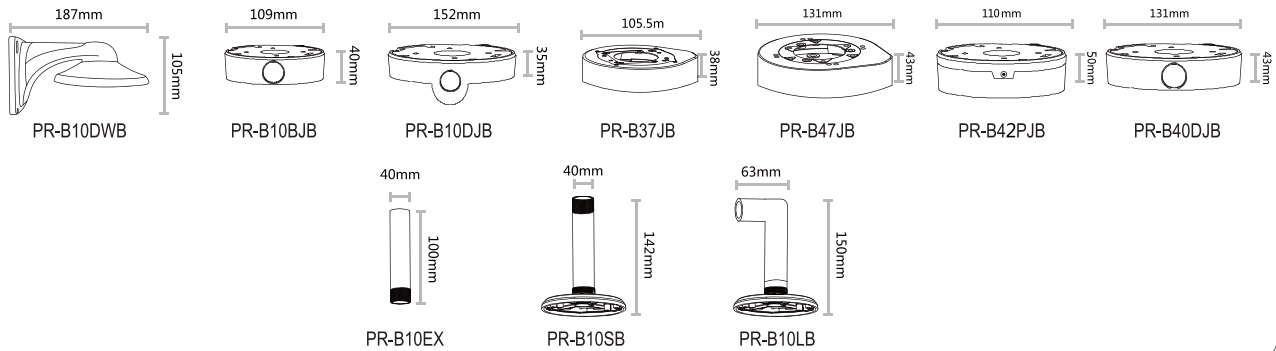
A complete CCTV accessories range including: Camera housing, brackets, UTP video baluns and more.

Cameras Bracket Accessories

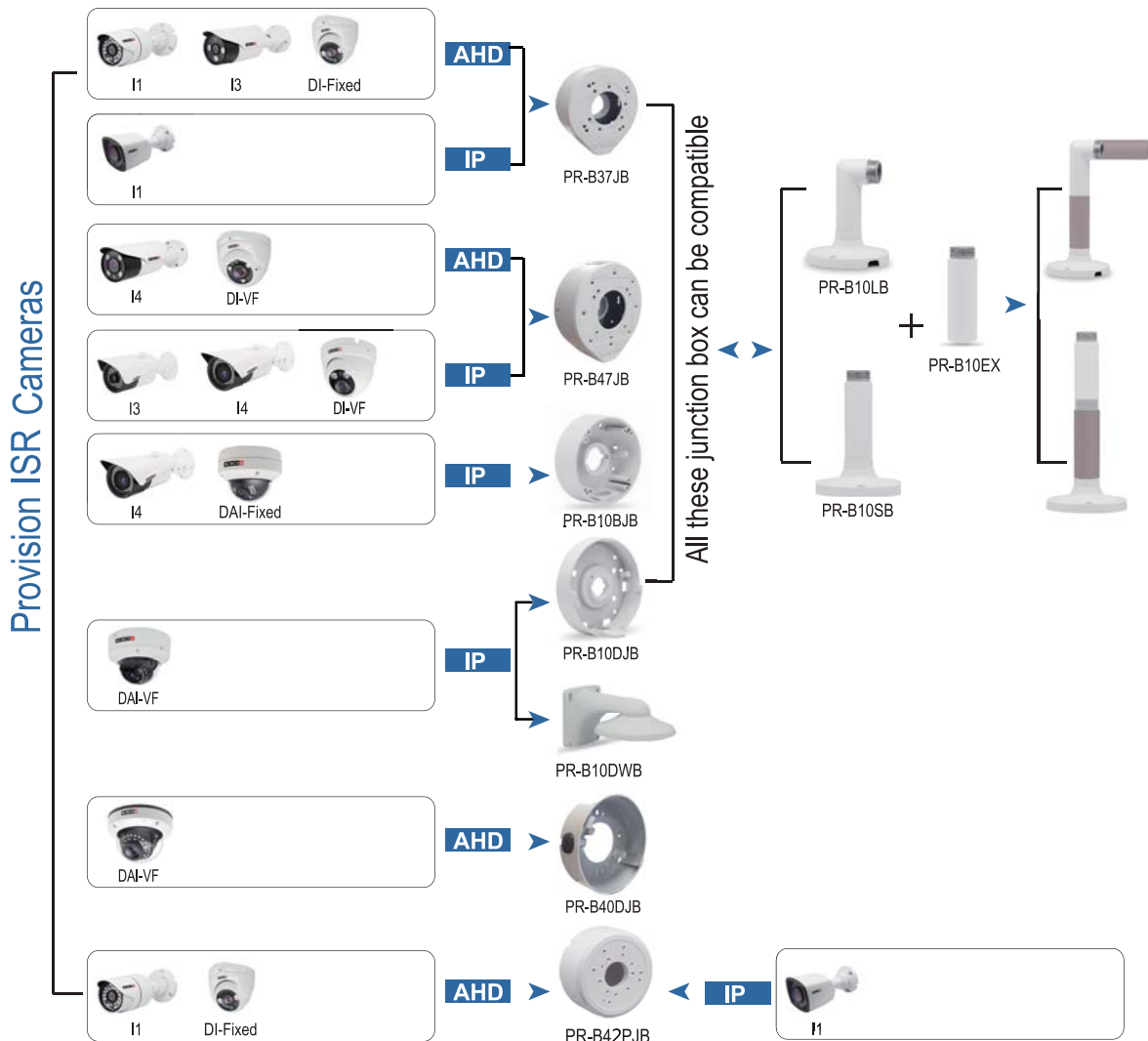
Enjoy a large variety of installation methods for Provision-ISR cameras



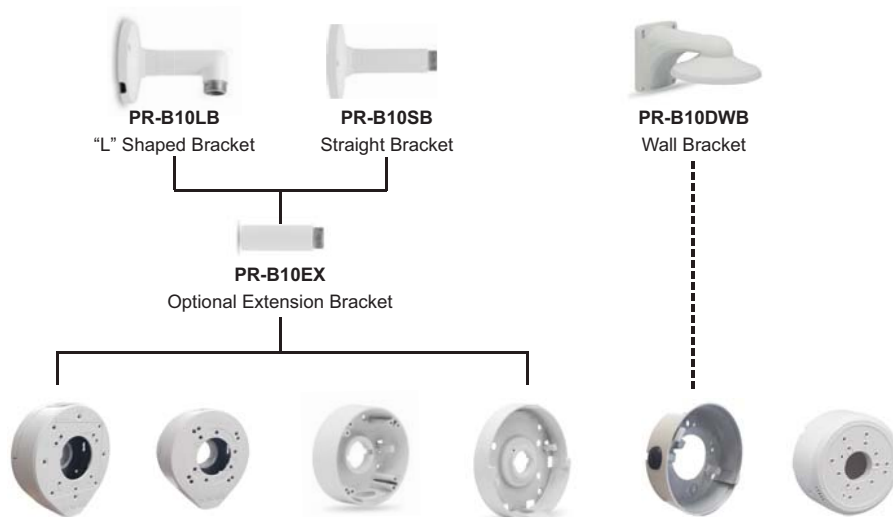
Bracket Item List



Compatibility List



Junction Box Compatibility Table



Camera Model		Junction Box Model					
		PR-B47JB	PR-B37JB	PR-B10JB	PR-B10DJB	PR-B40DJB	PR-B42PJB
IP Cameras	DAI-xxxIPxx Fixed Lens			●			
	DAI-xxxIPVF VF Lens				●		
	DI-xxxIPxxx MVF/VF Lens	●					
	I1-xxxIP36 Fixed Lens		●				●
	I3-xxxIPxx VF/Fixed Lens	●					
	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	●					

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 C ~ + 60 C
	1/4"	/	/	/	Back Focal-length	.66mm

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 C ~ + 60 C
	1/4"	73°~23.4°	44.8°~14.8°	87.6°~27.8°	Back Focal-length	6.52mm±0.1

0622DCMP-2


Resolution		2MP			Relative Aperture	1.6±5%
Focal-length		6-22mm±5%			Mount	CS
Format		Φ6.7(1/2.7") (MAX)			Focus Range	0.2m~∞
Angle of View	CCD Format	Horizontal	Vertical	Diagonal	Weight	61g
	1/2.5"	/	/	/	Focus	Manual focus and manual zoom
	1/2.7"	43.6°~16.5°	33.4°~12.4°	53.12°~20.6°	Iris	Auto
	1/3"	40°~15°	30.5°~11.3°	49°~18.7°	Operating Temperature	-20 C ~ + 60 C
	1/4"	/	/	/	Back Focal-length	7.2mm±0.1

0550DCMP-2


Resolution		2MP			Relative Aperture	1.6±5%
Focal-length		5-50mm±5%			Mount	CS
Format		Φ6.6(1/2.7") (MAX)			Focus Range	0.2m~∞
Angle of View	CCD Format	Horizontal	Vertical	Diagonal	Weight	151g
	1/2.5"	/	/	/	Focus	Manual focus and manual zoom
	1/2.7"	52.3°~7°	38.5°~5.4°	64.6°~9°	Iris	Auto
	1/3"	48°~6.4°	36°~4.8°	58.5°~8°	Operating Temperature	-20 C ~ + 60 C
	1/4"	/	/	/	Back Focal-length	7.72mm±0.1

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-10A9CH-B	PR-5A8CH	PR-10A9CH	PR-12A16CH	PR-20A16CH(1U)
Output Terminals	8 Ports	9 Ports	8 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	10Amp	5Amp	10Amp	12Amp	20Amp
Output Volt-Regulation Precision	DC12~15V	DC12~15V	DC11~15V	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	Yes	No	No	No	No
Housing	Power Box	Power Box	Power Box	Power Box	Power Box	1U Rack Mountable
Dimensions	205 x 165 x 75mm	330 x 255 x 80mm	204 x 190 x 60mm	290 x 220 x 70mm	290 x 220 x 70mm	440 x 225 x 45mm
Weight	1.42 Kg	3.15 Kg	2.15 Kg	2.45 Kg	2.45 Kg	3.5 Kg

PR-20A16CH (1U)

Output Display

Status LED Indicators

Voltage Adjustment

Connection Terminals



PR-5A8CH-B

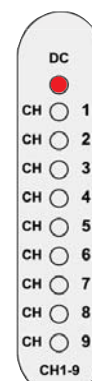
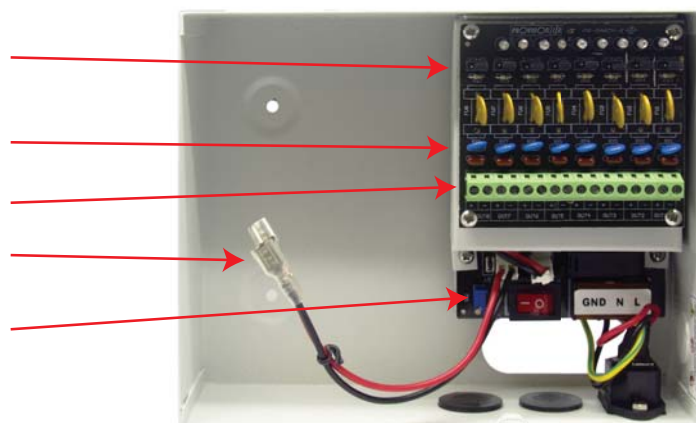
On/Off Jumpers

Auto-recovery Fuse

1 part PCB

Backup Battery Terminal

Voltage Adjustment



Status LED Indicators

AHD TEST MONITOR

TM-43AHDBL

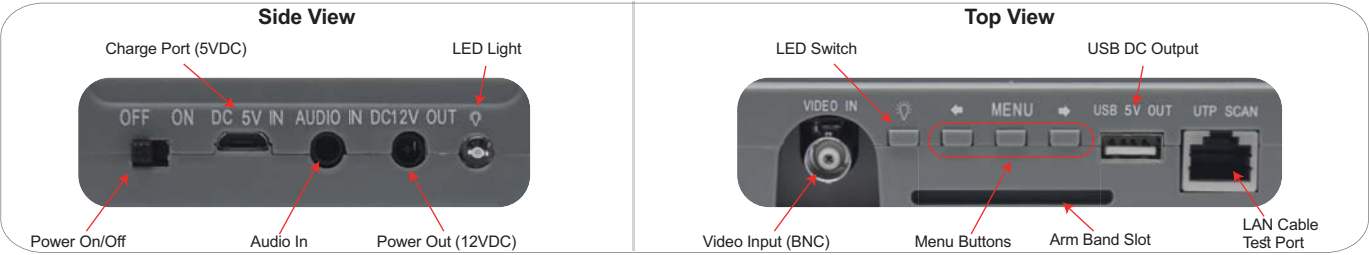


MODEL	TM-43AHDBL
Display	4.3" TFT Color LCD
Image Resolution	480x272
Video In	BNC x 1
Image Settings	Brightness / Contrast / Color
DC Power Out	12VDC Output
USB Power Out	5VDC Output
Audio	PL Plug input, Built-In Speaker
System Format	PAL / NTSC
Status Indicator	3 LED Indicators
Internal Power Source	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
- All format 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
- PAL/NTSC Support
- Status LED Indicators
- Built-In Long-Life Rechargeable Battery
- Hands Free Operation (Arm strap supplied)
- Light Weight



TFT MONITORS

ULTRA THIN


TOUCH BUTTON



2/4 INPUTS



REAL TFT



PAL/NTSC



Specifications:

	Standard Series		Advanced Series	
Model	PR-TFT7D	PR-TFT9D	PR-TFT7P	PR-TFT10P
Screen Size	7" TFT Screen	9" TFT Screen	7" TFT Screen	10.1" TFT Screen
Resolution	800x480	800x480	1024x600	1024x600
TV System	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Power Supply	DC 12V, 0.5A	DC 12V, 0.5A	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, Power	AV1, AV2, VGA, HDMI, 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	65/65/65/50 (L/R/U/D)	65/65/65/50 (L/R/U/D)	65/65/65/50 (L/R/U/D)	65/65/65/50 (L/R/U/D)
Contrast Ratio	300:1	300:1	300:1	300:1
Brightness	250CD/m2	300CD/m2	380CD/m2	450CD/m2
Weight	0.40Kg	0.45Kg	0.40Kg	0.55Kg
Dimension	177W x 117H x 15D mm	220W x 140H x 16D mm	177W x 117H x 15D mm	250W x 163H x 16D mm

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

Model: PR-HDoNet

Transmits HDMI signal over Ethernet cable.

- 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
- DC5V power supplies included



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





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