

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

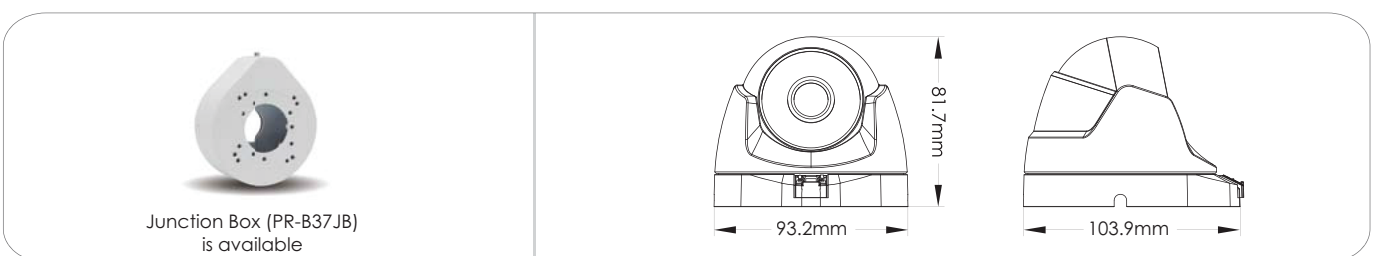
DI-340AHD36



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



AHD IR DOME CAMERA VARI-FOCAL LENS

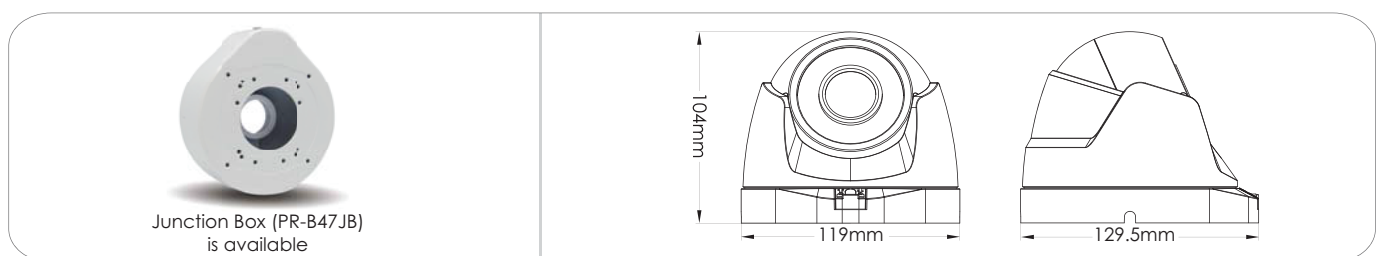
DI-340AHDVF



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

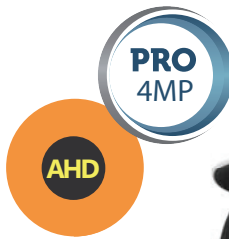
Main Features:

- 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



AHD IR BULLET CAMERA FIXED LENS

I3-340AHD36



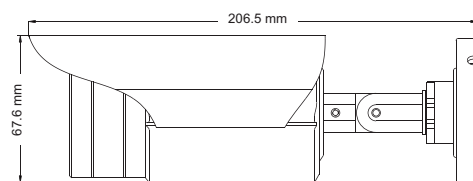
MODEL	I3-340AHD36
Image Sensor	1/3" 4MP Sensor
Effective Pixels	2688(H)×1520(V)
Scanning System	Progressive
Resolution	Digital: 2560x1440
Min. Illumination	0.01Lux
Day & Night	True Day&Night (ICR)
IR LED	3 LED Array (30m)
OSD Menu	Available via CoC Only (12 Languages)
CoC Support	Yes
Day & Night Mode	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

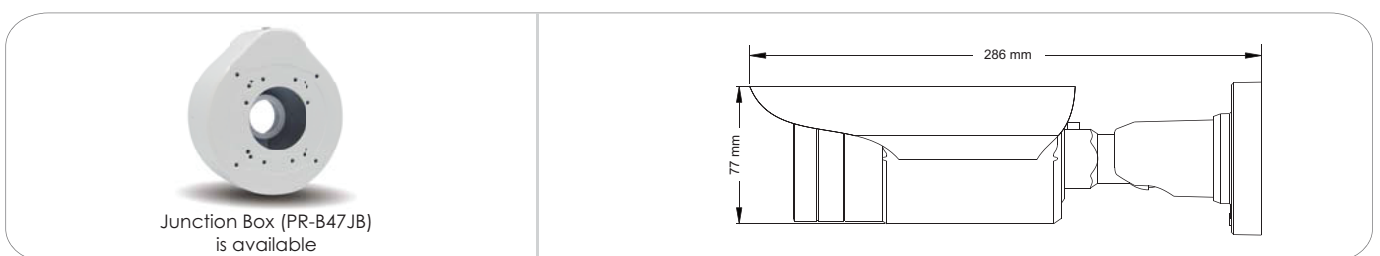
I4-340AHDVF



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



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)
General	2MP (1080P) & Lower	30FPS (NTSC)/25FPS (PAL)	
	Recording Modes	Schedule, Manual, Motion, Sensor	
Playback	HD Analog Playback	4CH	
	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	Dimention	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)



4MP

1080P

4MP

AHD
CVI
TVI
CVBS
IP

ONVIF

H.264
Compression

4K
ULTRA-HD

HDMI

PTZ

Audio

USB

Mouse

2 HDD

Mobile

Internet
Monitoring

DDNS

CMS

P2P

CoC
Control
over Coax



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)
General	2MP (1080P) & Lower	120FPS (NTSC)/100FPS (PAL)	
	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	Dimension	W375xD275xH45mm	
	IR Controller	Yes	
	Power Supply	12V/4A	
	Operation Temperature	0°C ~50°C	

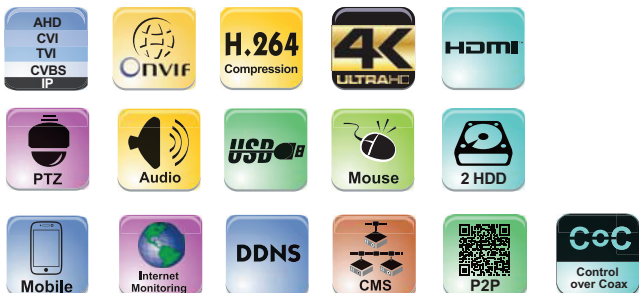


16 CH 4in1 + 4 CH IP Hybrid DVR

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)
General	2MP (1080P) & Lower	120FPS (NTSC)/100FPS (PAL)	
	Recording Modes	Schedule, Manual, Motion, Sensor	
Playback	HD Analog Playback	16CH	
	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	Dimension	W375xD275xH45mm	
	IR Controller	Yes	
	Power Supply	12V/4A	
	Operation Temperature	0°C ~50°C	