



PRODUCT CATALOG



Innovation Changes the World



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HANBANG TECHNOLOGY CO., LTD

Introduction

Hanbang Technology Co., Ltd., one of the first enterprises entering into digital video surveillance industry, has been focusing on R&D of products and technology of digital video surveillance field. While providing product and technical support, it also provides overall solution for the industrial system; it has successfully provided system implementation and service supports for several industries.

Hanbang now owns 2 R&D centers respectively in Beijing and Shenzhen. After years of technology accumulation in video image processing field, Hanbang Technology has successfully developed a number of digital surveillance product series and formed a number of digital core products such as audio and video compression cards, embedded DVRs, network video servers, analog cameras and IP cameras; The product line covers a full range of video surveillance system. It has become one of the key domestic suppliers of video compression cards and embedded digital video recorders, and the products have been supplied to many industries.

To meet market demand with better service, the company sets 6 zones including North China, Central China, East China, South China, Northeast China and Southwest China, and the sales and service network as well as nearly 30 offices cover the whole China. At the same time the company positively develops the overseas market, and its products have been sold to India, Turkey, South Africa, Poland, Russia, Brazil, UK and many other countries and regions.

Hanbang Technology is National High-tech Enterprise, vice president member of Beijing High-tech Enterprises Association, also the vice president member of China Security Industry Association. It has passed certifications of ISO-9001 quality system and ISO-1400 environmental system, and its products have passed certifications of FCC/CE, ROHS, CCC and others. Hanbang Technology with stably progressing is universally recognized both by insiders and outsiders of the industry. It is shortlisted for China security top 10 brands successively for years and shortlisted for safe city recommended brands several times; it was shortlisted for 2009 Forbes China Up& Comers and shortlisted for pilot innovative enterprises at national innovation model zhongguancun area; besides it is one of 2010 national torch program key high-tech enterprises, and tis embedded DVRs win the title of National Key New Product.

Based on technology and being market-oriented, Hanbang expects to develop together with China security industry.

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H.265 Solution

HB-NVR3100E-P Series NVR

HB-NVR3104E-4P / HB-NVR3108E-8P

Key Features

Original

- SDA+ technology inside, Plug Play Access third-party ONVIF camera
- All channel real-time synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.265 / H.264 video formats
- Up to 8*8MP IP camera can be accessed
- HDMI at up to 4K, VGA at up to 1080P

HD Storage & Communication

- 1 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100M RJ45 interface
- Up to 8 POE RJ45 interfaces

Special

- Instant playback for assigned channel during multi-channel live view mode
- Smart search for selected area in the video, and smart playback to improve the efficiency



Specifications

Model		HB-NVR3104E-4P	HB-NVR3108E-8P
Video / Audio input	IP video input	4 Ch.	8 Ch.
		Up to 8 MP resolution	
	IP audio input	4 Ch.	8 Ch.
Network	Two-way audio		1 x RCA (2.0 Vp-p, 1 kΩ)
	Incoming	Standard	ONVIF, RTSP, HB-protocol
		Bandwidth	80Mbps
	Outgoing	Standard	CGI, RTSP, RTMP(Only for H.264), HB-SDK
		Bandwidth	80Mbps
Video / Audio output	Recording resolution		Up to 8 MP resolution
	HDMI output		4K (3840×2160)/60Hz, 1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz
	VGA output		1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz
	Audio output		1 x RCA (Linear, 1 kΩ)
Decoding	Decoding standard		H.265 / H.264
	Live view / playback resolution		Up to 8 MP resolution
	Synchronous playback		All channel synchronous playback
HDD	SATA		1 SATA interfaces for 1 HDD
	Capacity		Up to 8TB capacity for each HDD
External interface	Network		1x10/100Mbps self-adaptive RJ45 interface
	USB		Rear panel: 1 x USB3.0 / 1×USB2.0
	Alarm		2 in / 1 out
	RS-485		N/A
POE	Interface		4 x POE RJ45 interfaces
	Max. power		40W
	Standard		IEEE 802.3af / at
General	Power supply		48V / 1.25A
	Operating condition		Temperature: -10°C – 55°C (14°F – 131°F) Humidity: 10 - 90%
	Dimensions (WxDxH)		324×256.8×53.7mm (12.7"×10.1"×2.1")

HB-NVR3200E-P Series NVR

HB-NVR3208E-8P / HB-NVR3216E-16P

Key Features

- Original**
- SDA+ technology inside, Plug Play Access third-party ONVIF camera
 - All channel real-time synchronous playback
 - Support IE, Chrome, Firefox, Safari, and browser plug-in free
 - All channel synchronous live view and playback by smart phone

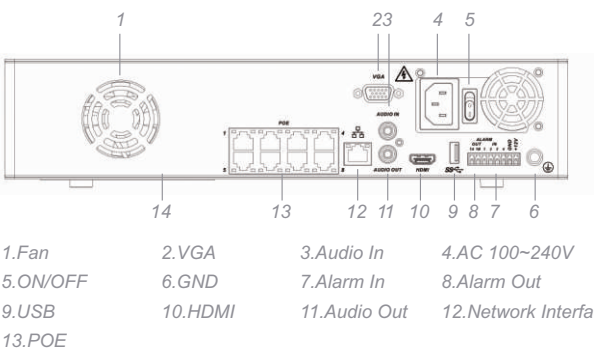
- HD Input & Output**
- H.265 / H.264 video formats
 - Up to 16*8MP IP camera can be accessed
 - HDMI at up to 4K, VGA at up to 1080P

- HD Storage & Communication**
- 2 HDDs supported, Up to 8TB for each
 - 1 self-adaptive 10/100/1000M RJ45 interface
 - Up to 16 POE RJ45 interfaces

- Special**
- Instant playback for assigned channel during multi-channel live view mode
 - Smart search for selected area in the video, and smart playback to improve the efficiency
 - Support HDD quota and group mode
 - Support HDD hot swap



Physical Interfaces



Specifications

Model		HB-NVR3208E-8P	HB-NVR3216E-16P
Video / Audio input	IP video input	8 Ch.	16 Ch.
		Up to 12 MP	
	IP audio input	8 Ch.	16 Ch.
	Two-way audio	1×RCA (2.0 Vp-p, 1 kΩ)	
Network	Incoming	Standard	ONVIF, RTSP, HB-protocol
		Bandwidth	160Mbps
	Outgoing	Standard	CGI, RTSP, RTMP(Only for H.264), HB-SDK
		Bandwidth	160Mbps
Video / Audio output	Recording resolution	Up to 8 MP	
	HDMI output	4K (3840×2160)/60Hz, 1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz	
	VGA output	1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz	
	Audio output	1× RCA (Linear, 1 kΩ)	
Decoding	Decoding standard	H.265 / H.264	
	Live view / playback resolution	Up to 12 MP for the first 4 Ch. , Up to 8MP for the rest	
	Synchronous playback	All Ch. Synchronous playback	
HDD	SATA	2 SATA interfaces for 2 HDDs	
	Capacity	Up to 8TB capacity for each HDD	
	Network	1×10/100/1000Mbps self-adaptive RJ45 interface	
External interface	USB	Front panel: 1×USB2.0, Rear panel: 1×USB3.0	
	Alarm	4 in / 1 out	
	RS-485	N/A	
POE	Interface	8×POE RJ45 interfaces	16×POE RJ45 interfaces
	Max. power	120W	240W
	Standard	IEEE 802.3af / at	
General	Power supply	220V (100 to 240 VAC, 47 to 63 Hz, 3A)	48V / 2A
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F) Humidity: 10 - 90%	
	Dimensions (WxDxH)	340×217.6×77mm (13.8"×8.5"×3")	

HB-NVR3400E-P Series NVR

HB-NVR3432E-16P/4S

Key Features

- Original**
- SDA+ technology inside, Plug Play Access third-party ONVIF camera
 - All channel real-time synchronous playback
 - Support IE, Chrome, Firefox, Safari, and browser plug-in free
 - All channel synchronous live view and playback by smart phone

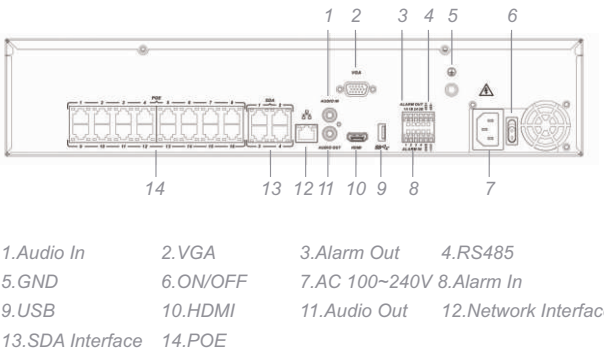
- HD Input & Output**
- H.265 / H.264 video formats
 - Up to 32*8MP IP camera can be accessed
 - HDMI at up to 4K, VGA at up to 1080P

- HD Storage & Communication**
- 4 HDDs supported, Up to 8TB for each
 - 1 self-adaptive 10/100/1000M RJ45 interface
 - 16 POE RJ45 interfaces
 - 4 SDA RJ45 interfaces for Plug&Play access third-party ONVIF camera

- Special**
- Instant playback for assigned channel during multi-channel live view mode
 - Smart search for selected area in the video, and smart playback to improve the efficiency
 - Support HDD quota and group mode
 - Support HDD hot swap



Physical Interfaces



Specifications

Model		HB-NVR3432E-16P/4S
Video / Audio input	IP video input	32 Ch.
		Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest
	IP audio input	32 Ch.
	Two-way audio	1× RCA (2.0 Vp-p, 1 kΩ)
Network	Incoming	Standard ONVIF, RTSP, HB-protocol
		Bandwidth 320Mbps
	Outgoing	Standard CGI, RTSP, RTMP(Only for H.264), HB-SDK
		Bandwidth 320Mbps
Video / Audio output	Recording resolution	Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest
	HDMI output	4K (3840×2160)/60Hz, 1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz
	VGA output	1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA(1600×1200)/60Hz, 1280×1024/60Hz
	Audio output	1× RCA (Linear, 1 kΩ)
Decoding	Decoding standard	H.265 / H.264
	Live view/ playback resolution	Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest
	Synchronous playback	All Ch. Synchronous playback
HDD	SATA	4 SATA interfaces for 4 HDDs
	Capacity	Up to 8TB capacity for each HDD
External interface	Network	1× 10/100/1000Mbps self-adaptive RJ45 interface
	USB	Front panel: 2× USB2.0, Rear panel: 1× USB3.0
	Alarm	4 in / 2 out
	RS-485	1× RS-485 interface
POE	Interface	16× POE RJ45 interfaces
	Max. power	220W
	Standard	IEEE 802.3af / at
SDA	Interface	4× SDA RJ45 interfaces
	Max. video input	Up to 32 Ch., Up to 8 Ch. for each SDA interface
General	Power supply	220V (100 to 240 VAC, 47 to 63 Hz, 6A)
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F) Humidity: 10 - 90%
	Dimensions (WxDxH)	440 × 323 × 88.9mm (17.3" × 12.7" × 3.5")

HB-NVR3100E Series NVR

HB-NVR3106E / HB-NVR3109E / HB-NVR3116E

Key Features

- Original**
- SDA+ over LAN technology inside, One-click Access third-party ONVIF camera
 - All channel real-time synchronous playback
 - Support IE, Chrome, Firefox, Safari, and browser plug-in free
 - All channel synchronous live view and playback by smart phone

HD Input & Output

- H.265 / H.264 video formats
- Up to 16*8MP IP camera can be accessed
- HDMI at up to 4K, VGA at up to 1080P

HD Storage & Communication

- 1 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100M RJ45 interface

Special

- Instant playback for assigned channel during multi-channel live view mode
- Smart search for selected area in the video, and smart playback to improve the efficiency



Specifications

Model			HB-NVR3106E	HB-NVR3109E	HB-NVR3116E
Video / Audio input	IP video input		6 Ch.	9 Ch.	16 Ch.
			Up to 8 MP		
	IP audio input		6 Ch.	9 Ch.	16 Ch.
Two-way audio			1× RCA (2.0 Vp-p, 1 kΩ)		
Network	Incoming	Standard	ONVIF, RTSP, HB-protocol		
		Bandwidth	80Mbps		
	Outgoing	Standard	CGI, RTSP, RTMP(Only for H.264), HB-SDK		
		Bandwidth	80Mbps		
Video / Audio output	Recording resolution		Up to 8 MP		
	HDMI output		4K (3840 × 2160)/60Hz, 1080p (1920 × 1080)/60Hz, 720p (1280 × 720)/60Hz, UXGA (1600 × 1200)/60Hz, 1280 × 1024/60Hz		
	VGA output		1080p (1920 × 1080)/60Hz, 720p (1280 × 720)/60Hz, UXGA (1600 × 1200)/60Hz, 1280 × 1024/60Hz		
	Audio output		1× RCA (Linear, 1 kΩ)		
Decoding	Decoding standard		H.265 / H.264		
	Live view / playback resolution		Up to 8 MP		
	Synchronous playback		All Ch. Synchronous playback		
HDD	SATA		1 SATA interface for 1 HDD		
	Capacity		Up to 8TB capacity for each HDD		
External interface	Network		1x10/100Mbps self-adaptive RJ45 interface		
	USB		Rear panel: 1× USB3.0 / 1× USB2.0		
	Alarm		2 in / 1 out		
	RS-485		N/A		
General	Power supply		12V 24W		
	Operating condition		Temperature: -10℃ – 55℃ (14°F – 131°F) Humidity: 10 - 90%		
	Dimensions (WxDxH)		254 × 180 × 49.5mm (10" × 7" × 1.9")		

HB-NVR3200E Series NVR

HB-NVR3208E / HB-NVR3216E / HB-NVR3232E-8S

Key Features

- Original**
- SDA+ over LAN technology inside, One-click Access third-party ONVIF camera
 - All channel real-time synchronous playback
 - Support IE, Chrome, Firefox, Safari, and browser plug-in free
 - All channel synchronous live view and playback by smart phone

HD Input & Output

- H.265 / H.264 video formats
- Up to 32*8MP IP camera can be accessed
- HDMI at up to 4K, VGA at up to 1080P

HD Storage & Communication

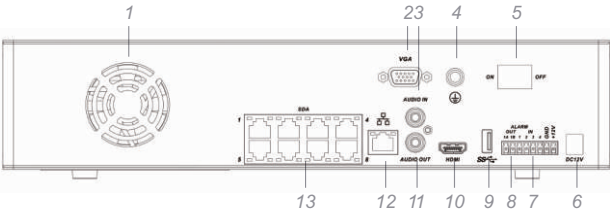
- 2 HDDs supported, Up to 8TB for each
- 1 self-adaptive 10/100/1000M RJ45 interface
- Up to 8 SDA RJ45 interfaces for Plug&Play access third-party ONVIF camera

Special

- Instant playback for assigned channel during multi-channel live view mode
- Smart search for selected area in the video, and smart playback to improve the efficiency
- Support HDD quota and group mode
- Support HDD hot swap



Physical Interfaces



- 1.FAN
- 2.VGA
- 3.Audio In
- 4.GND
- 5.ON/OFF
- 6.DC 12V
- 7.Alarm In
- 8.Alarm Out
- 9.USB
- 10.HDMI
- 11.Audio Out
- 12.Network Interface
- 13.SDA Interface

Specifications

Model			HB-NVR3208E	HB-NVR3216E	HB-NVR3232E-8S
Video / Audio input	IP video input		8 Ch.	16 Ch.	32 Ch.
			Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest		
	IP audio input		8 Ch.	16 Ch.	32 Ch.
Two-way audio			1×RCA (2.0 Vp-p, 1 kΩ)		
Network	Incoming	Standard	ONVIF, RTSP, HB-protocol		
		Bandwidth	160Mbps		320Mbps
	Outgoing	Standard	CGI, RTSP, RTMP(Only for H.264), HB-SDK		
		Bandwidth	160Mbps		320Mbps
Video / Audio output	Recording resolution		Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest		
	HDMI output		4K (3840×2160)/60Hz, 1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz		
	VGA output		1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280× 1024/60Hz		
	Audio output		1×RCA (Linear, 1 kΩ)		
Decoding	Decoding standard		H.265 / H.264		
	Live view / playback resolution		Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest		
	Synchronous playback		All Ch. Synchronous playback		
HDD	SATA		2 SATA interfaces for 2 HDDs		
	Capacity		Up to 8TB capacity for each HDD		
External interface	Network		1x10/100/1000Mbps self-adaptive RJ45 interface		
	USB		Front panel: 1 USB2.0, Rear panel: 1x USB3.0		
	Alarm		4 in / 1 out		
	RS-485		N/A		
SDA	Interface		N/A		8 10/100Mbps RJ45 interfaces
	Max. Video input		N/A		Up to 32 Ch., Up to 8 Ch. for each SDA interface
General	Power supply		12V 40W		
	Operating condition		Temperature: -10℃ – 55℃ (14°F – 131°F) Humidity: 10 - 90%		
	Dimensions (WxDxH)		340×217.6×77mm (13.8"×8.5"×3")		

HB-NVR3400E Series NVR

HB-NVR3432E-8S

Key Features

- Original**
- SDA+ over LAN technology inside, One-click Access third-party ONVIF camera
 - All channel real-time synchronous playback
 - Support IE, Chrome, Firefox, Safari, and browser plug-in free
 - All channel synchronous live view and playback by smart phone

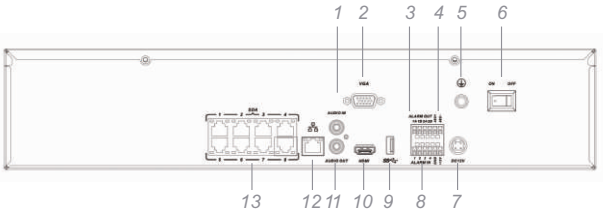
- HD Input & Output**
- H.265 / H.264 video formats
 - Up to 32*8MP IP camera can be accessed
 - HDMI at up to 4K, VGA at up to 1080P

- HD Storage & Communication**
- 4 HDDs supported, Up to 8TB for each
 - 1 self-adaptive 10/100/1000M RJ45 interface
 - Up to 8 SDA RJ45 interfaces for Plug&Play access third-party ONVIF camera

- Special**
- Instant playback for assigned channel during multi-channel live view mode
 - Smart search for selected area in the video, and smart playback to improve the efficiency
 - Support HDD quota and group mode
 - Support HDD hot swap



Physical Interfaces



- 1.Audio In

2.VGA

3.Alarm Out

4.RS485

5.GND

6.ON/OFF

7.DC 12V

8.Alarm In

9.USB

10.HDMI

11.Audio Out

12.Network Interface

13.SDA Interface

Specifications

Model			HB-NVR3432E-8S
Video / Audio input	IP video input		32 Ch.
			Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest
	IP audio input		32 Ch.
	Two-way audio		1×RCA (2.0 Vp-p, 1 kΩ)
Network	Incoming	Standard	ONVIF, RTSP, HB-protocol
		Bandwidth	320Mbps
	Outgoing	Standard	CGI, RTSP, RTMP(Only for H.264), HB-SDK
		Bandwidth	320Mbps
Video / Audio output	Recording resolution		Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest
	HDMI output		4K (3840×2160)/60Hz, 1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz
	VGA output		1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz
	Audio output		1×RCA (Linear, 1 kΩ)
Decoding	Decoding standard		H.265 / H.264
	Live view / playback resolution		Up to 12 MP for the first 2 Ch. , Up to 8MP for the rest
	Synchronous playback		All Ch. Synchronous playback
HDD	SATA		4 SATA interfaces for 4 HDDs
	Capacity		Up to 8TB capacity for each HDD
External interface	Network		1x10/100/1000Mbps self-adaptive RJ45 interface
	USB		Front panel: 2×USB2.0, Rear panel: 1×USB3.0
	Alarm		4 in / 2 out
	RS-485		1×RS-485 interface
SDA	Interface		8 10/100Mbps RJ45 interfaces
	Max. video input		Up to 32 Ch., Up to 8 Ch. for each SDA interface
General	Power supply		12V 90W
	Operating condition		Temperature: -10°C – 55°C (14°F – 131°F) Humidity: 10 - 90%
	Dimensions (WxDxH)		440×323×88.9mm (17.3"×12.7"×3.5")

HB-NVR9800E Series NVR

HB-NVR9832E / HB-NVR9864E

Key Features

- Original**
- SDA+ over LAN technology inside, One-click Access third-party ONVIF camera
 - All channel real-time synchronous playback
 - Support IE, Chrome, Firefox, Safari, and browser plug-in free
 - All channel synchronous live view and playback by smart phone

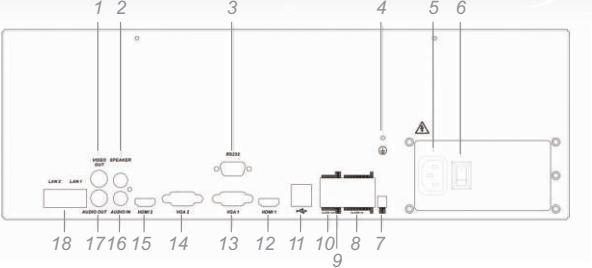
- HD Input & Output**
- H.265 / H.264 video formats
 - Up to 64*8MP IP camera can be accessed
 - HDMI at up to 4K, VGA at up to 1080P

- HD Storage & Communication**
- 16 HDDs supported, Up to 8TB for each
 - 2 self-adaptive 10/100/1000M RJ45 interface

- Special**
- Instant playback for assigned channel during multi-channel live view mode
 - Smart search for selected area in the video, and smart playback to improve the efficiency
 - Support HDD quota and group mode
 - Support HDD hot swap



Physical Interfaces



- 1.Video Out

2.Speaker

3.RS232

4.GND

5.AC 100~240V

6.ON/OFF

7.Half Duplex RS485

8.Alarm In

9.Full Dulex RS485

10.Alarm Out

11.USB

12.HDMI

13.VGA

14.VGA

15.HDMI

16.Audio In

17.Audio Out

18.Network Interface

Specifications

Model			HB-NVR9832E	HB-NVR9864E
Video / Audio input	IP video input		32 channel	64 channel
			Up to 12 MP for the first 4 Ch. , Up to 8MP for the rest	
	IP audio input		32 channel	64 channel
	Two-way audio		1×RCA (2.0 Vp-p, 1 kΩ)	
Network	Incoming	Standard	ONVIF, RTSP, HB-protocol	
		Bandwidth	320Mbps	
	Outgoing	Standard	CGI, RTSP, RTMP(Only for H.264), HB-SDK	
		Bandwidth	320Mbps	
Video / Audio output	Recording resolution		Up to 12 MP for the first 4 Ch. , Up to 8MP for the rest	
	HDMI output		4K (3840×2160)/60Hz, 1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA(1600×1200)/60Hz, 1280×1024/60Hz	
	VGA output		1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz	
	Audio output		1×RCA (Linear, 1 kΩ)	
Decoding	Decoding standard		H.265 / H.264	
	Live view / playback resolution		Up to 12 MP for the first 4 Ch. , Up to 8MP for the rest	
	Synchronous playback		16 channel	
HDD	SATA		16 SATA interfaces for 16 HDDs	
	Capacity		Up to 8TB capacity for each HDD	
External interface	Network		2x 10/100/1000Mbps self-adaptive RJ45 interface	
	USB		Front panel: 1×USB3.0 + 1 x eSATA, Rear panel: ×USB3.0	
	Alarm		16 in / 4 out	
	RS-485		2 RS-485 interfaces	
General	Power supply		220V/250W (100 to 240 VAC, 47 to 63 Hz, 3A)	
	Power consumption (without HDD)		TBD	
	Operating condition		Temperature: -10°C – 55°C (14°F – 131°F) Humidity: 10 - 90%	
	Dimensions (WxDxH)		440×460×148.5mm (17.3"×18.1"×5.8")	

HW-IPC263

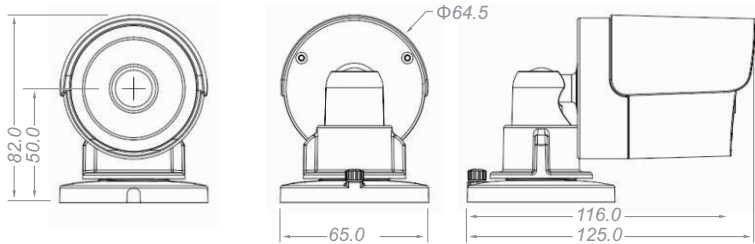
3 MP Fixed Lens Network Bullet Camera



Key Features

- Up to 3 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 4mm, 6mm, 8mm M12 fixed lens option
- Up to 15 meter IR range
- Dual video streams
- 80dB Wide Dynamic Range
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC263
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	4mm / 6mm / 8mm M12 fixed lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	digital WDR
	Angle of View	76° (4mm), 51° (6mm) , 39° (8mm)
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2304×1296
	Frame Rate	50Hz: 25fps(2304×1296, 1920×1080) 60Hz: 30fps (2304×1296, 1920×1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	N/A
	Alarm interface	N/A
	Audio interface	N/A
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 5W
	IR Range	Approx. 15 meters
	Ingress Protection	IP66
	Dimensions	65×82×126.5 (2.6"×3.2"×5")

HW-IPC273

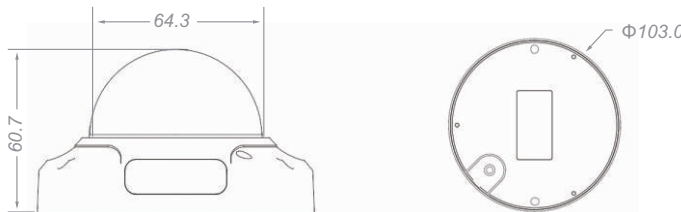
3 MP Fixed Lens Network Dome Camera



Key Features

- Up to 3 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 4mm, 6mm M12 fixed lens option
- Up to 10 meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC273
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	4mm / 6mm M12 fixed lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	digital WDR
	P&T rotation	Pan: 0° ~ 30°, Tilt: 0° ~ 75°
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2304 x 1296
	Frame Rate	50Hz: 25fps(2304x1296, 1920x1080) 60Hz: 30fps (2304x1296, 1920x1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	N/A
	Alarm interface	N/A
	Audio interface	N/A
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 5W
	IR Range	Approx. 10 meters
	Ingress Protection	IP66
	Dimensions	Φ103 × 60.7 (4" × 2.3")

HW-IPC264

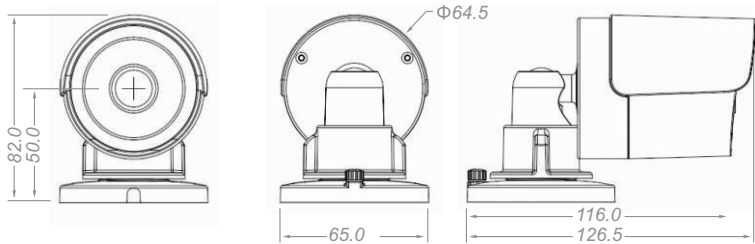
4 MP Fixed Lens Network Bullet Camera



Key Features

- Support IVS
- Up to 4 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 4mm, 6mm, 8mm M12 fixed lens option
- Up to 15 meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC264
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	4mm / 6mm / 8mm M12 fixed lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	Digital WDR
	Angle of View	76° (4mm), 51° (6mm) , 39° (8mm)
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2560×1440
	Frame Rate	50Hz: 25fps(2560×1440, 1920×1080) 60Hz: 30fps(2560×1440, 1920×1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast ROI
	Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	N/A
	Alarm interface	N/A
	Audio interface	N/A
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 5W
	IR Range	Approx. 15 meters
	Ingress Protection	IP66
	Dimensions	65×82×126.5 (2.6"×3.2"×5")

HW-IPC274

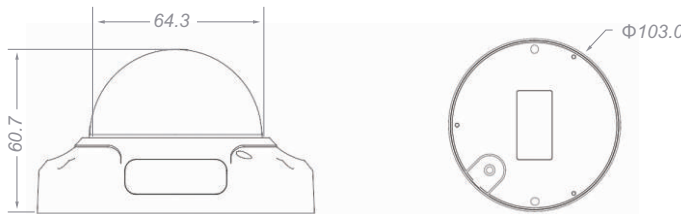
4 MP Fixed Lens Network Dome Camera



Key Features

- Support IVS
- Up to 4 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 4mm, 6mm M12 fixed lens option
- Up to 10 meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC273
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	4mm / 6mm M12 fixed lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	Digital WDR
	P&T rotation	Pan: 0° ~ 30° , Tilt: 0° ~ 75°
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2560×1440
	Frame Rate	50Hz: 25fps(2560×1440, 1920×1080) 60Hz: 30fps(2560×1440, 1920×1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	N/A
	Alarm interface	N/A
	Audio interface	N/A
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 5W
	IR Range	Approx. 10 meters
	Ingress Protection	IP65
	Dimensions	Φ 103 × 60.7 (4" × 2.3")

HW-IPC264E

4 MP Fixed Lens Network Bullet Camera



Key Features

- Support IVS
- Up to 4 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 4mm, 6mm, 8mm M12 fixed lens option
- Up to 30 meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Specifications

Model		HW-IPC264E
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	4mm / 6mm / 8mm M12 fixed lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	Digital WDR
	Angle of View	76° (4mm), 51° (6mm) , 39° (8mm)
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2560 x 1440
	Frame Rate	50Hz: 25fps(2560 x 1440, 1920 x 1080) 60Hz: 30fps(2560 x 1440, 1920 x 1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	N/A
	Alarm interface	Support
	Audio interface	Support
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 5W
	IR Range	Approx. 30 meters
	Ingress Protection	IP66
	Dimensions	65 x 82 x 126.5 (2.6" x 3.2" x 5")

HW-IPC274E

4 MP Fixed Lens Network Dome Camera



Key Features

- Support IVS
- Up to 4 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 4mm, 6mm M12 fixed lens option
- Up to 10 meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Specifications

Model		HW-IPC274E
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	4mm / 6mm M12 fixed lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	Digital WDR
	P&T rotation	Pan: 0° ~ 30°, Tilt: 0° ~ 75°
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2560 x 1440
	Frame Rate	50Hz: 25fps(2560 x 1440, 1920 x 1080) 60Hz: 30fps(2560 x 1440, 1920 x 1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	N/A
	Alarm interface	Support
	Audio interface	Support
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 5W
	IR Range	Approx. 10 meters
	Ingress Protection	IP66
	Dimensions	Φ 103 x 60.7 (4" x 2.3")

HW-IPC362

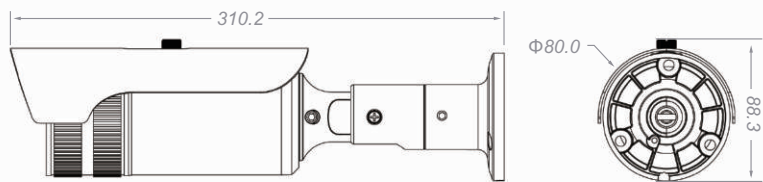
2 MP Motorized Zoom Lens Network Bullet Camera (STARVIS)



Key Features

- Support IVS
- Up to 2 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 2.8~12mm motorized zoom lens
- Up to 50 meter IR range
- Dual video streams
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC362
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.001Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	2.8~12mm motorized zoom lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	120dB
	Angle of View	103° (2.8mm), 30.8° (12mm)
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	1920 x 1080
	Frame Rate	50Hz: 25fps (1920×1080) 60Hz: 30fps (1920×1080)
	Image Setting	True WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio in
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 8W
	IR Range	Approx. 50 meters
	Ingress Protection	IP66
	Dimensions	310.2×80×88.3 (12.2"×3.1"×3.5")

HW-IPC372

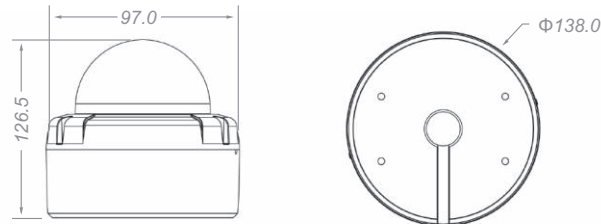
2 MP Motorized Zoom Lens Network Dome Camera (STARVIS)



Key Features

- Support IVS
- Up to 2 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 2.8~12mm motorized zoom lens
- Up to **20** meter IR range
- Dual video streams
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC372
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.001Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	2.8~12mm motorized zoom lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	True WDR
	P&T rotation	Pan: 0° ~ 355°, Tilt: 0° ~ 90°, Rotation: 0° ~ 30°
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	1920 × 1080
	Frame Rate	50Hz: 25fps (1920×1080) 60Hz: 30fps (1920×1080)
	Image Setting	True WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio in
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 8W
	IR Range	Approx. 20 meters
	Ingress Protection	IP66
	Dimensions	Φ 138 × 126.5 (5.4" × 5")

HW-IPC364

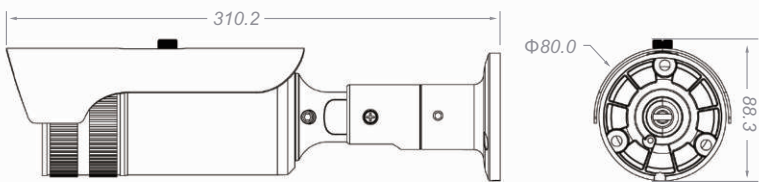
4 MP Motorized Zoom Lens Network Bullet Camera



Key Features

- Support IVS
- Up to 4 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 2.8~12mm motorized zoom lens
- Up to 50 meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC364
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	2.8~12mm motorized zoom lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	D-WDR
	Angle of View	91° (2.8mm), 28° (12mm)
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2560 x 1440
	Frame Rate	50Hz: 25fps(2560 x 1440, 1920 x 1080) 60Hz: 30fps(2560 x 1440, 1920 x 1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio in
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 8W
	IR Range	Approx. 50 meters
	Ingress Protection	IP66
	Dimensions	310.2 80 88.3 (12.2" 3.1" 3.5")

HW-IPC374

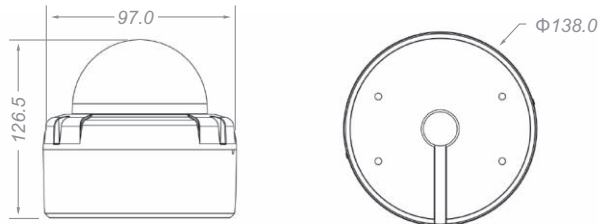
4 MP Motorized Zoom Lens Network Dome Camera



Key Features

- Support IVS
- Up to 4 Megapixel high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 2.8~12mm motorized zoom lens
- Up to **20** meter IR range
- Dual video streams
- Digital WDR
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC374
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F1.6) ,B/W: 0 Lux with IR
	Lens	2.8~12mm motorized zoom lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	D-WDR
	P&T rotation	Pan: 0° ~ 355°, Tilt: 0° ~ 90°, Rotation: 0° ~ 30°
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	2560×1440
	Frame Rate	50Hz: 25fps(2560×1440, 1920×1080) 60Hz: 30fps(2560×1440, 1920×1080)
	Image Setting	D-WDR, Compression, Rotate mode, Saturation, Brightness, Contrast ROI
	Codec	Support, 8 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio in
General	Operating Conditions	Temperature: -30°C – 60°C (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 8W
	IR Range	Approx. 20 meters
	Ingress Protection	IP66
	Dimensions	Φ 138 × 126.5 (5.4" × 5")

HW-IPC368

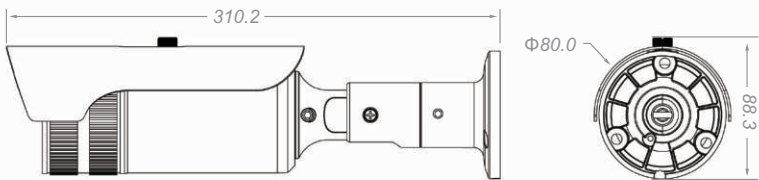
8 MP Motorized Zoom Lens Network Bullet Camera



Key Features

- Up to 4K high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 2.8~12mm motorized zoom lens
- Up to 50 meter IR range
- Dual video streams
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC368
Camera	Image Sensor	1/1.7" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F2.0) ,B/W: 0 Lux with IR
	Lens	3~8mm motorized zoom lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	120dB
	Angle of View	TBD
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	3840 x 2160
	Frame Rate	50Hz: 25fps (3840×2160, 3200×1800, 2688×1520, 1920×1080) 60Hz: 30fps (3840×2160, 3200×1800, 2688×1520, 1920×1080)
	Image Setting	WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 4 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio in
General	Operating Conditions	Temperature: -30℃ – 60℃ (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 8W
	IR Range	Approx. 50 meters
	Ingress Protection	IP66
	Dimensions	310.2×80×88.3 (12.2"×3.1"×3.5")

HW-IPC378

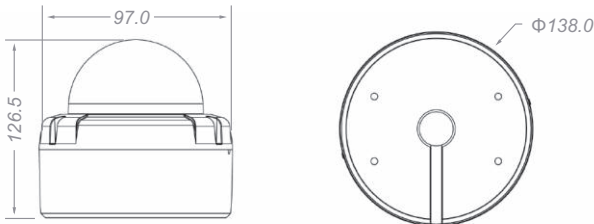
8 MP Motorized Zoom Lens Network Dome Camera



Key Features

- Up to 4K high resolution
- H.265 / H.264 video formats
- POE & DC 12V integration design
- 2.8~12mm motorized zoom lens
- Up to **20** meter IR range
- Dual video streams
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- IP66 weather-proof protection
- Support IE, Chrome, Safari, Firefox
- Latest ONVIF V2.4.1 supported
- Browser plug-in free

Dimension



Specifications

Model		HW-IPC378
Camera	Image Sensor	1/1.7" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux @ (F2.0) ,B/W: 0 Lux with IR
	Lens	3~8mm motorized zoom lens
	Day &Night	IR cut filter with auto switch
	DNR	3D DNR
	Wide Dynamic Range	120dB
	P&T rotation	TBD
Compression Standard	Video Compression	H.265 / H.264
	Dual streams	Support
Image	Max. Resolution	3840×2160
	Frame Rate	50Hz: 25fps (3840×2160, 3200×1800, 2688×1520, 1920×1080) 60Hz: 30fps (3840×2160, 3200×1800, 2688×1520, 1920×1080)
	Image Setting	WDR, Compression, Rotate mode, Saturation, Brightness, Contrast
	ROI Codec	Support, 4 regions
Network	Alarm Trigger	Motion detection, Network disconnect, IP address conflict
	Standards	ONVIF (PROFILE S, PROFILE G), CGI, RTSP, RTMP
Interface	Communication	1 RJ45 10M/100M Ethernet port
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio in
General	Operating Conditions	Temperature: -30℃ – 60℃ (-22°F – 140°F) Humidity: 95% or less (non-condensing)
	Power Supply	DC12V ± 10%, PoE (802.3af)
	Power Consumption	Max. 8W
	IR Range	Approx. 20 meters
	Ingress Protection	IP66
	Dimensions	Φ 138 × 126.5 (5.4" × 5")

HW-IPC7512E-32B

32x 1080P IR PTZ Network Camera



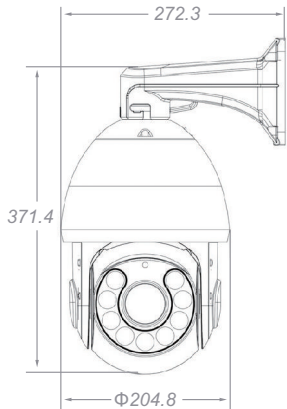
Key Features

- 1/2.8" 2.13MP Sony CMOS Sensor
- 1080P@25/30fps, H.265/H.264 / MJPEG Video Format
- 32X Optical Zoom, 16X Digital Zoom
- Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0.001Lux@ (F1.6, AGC ON)
- Array IR LEDs, Up to 160m IR Distance
- 3D Positioning, WDR, HLC, ROI
- IP66,TVS 6000V Protection, -40°C~+70°C

Specifications

Model		HW-IPC7512E-32B
Camera	Image Sensor	1/2.8" Sony CMOS Sensor
	Min. Illumination	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0.001Lux@ (F1.6, AGC ON)
	Effective Pixels	1080P (1920 x 1080)
	Horizontal Resolution	1200 TVL
	IR Distance	160 m
	Day & Night	Auto / Manual
	S/N Ratio	56dB
	Focus Mode	Auto / Zoom Trigger Auto / Manual
	Lens	32x Zoom, f4.5~144mm, Fw1.6~Ft4.8
	Video Compression	H.265 / H.264 / MJPEG
PTZ	Pan Range/Speed	0°~ 360°, Control speed: 0.1°~160°/s; Preset speed: 240°/s
	Tilt Range/Speed	0°~ 90°, Control speed: 0.1°~120°/s; Preset speed: 200°/s
	Preset	512
	Cruise	8
	Track	4
Network	Protocol	IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP, FTP, UPnP, DDNS, NTP, IGMP, ICMP
	Standards	ONVIF
Interface	Communication	1 RJ45 10M/100M Ethernet port, 1 RS485
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio I/O
General	Operating Conditions	Temperature: -40°C – 70°C; Humidity: 90% or less (non-condensing)
	Power Supply	AC24V/3A,
	Power Consumption	Max. 33W
	Ingress Protection	IP66
	Dimensions	204.8mm x (H)371.4mm x (W)272.3mm

Dimension



HW-IPC7512E-22B

22x 1080P IR PTZ Network Camera



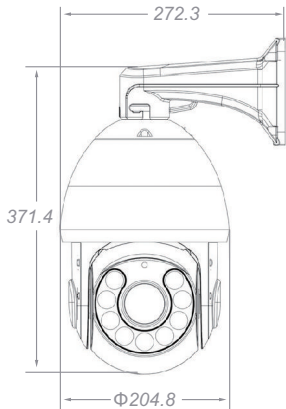
Key Features

- 1/2.8" 2.13MP Sony CMOS Sensor
- 1080P@25/30fps, H.265/H.264 / MJPEG Video Format
- 22X Optical Zoom, 16X Digital Zoom
- Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0.001Lux@ (F1.6, AGC ON)
- Array IR LEDs, Up to 160m IR Distance
- 3D Positioning, WDR, HLC, ROI
- IP66,TVS 6000V Protection, -40°C~+70°C

Specifications

Model		HW-IPC7512E-22B
Camera	Image Sensor	1/2.8" Sony CMOS Sensor
	Min. Illumination	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0.001Lux@ (F1.6, AGC ON)
	Effective Pixels	1080P (1920 x 1080)
	Horizontal Resolution	1200 TVL
	IR Distance	160 m
	Day & Night	Auto / Manual
	S/N Ratio	56dB
	Focus Mode	Auto / Zoom Trigger Auto / Manual
	Lens	22x Zoom, f4.3~94.6mm, Fw1.6~Ft3.5
	Video Compression	H.265 / H.264 / MJPEG
PTZ	Pan Range/Speed	0°~360°, Control speed: 0.1°~ 160°/s; Preset speed: 240°/s
	Tilt Range/Speed	0°~ 90°, Control speed: 0.1°~ 120°/s; Preset speed: 200°/s
	Preset	512
	Cruise	8
	Track	4
Network	Protocol	IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP, FTP, UPnP, DDNS, NTP, IGMP, ICMP
	Standards	ONVIF
Interface	Communication	1 RJ45 10M/100M Ethernet port, 1 RS485
	On-board storage	Build-in Micro SD/SDHC/SDXC slot, up to 128GB
	Alarm interface	1x Alarm I/O
	Audio interface	1x Audio I/O
General	Operating Conditions	Temperature: -40°C – 70°C; Humidity: 90% or less (non-condensing)
	Power Supply	AC24V/3A,
	Power Consumption	Max. 33W
	Ingress Protection	IP66
	Dimensions	Φ 204.8mm x (H)371.4mm x (W)272.3mm

Dimension



HB-DVR5100E-D-V2H Series HD-DVR

HB-DVR5104E-D-V2H / HB-DVR5108E-D-V2H

Key Features

Original

- Auto adjust the frame resource to fit connected video
- All channel synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.264 video formats
- Up to 8*4MP AHD / TVI / CVI / IP /Analog camera can be accessed
- HDMI / VGA at up to 1080P

HD Storage & Communication

- 1 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100Mbps RJ45 interface

Special

- Auto record when camera be connected

Specifications

Model		HB-DVR5104E-D-V2H		HB-DVR5108E-D-V2H	
Video / Audio input	video input	4 Ch.		8 Ch.	
		BNC interface (1.0Vp-p,75Ω)			
	Supported camera types	AHD / TVI / CVI / IP /Analog, Support AHD4MP			
	Audio input	2 Ch.			
RCA interface (2.0Vp-p, 1KΩ)					
Video / Audio output	HDMI / VGA output	1080p (1920 x 1080)/60Hz, 720p (1280 x 720)/60Hz, UXGA (1600 x 1200)/60Hz, 1280 x 1024/60Hz			
	Audio output	RCA (Linear, 1KΩ)			
Video / Audio codec	Video compression	H.264			
	Dual-stream	Support			
	Encoding resolution	4M, 3M, 1080P (1920 x 1080), 720P (1280 x 720), 960H, D1			
	Frame rate	60fps		120fps	
	Audio compression	G.711u			
	Synchronous playback	All channel synchronous playback			
	HDD	SATA	1x SATA interface for 1 HDD		
Capacity		Up to 8TB capacity for each HDD			
External interfaces	Network	1x 10/100Mbps self-adaptive RJ45 interface			
	USB	Rear panel: 2x USB2.0			
	Alarm	4 in / 1 out			
	RS-485	N/A		1x RS485 interface	
	e-SATA	N/A			
General	Power supply	12V 24W			
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F), Humidity 10 - 90%			
	Dimensions (WxDxH)	380 x 290 x 45mm (15" x 11.4" x 1.8")			



HB-DVR5100E-D-V2C Series HD-DVR

HB-DVR5104E-D-V2C / HB-DVR5108E-D-V2C

Key Features

Original

- Auto adjust the frame resource to fit connected video
- All channel synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.264 video formats
- Up to 8*4MP AHD / TVI / CVI / IP /Analog camera can be accessed
- HDMI / VGA at up to 1080P

HD Storage & Communication

- 1 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100Mbps RJ45 interface

Special

- Auto record when camera be connected

Specifications

Model		HB-DVR5104E-D-V2C		HB-DVR5108E-D-V2C	
Video input	video input	4 Ch.		8 Ch.	
		BNC interface (1.0Vp-p, 75Ω)			
	Supported camera types	AHD / TVI / CVI / IP /Analog, Support AHD4MP			
Video output	HDMI / VGA output	1080p (1920 x 1080)/60Hz, 720p (1280 x 720)/60Hz, UXGA (1600 x 1200)/60Hz, 1280 x 1024/60Hz			
Video codec	Video compression	H.264			
	Dual-stream	Support			
	Encoding resolution	4M, 3M, 1080P (1920 x 1080), 720P (1280 x 720), 960H, D1			
	Frame rate	60fps		120fps	
	Synchronous playback	All channel synchronous playback			
HDD	SATA	1x SATA interface for 1 HDD			
	Capacity	Up to 8TB capacity for each HDD			
External interfaces	Network	1x 10/100Mbps self-adaptive RJ45 interface			
	USB	Rear panel: 2x USB2.0			
	Alarm	N/A			
	RS-485	N/A		1x RS485 interface	
	e-SATA	N/A			
General	Power supply	12V 24W			
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F), Humidity 10 - 90%			
	Dimensions (WxDxH)	380 x 290 x 45mm (15" x 11.4" x 1.8")			



HB-DVR5200E-D-V2H Series HD-DVR

HB-DVR-5216E-D-V2H

Key Features

Original

- Auto adjust the frame resource to fit connected video
- All channel synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.264 video formats
- 16*4MP AHD / TVI / CVI / IP / Analog camera can be accessed
- HDMI / VGA at up to 1080P

HD Storage & Communication

- 2/4 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100/1000Mbps RJ45 interface

Special

- Auto record when camera be connected



Specifications

Model		HB-DVR-5216E-D-V2H
Video / Audio input	video input	16 Ch.
		BNC interface (1.0Vp-p, 75Ω)
	Supported camera types	AHD / TVI / CVI / IP /Analog, Support AHD 4MP
	Audio input	4 Ch.
RCA interface (2.0Vp-p, 1KΩ)		
Video / Audio output	HDMI / VGA output	1080p (1920 x 1080)/60Hz, 720p (1280 x 720)/60Hz, UXGA (1600 x 1200)/60Hz, 1280 x 1024/60Hz
	Audio output	RCA (Linear, 1KΩ)
Video / Audio codec	Video compression	H.264
	Dual-stream	Support
	Encoding resolution	4M, 3M, 1080P (1920 x 1080), 720P (1280 x 720), 960H, D1
	Frame rate	240fps @ 1080P
	Audio compression	G.711u
	Synchronous playback	All channel synchronous playback
HDD	SATA	2x SATA interfaces for 2 HDDs
	Capacity	Up to 8TB capacity for each HDD
External interfaces	Network	1x 10/100/1000Mbps RJ45 interface
	USB	Front panel: 1x USB2.0, Rear panel: 1x USB2.0
	Alarm	8 in / 4 out
	RS-485	1x RS485 interface
	e-SATA	N/A
General	Power supply	12V 40W
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F), Humidity 10 - 90%
	Dimensions (WxDxH)	440 x 301.5 x 70.1mm (17.3" x 11.8" x 2.7")

HB-DVR5100E-C Series HD-DVR

HB-DVR5104E-C / HB-DVR5108E-C / HB-DVR5116E-C

Key Features

Original

- Auto adjust the frame resource to fit connected video
- All channel synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.264 video formats
- Up to 16 1080P AHD / Analog camera can be accessed
- HDMI / VGA at up to 1080P

HD Storage & Communication

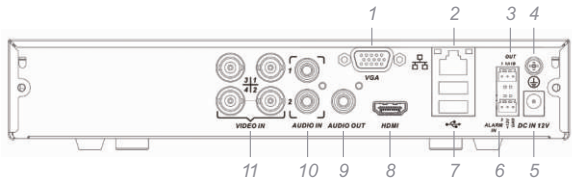
- 1 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100Mbps RJ45 interface

Special

- Auto record when camera be connected



Physical Interfaces



- 1.VGA
- 2.Network Interface
- 3.Alarm Out
- 4.GND
- 5.DC 12V
- 6.Alarm In
- 7.USB
- 8.HDMI
- 9.Audio Out
- 10.Audio In
- 11.Video In

Specifications

Model		HB-DVR5104E-C	HB-DVR5108E-C	HB-DVR5116E-C
Video / Audio input	AHD video input	4 Ch.	8 Ch.	16 Ch.
		BNC interface (1.0Vp-p, 75Ω)		
	Supported camera types	AHD / Analog, 1080P30. 1080P25, 720P30, 720P25, 960H		
	Audio input	2 Ch.		
		RCA interface (2.0Vp-p, 1KΩ)		
Video / Audio output	HDMI / VGA output	1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz		
	Audio output	RCA (Linear, 1KΩ)		
Video / Audio codec	Video compression	H.264		
	Dual-stream	Support		
	Encoding resolution	1080H (960×1080), 720P (1280×720), 960H, D1		
	Frame rate	120fps	120fps	240fps
	Audio compression	G.711u		
	Synchronous playback	All channel synchronous playback		
HDD	SATA	1 x SATA interface for 1 HDD		
	Capacity	Up to 8TB capacity for each HDD		
External interfaces	Network	1 x 10/100Mbps self-adaptive RJ45 interface		
	USB	Rear panel: 2 x USB2.0		
	Alarm	2 in / 1 out		
	RS-485	N/A		
	e-SATA	N/A		
General	Power supply	12V 24W		
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F), Humidity 10 - 90%		
	Dimensions (WxDxH)	324×256.8×53.7mm (12.7"×10.1"× 2.1")		380×290×45mm (15"×11.4"×1.8")

HB-DVR5100E-D Series HD-DVR

HB-DVR5104E-D / HB-DVR5108E-D

Key Features

Original

- Auto adjust the frame resource to fit connected video
- All channel synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.264 video formats
- Up to 16 1080P AHD / Analog camera can be accessed
- HDMI / VGA at up to 1080P

HD Storage & Communication

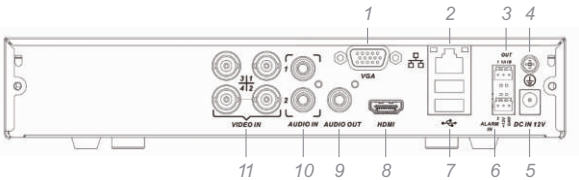
- 1 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100Mbps RJ45 interface

Special

- Auto record when camera be connected



Physical Interfaces



- 1.VGA
- 2.Network Interface
- 3.Alarm Out
- 4.GND
- 5.DC 12V
- 6.Alarm In
- 7.USB
- 8.HDMI
- 9.Audio Out
- 10.Audio In
- 11.Video In

Specifications

Model		HB-DVR5104E-D	HB-DVR5108E-D
Video / Audio input	AHD video input	4 Ch.	8 Ch.
		BNC interface (1.0Vp-p, 75Ω)	
	Supported camera types	AHD / Analog, 1080P30, 1080P25, 720P30, 720P25, 960H	
	Audio input	2 Ch.	
		RCA interface (2.0Vp-p, 1KΩ)	
Video / Audio output	HDMI / VGA output	1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz	
	Audio output	RCA (Linear, 1KΩ)	
Video / Audio codec	Video compression	H.264	
	Dual-stream	Support	
	Encoding resolution	1080P (1920×1080), 720P (1280×720), 960H, D1	
	Frame rate	60fps	120fps
	Audio compression	G.711u	
	Synchronous playback	All channel synchronous playback	
HDD	SATA	1× SATA interface for 1 HDD	
	Capacity	Up to 8TB capacity for each HDD	
External interfaces	Network	1× 10/100Mbps self-adaptive RJ45 interface	
	USB	Rear panel: 2× USB2.0	
	Alarm	4 in / 1 out	
	RS-485	N/A	1× RS485 interface
	e-SATA	N/A	
General	Power supply	12V 24W	
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F), Humidity 10 - 90%	
	Dimensions (WxDxH)	324×256.8×53.7mm (12.7"×10.1"× 2.1")	380×290×45mm (15"×11.4"×1.8")

HB-DVR5200/5400E-D Series HD-DVR

HB-DVR5216E-D / HB-DVR5416E-D

Key Features

Original

- Auto adjust the frame resource to fit connected video
- All channel synchronous playback
- Support IE, Chrome, Firefox, Safari, and browser plug-in free
- All channel synchronous live view and playback by smart phone

HD Input & Output

- H.264 video formats
- 16 1080P AHD / Analog camera can be accessed
- HDMI / VGA at up to 1080P

HD Storage & Communication

- 2/4 HDD supported, Up to 8TB for each
- 1 self-adaptive 10/100/1000Mbps RJ45 interface

Special

- Auto record when camera be connected



Specifications

Model		HB-DVR5216E-D	HB-DVR5416E-D
Video / Audio input	AHD video input	16 Ch.	
		BNC interface (1.0Vp-p, 75Ω)	
	Supported camera types	AHD / Analog, 1080P30, 1080P25, 720P30, 720P25, 960H	
	Audio input	4 Ch.	
		RCA interface (2.0Vp-p, 1KΩ)	
Video / Audio output	HDMI / VGA output	1080p (1920×1080)/60Hz, 720p (1280×720)/60Hz, UXGA (1600×1200)/60Hz, 1280×1024/60Hz	
	Audio output	RCA (Linear, 1KΩ)	
Video / Audio codec	Video compression	H.264	
	Dual-stream	Support	
	Encoding resolution	1080P (1920×1080), 720P (1280×720), 960H, D1	
	Frame rate	240fps	
	Audio compression	G.711u	
	Synchronous playback	All channel synchronous playback	
HDD	SATA	2× SATA interfaces for 2 HDDs	4× SATA interfaces for 4 HDDs
	Capacity	Up to 8TB capacity for each HDD	
External interfaces	Network	1× 10/100/1000Mbps RJ45 interface	
	USB	Front panel: 1× USB2.0, Rear panel: 1× USB2.0	
	Alarm	4 in / 1 out	
	RS-485	1× RS485 interface	
	e-SATA	N/A	
General	Power supply	12V 40W	12V 90W
	Operating condition	Temperature: -10°C – 55°C (14°F – 131°F), Humidity 10 - 90%	
	Dimensions (WxDxH)	440×301.5×70.1mm (17.3"×11.8"×2.7")	

HW-ANC584E 4 MP Fixed Lens IR Bullet Camera



Key Features

- Up to 4 Megapixel high resolution
- 1/3" CMOS progressive scan
- Up to 1500TVL resolution
- Support UTC function
- Support Smart IR function
- Up to 30 meter IR distance
- IP66 water-proof protection

Specifications

Model		HW-ANC584E
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	2560(H) x 1440 (V)
	Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
	Electronic Shutter	1 / 25s ~ 1 / 50000, Auto/Manual
	DWDR	ON/OFF by Menu
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	3.6mm (6mm optional)
	S/N Ratio	>60dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
Advanced Image	Sharpness, saturation, brightness are adjustable	
Smart IR	Yes	
General	Operating Conditions	Temperature: -10°C – 55°C; Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
	Ingress Protection	IP66

HW-ANC522E 2 MP Fixed Lens IR Bullet Camera



Key Features

- Up to 2 Megapixel high resolution
- 1/2.7" CMOS progressive scan
- Support UTC function
- Support Smart IR function
- Up to 30 meter IR distance
- IP66 water-proof protection

Specifications

Model		HW-ANC522E
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	1920 x 1080
	Min. Illumination	0 Lux (LED ON)
	Electronic Shutter	1 / 50s ~ 1 / 100000, Auto/Manual
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	3.6mm (6mm optional)
	S/N Ratio	>52dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
	Advanced Image	Sharpness, saturation, brightness are adjustable
General	Smart IR	Yes
	Operating Conditions	Temperature: -20°C – 50°C; Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
	Ingress Protection	IP66

HW-ANC554E 4 MP Fixed Lens IR Dome Camera



Key Features

- Up to 4 Megapixel high resolution
- 1/3" CMOS progressive scan
- Up to 1500TVL resolution
- Support UTC function
- Support Smart IR function
- Up to 30 meter IR distance
- IP66 water-proof protection

Specifications

Model		HW-ANC554E
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	2560(H) x 1440 (V)
	Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
	Electronic Shutter	1 / 25s ~ 1 / 50000, Auto/Manual
	DWDR	ON/OFF by Menu
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	3.6mm (6mm optional)
	S/N Ratio	>60dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
Advanced Image	Sharpness, saturation, brightness are adjustable	
Smart IR	Yes	
General	Operating Conditions	Temperature: -10°C – 55°C; Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
	Ingress Protection	IP66

HW-ANC532E 2 MP Fixed Lens IR Dome Camera



Key Features

- Up to 2 Megapixel high resolution
- 1/2.7" CMOS progressive scan
- Support UTC function
- Support Smart IR function
- Up to 30 meter IR distance
- IP66 water-proof protection

Specifications

Model		HW-ANC532E
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	1920 x 1080
	Min. Illumination	0 Lux (LED ON)
	Electronic Shutter	1 / 50s ~ 1 / 100000, Auto/Manual
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	3.6mm (6mm optional)
	S/N Ratio	>52dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
	Advanced Image	Sharpness, saturation, brightness are adjustable
General	Smart IR	Yes
	Operating Conditions	Temperature: -20°C – 50°C; Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
	Ingress Protection	IP66

HW-ANC542E 2 MP Fixed Lens IR Bullet Camera



- Key Features**
- Up to 2 Megapixel high resolution
 - 1/2.7" CMOS progressive scan
 - Support UTC function
 - Support Smart IR function
 - Up to 30 meter IR distance
 - IP66 water-proof protection

Model		HW-ANC542E
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	1920 x 1080
	Min. Illumination	0 Lux (LED ON)
	Electronic Shutter	1 / 50s ~ 1 / 100000,Auto/Manual
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	6mm (8mm optional)
	S/N Ratio	>52dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
General	Advanced Image	Sharpness, saturation, brightness are adjustable
	Smart IR	Yes
	Operating Conditions	Temperature: -20°C – 50°C; Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
Ingress Protection		IP66

HW-ANC562E 2 MP Vari-focus IR Bullet Camera



- Key Features**
- Up to 2 Megapixel high resolution
 - 1/2.7" CMOS progressive scan
 - Support UTC function
 - Support Smart IR function
 - Up to 30 meter IR distance
 - IP66 water-proof protection

Model		HW-ANC562E
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	1920 x 1080
	Min. Illumination	0 Lux (LED ON)
	Electronic Shutter	1 / 50s ~ 1 / 100000,Auto/Manual
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	2.8-12mm/ 14
	S/N Ratio	>52dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
General	Advanced Image	Sharpness, saturation, brightness are adjustable
	Smart IR	Yes
	Operating Conditions	Temperature: -20°C – 50°C;Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
Ingress Protection		IP66

HW-ANC552E 2 MP Fixed Lens IR Dome Camera



- Key Features**
- Up to 2 Megapixel high resolution
 - 1/2.7" CMOS progressive scan
 - Support UTC function
 - Support Smart IR function
 - Up to 30 meter IR distance
 - IP66 water-proof protection

Model		HW-ANC552E
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	1920 x 1080
	Min. Illumination	0 Lux (LED ON)
	Electronic Shutter	1 / 50s ~ 1 / 100000,Auto/Manual
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	3.6mm (6mm optional)
	S/N Ratio	>52dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
General	Advanced Image	Sharpness, saturation, brightness are adjustable
	Smart IR	Yes
	Operating Conditions	Temperature: -20°C – 50°C ; Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
Ingress Protection		IP66

HW-ANC572E 2 MP Vari-focus IR Dome Camera



- Key Features**
- Up to 2 Megapixel high resolution
 - 1/2.7" CMOS progressive scan
 - Support UTC function
 - Support Smart IR function
 - Up to 30 meter IR distance
 - IP66 water-proof protection

Model		HW-ANC572E
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Image System	PAL/NTSC
	Resolution	1920 x 1080
	Min. Illumination	0 Lux (LED ON)
	Electronic Shutter	1 / 50s ~ 1 / 100000,Auto/Manual
	Day & Night	Auto ICR-CUT
	IR Distance	30 m
	Lens	2.8-12mm/ 14
	S/N Ratio	>52dB
	Frame Rate	30fps (60Hz), 25fps (50Hz)
	OSD Menu	UTC control
	2D NR	Yes
	AGC	Yes
	White Balance	Yes
General	Advanced Image	Sharpness, saturation, brightness are adjustable
	Smart IR	Yes
	Operating Conditions	Temperature: -20°C – 50°C;Humidity: 90% or less (non-condensing)
	Power Supply	DC12V
	Power Consumption	Max. 1W
Ingress Protection		IP66