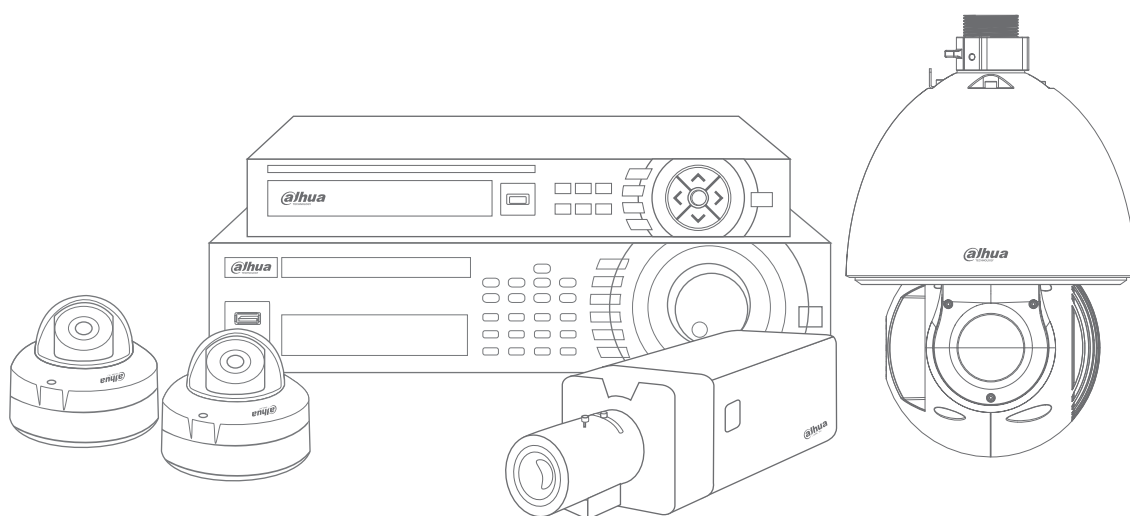


HDCVI

PRODUCT CATALOG

2014 Version 2



Company Overview



Dahua Technology is a world-leading and advanced video surveillance solution provider. The company's product portfolios include the advanced series of front-end, back-end, display, software as well as intelligent traffic solution. Dahua was the first company in China to launch 8-channel real-time embedded digital video recorder in 2001. Since then, the company keeps on investing and building strong R&D capabilities for new technology and innovation. With nearly investing 10% of sales revenue every year, Dahua has a more than 2000 professionals in R&D team, aiming to provide the cutting edge products with high quality and performance. To create win-win situation and to maximize customers' values are always our priorities.

Dahua has established sales, marketing and service network locally and globally. Besides offices in mainland China, the company also has offices or sales representatives in Asia, the Americas, Europe, Oceania, Africa and others, responding to the market with the best service and products.

Meanwhile, Dahua provides the industry leading "three-year" warranty in China's market. To-date, Dahua's products are widely applied in many fields, such as banking, public security, energy, telecommunication, intelligent-building and intelligent-transportation. Numerous major projects have been installed with Dahua's solutions, for example, the Three Gorges Hydropower Plant, Six-Country Summit, Olympic Venues, Shanghai World Expo, Kremlin Palace, Paris Charles de Gaulle Airport and London Underground as well as many others.

Dahua Technology owns 353 patents, including 16 invention patents. In China, Dahua Technology is a Safety City project recommended brand and one of China's most influential security companies. At international front, the company has been awarded "Top 10 Security Brand in China" for 10 years and has been ranking in "Security 50" by a&s magazine for 6 years. Moreover, Dahua enjoyed 6th largest market share according to 2012 IMS global report.

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1080P

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Overview

Dahua Technology releases High Definition Composite Video Interface (HDCVI) technology of Independent Intellectual Property Rights. HDCVI is a video transmission technology in high definition via coaxial cable, allowing reliable long-distance HD transmission at lower cost, while complex deployment is applicable.

HDCVI modulates video signal to level and then transmit by adopting base-band and quadrature amplitude modulation; which is also the reason of its naming. This technology avoids the cross talk of CVBS and completely separates the brightness signal and hue signal, hence further enhances video quality.

HDCVI offers two specifications — 1920H (1920×1080) and 1280H (1280×720); which are compatible with the industrial standard 1080p(1920×1080) and 720p(1280×720). In addition, the technology features a patent named auto signal compensation (ASC), which only allows an extremely low signal distortion along long-distance transmission.

HDCVI solution incorporates both cameras and DVRs, and the system is star topology structured; DVR is served as a node to have an over coax P2P (Point-to-Point) transmission to camera. Cable selection is based on transmission distance: cable 75-3 and 75-5 are recommended for transmission within 500 meters, cable 75-5 and above for over 500 meters. Connector or jointing technology could be applied for connecting and the installation is exactly the same as that of conventional analog devices, which posts no special requirements either for indoor or outdoor scenarios with better anti-interference capability offered.

To further realize multiple-signal transmission over one cable, both audio signal and dual-way data communication signal are embedded in a blanking zone; which enhances the synchronization with video signal; and max supports 44.1kHz sampling rate thanks to ASC.

The forward and reverse data channels composite in the frame blanking zone, realizing a two-way end-to-end transmission to support control commands such as camera focus, PTZ control, real-time alarm and etc. The forward outputting data supports high transmission baud rate as the sending time and electric signal baud rate are predictable, meanwhile, the receiving end is of high ASC performance; on the other hand, the reverse outputting data supports lower baud rate due to its low signal frequency and limited data, which is effected by the impedance matching. However, with ASC adopted, the reverse channel could restore electric signal during long-distance transmission at some degree.

Therefore, HDCVI is an optimal solution for megapixel high definition application, featuring non-latent long-distance transmission at lower cost.

HDCVI Chip

Dahua HDCVI chip comprises transmitting chip (TX) and receiving chip (RX), which are designed for front-end HDCVI cameras and DVRs, respectively; Chips could also be applied in fiber optic transceiver, distributor, matrix as well.

Transmitting Chip (TX)

TX interfaces includes BT1120/BT656 digital video interface, I2S audio interface and I2C configuration interface, which are all of industrial standard design, allowing TX chip to use any standard interface for ISPs and audio chips on the market.

As for analog output, in addition to HDCVI format, the TX chip is also compatible with CVBS.

The TX chip supports 1280H@25fps/30fps/50fps/60fps and 1920H@25fps/30fps.

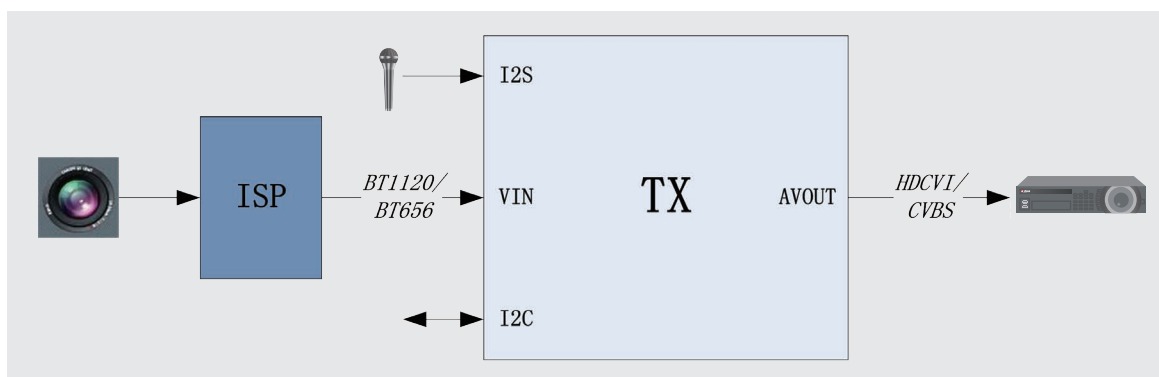


Figure 1 TX Flow Chart

The figure above shows the simplicity of HDCVI solution with TX chip adopted; its tiny size of the chip also makes itself quite suitable for the application in all kinds of camera sizes.

Receiving Chip (RX)

The RX chip supports HDCVI HD inputs and digital video outputs; I2S audio output, multiple-chip audio cascade output as well as I2C configuration interface; it also supports flexible mapping of HDCVI video input channel and digital output channel; each channel is of its own format and built-in equalizer, supporting video parameters setup such as brightness, contrast, hue, saturation, dual-way control signal transmission.

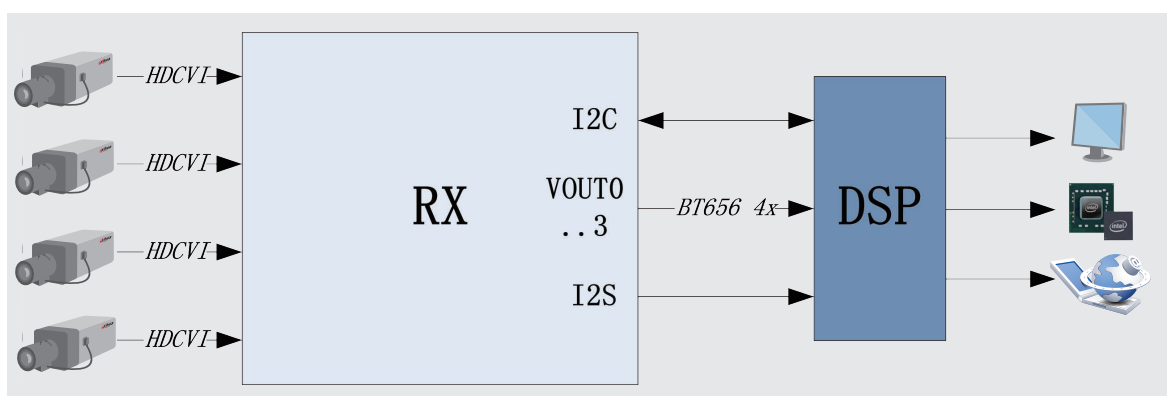


Figure 2 RX Flow Chart

As seen in Figure 2, RX chip has the same interface as AD chip in a conventional analog DVR, which is to say that it provides seamless integration with conventional DVRs; and the built-in equalizer allows HDCVI DVR to receive HD video signal up to 500 meters. The TX chip supports 1280H@25fps/30fps/50fps/60fps and 1920H@25fps/30fps.

In a word, with minor changes done on conventional cameras and DVRs shall the manufacturers embrace a brand-new HDCVI solution, which levels up image quality dramatically, but at a lower cost.

HDCVI Function

HDCVI VS. HD-SDI

Longer Transmission Distance

Both HDCVI and HD-SDI can transfer HD signal @720p/1080p, but HDCVI has a distinguished advantage at the transmission distance. With general transmission media, HD-SDI reaches 100 meters at most while HDCVI, at least, transmits 500 meters by using 75-3 cable and featuring low signal distortion rate.

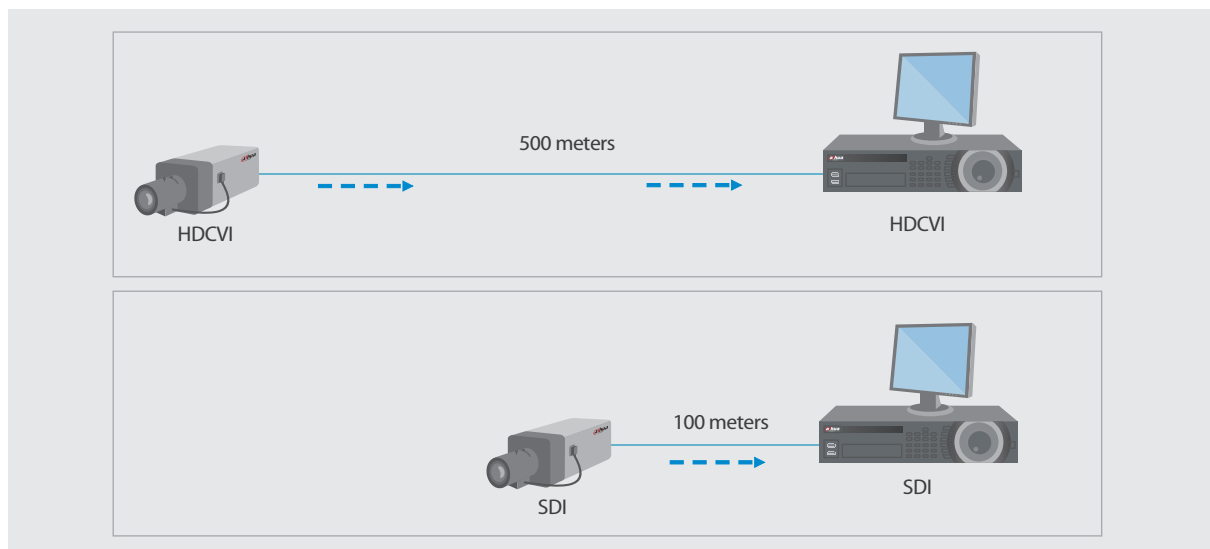


Figure 3 Contrast on Transmission Distance

Better Anti-Interference Capability

The anti-interference capability of HD-SDI solution is relatively poor when been placed against high-frequent radiation environment, which could lead to higher bit error ratio while the HDCVI adopts low-frequency modulation technology, making it free from the high-frequency wireless electric radiation to ensure stable video transmission at high image quality.

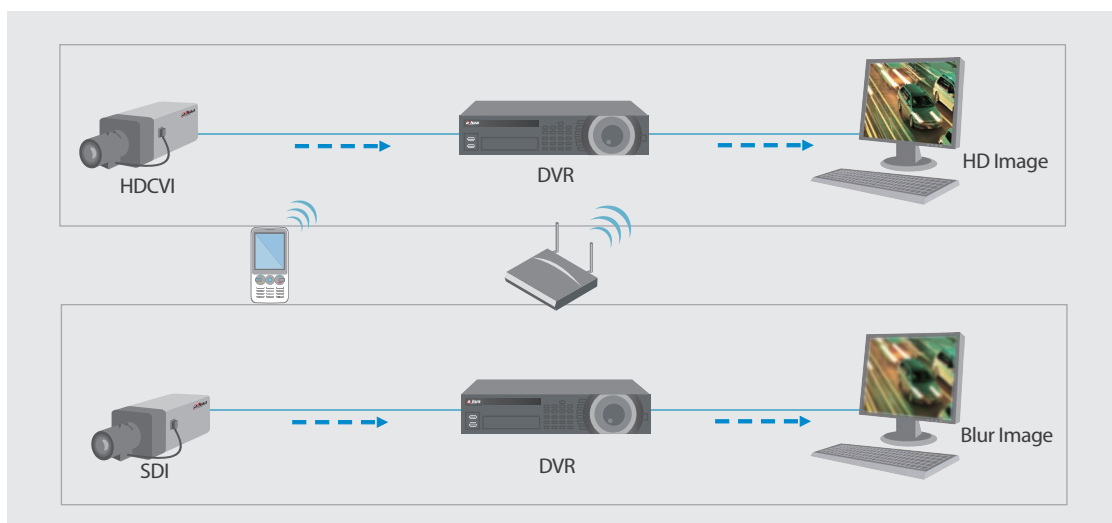


Figure 4 Anti-Interference Capability

HDCVI VS. IP

Reliability

HDCVI adopts P2P transmission to ensure a smooth and reliable transmission; while the transmission of network camera is based on Ethernet and thus may lead to network jitter and packet loss.

Real-time

The network HD features video buffer technology and the delay is controlled within 300 milliseconds in the general and fair networking environment; However, HDCVI features no latency capability for an outstanding real-time performance.

No Compression

For HDCVI, there is no compression processed to maintain its original effect and thus present in vivid image quality.

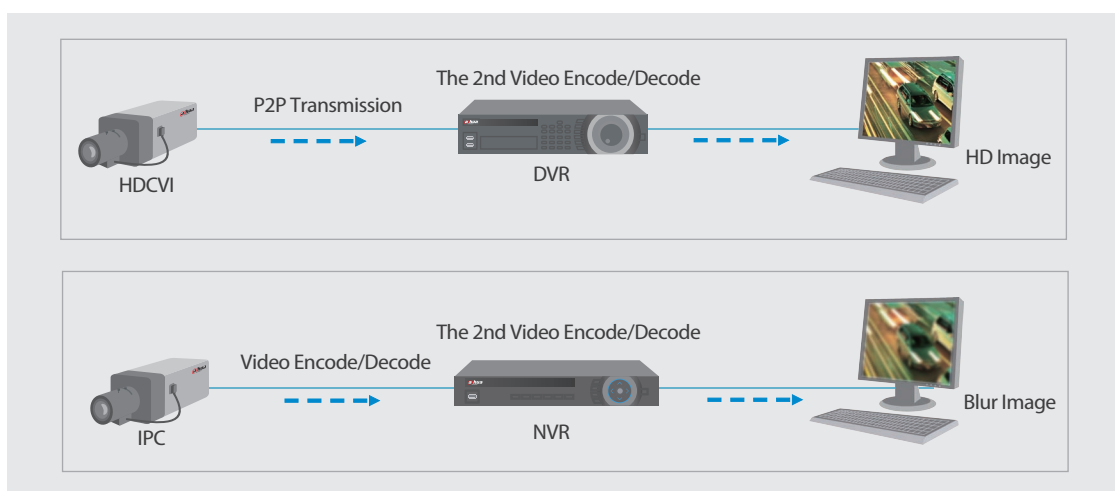


Figure 5

Highlights

Lower Cost

Unlike HD-SDI, which posts high demands on cabling and installation; HDCVI solution inherits the same installing means of conventional analog solutions, which is of great convenience and also decrease the cost.

Smart control

As HDCVI transmits multiple-signal (video/audio and dual-way data) over one cable, it realizes video/audio synchronized transmission and reverse-signal transmission control at the same time, such as PTZ and zoom control; which further simplifies the installation.

HDCVI Case Study

Dahua HDCVI Secures CICA Shanghai

Dahua Technology, a world-leading manufacturer and supplier of video surveillance products headquartered in Hangzhou, China successfully secured five-rated hotels in Shanghai with in-house HDCVI solution. These hotels were playing host to 46 national and organization leaders in Asia during the fourth summit of Conference on Interaction and Confidence-Building Measures (CICA).



CICA Shanghai was hosted during 20th to 21st of May and the conference plays a significant role in security cooperation through out Asia, Xi Jinping, President of People's Republic of China also attended and presided over the summit.

Shanghai municipal government attached great importance to the summit and spared no endeavor to make sure everything goes secured. To level up video surveillance is among on its must-do list. More than 50 reception hotels are required to upgrade surveillance system from standard definition to high definition. And the biggest challenge is under great pressure by time frame, how to make sure the image quality and product replacement would not compromise the daily reception and security concern of these five-star rated hotels.

Under such circumstance and given the fact that these hotels were dominated by conventional analog systems, it came to a natural decision to adopt Dahua HDCVI as it allows easy upgrade without changing the existing cabling while also provides long-distance and non-latent image quality. Moreover, the whole upgrade takes more or less 10 days to as cabling are remained, only cameras, DVRs along with fiber optical transceivers are replaced by HDCVI ones.



With aesthetic requirement for the hotels, HDCVI offers wide range of housings and its speed domes and box cameras are perfectly coexisting with the décor in the lobby, reception, entrance and dining areas.

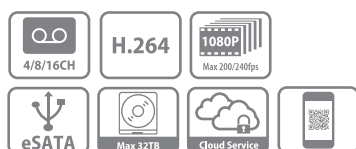
"This project demonstrates all the benefits of HDCVI and has proved applicable and workable," said Tim Shen, Overseas Marketing Director at Dahua Technology. "Within only 10 days, the whole video surveillance system has been upgraded to high definition which is not likely happened to IP solution. What HDCVI has been offered to the industry is another HD solution and this is highly gratified by our customers while cabling, cost and IP hassles are the concerned issues."



HDCVI DVR

DH-HCVR7804/7808/7816S

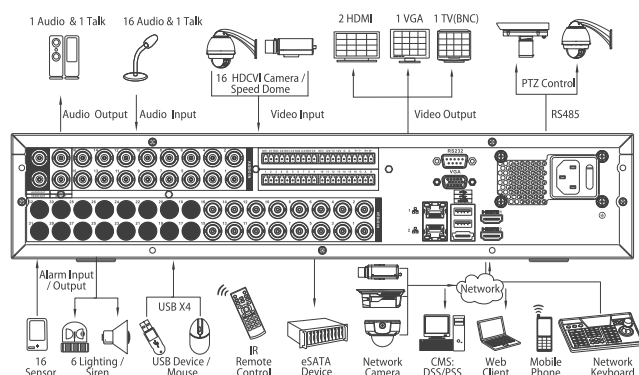
4/8/16CH Tribrid HDCVI & Analog & IP 2U DVR



Features

- Tribrid: Each channel supports HDCVI/Analog/IP Video input
- 1HDMI/VGA/TV simultaneous video output, 1 HDMI separate output
- HCVR7804/7808/7816S: All channel 1080P realtime recording
- Up to 1080p realtime live view
- H.264 dual-stream video compression
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



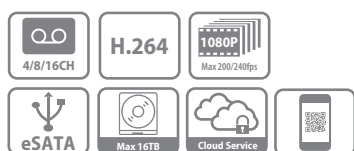
Technical Specifications

Model	DH-HCVR7804S		DH-HCVR7808S	DH-HCVR7816S
System				
Main Processor		Embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel	8 channel	16 channel
Standard	HDCVI	1080P/720P HDCVI Camera		
	Analog	NTSC(525Line, 60f/s), PAL(625Line, 50f/s),Effio 960H Camera		
	IP	1080P/720P/D1/CIF IP Camera		
Audio				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Output		1 channel, BNC		
Two-way Talk		1 channel input,1channel output, BNC		
Display				
Interface		2 HDMI, 1 VGA, TV		
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split		1/4	1/4/8/9	1/4/8/9/16
Privacy Masking		4 rectangular zones (each camera)		
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording				
Video/Audio Compression		H.264/G.711		
Resolution		1080P(1920×1080) / 720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps)		
Bit Rate		48~6144Kb/s		
Record Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval		1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm				
Trigger Event		Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips		
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input		4 channel	8 channel	16 channel
Relay Output		6 channel		
Playback & Backup				
Sync Playback		1/4	1/4/9	1/4/9/16
Search Mode		Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode		USB Device/eSATA Device/Internal SATA burner/Network		
Network				
Ethernet		2RJ-45 port (10/100M/1000M)		
Network Functions		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server,SNMP,P2P		
Max. User Access		128 users		
Smart Phone		iPhone, iPad, Android, Windows Phone		
Storage				
Internal HDD		8 SATA ports, up to 32TB		
External HDD		1 eSATA port, up to 16TB		
Auxiliary Interface				
USB Interface		4 ports(2 Rear), USB2.0		
RS232		1 port, For PC communication & Keyboard		
RS485		1 port RS485 for PTZ control,1 port RS422 for Keyboard		
General				
Power Supply		AC 100~240 V, 50/60 Hz		
Power Consumption		40W(without HDD)		
Working Environment		-10℃~+55℃/10%~90%RH/86~106kpa		
Dimension(W×D×H)		2U, 440mm×460mm×89mm		
Weight		6.5kg(without HDD)		

* Takes HCVR7816S as an example

DH-HCVR7404/7408/7416L

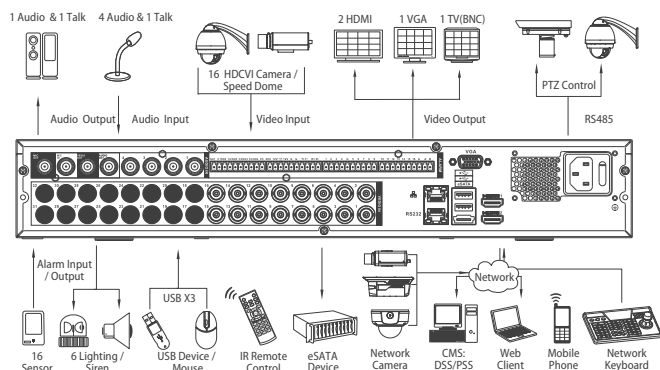
4/8/16CH Tribrid HDCVI & Analog & IP 1.5U DVR



Features

- Tribrid: Each channel supports HDCVI/Analog/IP Video input
- 1HDMI/VGA/TV simultaneous video output, 1 HDMI separate output
- HCVR7404/7408/7416L: All channel 1080P realtime recording
- Up to 1080p realtime live view
- H.264 dual-stream video compression
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR7416L as an example

Technical Specifications

Model	DH-HCVR7404L		DH-HCVR7408L		DH-HCVR7416L		
System							
Main Processor		Embedded processor					
Operating System		Embedded LINUX					
Video							
Input		4 channel		8 channel		16 channel	
Standard	HDCVI	1080P/720P HDCVI Camera					
	Analog	NTSC(525Line, 60f/s), PAL(625Line, 50f/s),Effio 960H Camera					
	IP	1080P/720P/D1/CIF IP Camera					
Audio							
Input		4 channel, BNC					
Output		1 channel, BNC					
Two-way Talk		1 channel input, 1channel output, BNC					
Display							
Interface		2 HDMI, 1 VGA, 1TV					
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768, 800×600					
Display Split		1/4		1/4/8/9		1/4/8/9/16	
Privacy Masking		4 rectangular zones (each camera)					
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording							
Video/Audio Compression		H.264/G.711					
Resolution		1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/CIF(352×288/352×240)/QCIF(176×144/176×120)					
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)					
	Extra stream	CIF/QCIF(1~25/30fps)					
Bit Rate		48~6144Kb/s					
Record Mode		Manual, Schedule(Regular(Continuous), MD), Stop					
Record Interval		1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection & Alarm							
Trigger Event		Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips					
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank					
Alarm Input		4 channel		8 channel		16 channel	
Relay Output		6 channel					
Playback & Backup							
Sync Playback		1/4		1/4/9		1/4/9/16	
Search Mode		Time/Date, MD & Exact search (accurate to second)					
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode		USB Device/eSATA Device/Internal SATA burner/Network					
Network							
Ethernet		RJ-45 port (10/100M/1000M)					
Network Functions		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,SNMP,P2P					
Max. User Access		128 users					
Smart Phone		iPhone, iPad, Android, Windows Phone					
Storage							
Internal HDD		4 SATA ports, up to 16TB					
External HDD		1 eSATA port, up to 16TB					
Auxiliary Interface							
USB Interface		3 ports(2 Rear),USB2.0					
RS232		1 port, For PC communication & Keyboard					
RS485		1 port RS485 for PTZ control,1 port RS422 for Keyboard					
General							
Power Supply		AC 100~240 V, 50/60 Hz					
Power Consumption		40W (without HDD)					
Working Environment		-10℃ ~+55℃ / 10%~90%RH / 86~106kpa					
Dimension(W×D×H)		1.5U, 440mm×416mm×68mm					
Weight		6.0kg (without HDD)					

DH-HCVR7204/7208A

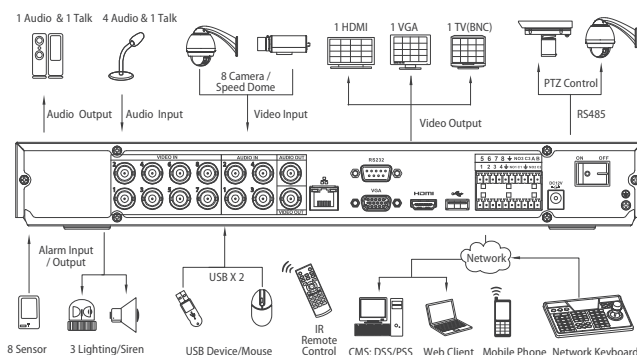
4/8CH 1080P 1U HDCVI DVR



Features

- Up to 4/8 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR7204/7208A: All channel 1080P realtime recording
- HDMI / VGA / TV simultaneous video output
- 4 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR7208A as an example

Technical Specifications

Model	DH-HCVR7204A		DH-HCVR7208A	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC		8 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4		1/4/8/9	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264 / G.711			
Resolution	1080P(1920×1080)/(720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~6144Kb/s			
Record Mode	Manual, Scheduled(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel		8 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device / Network / Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports, up to 8TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/5A			
Power Consumption	15W(without HDD)			
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	1U, 375mm×285mm×55mm			
Weight	2.35kg (without HDD)			

DH-HCVR7104/7108HE-V2

NEW!

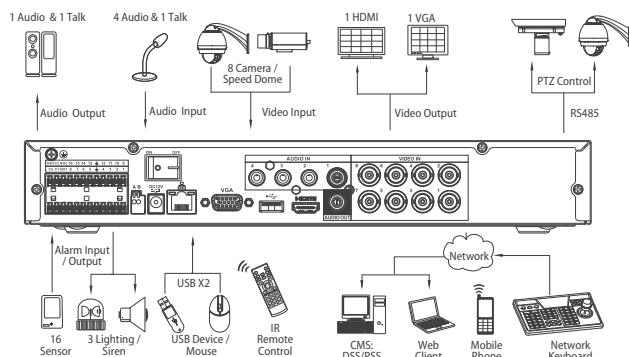
4/8CH 1080P Mini 1U HDCVI DVR



Features

- Up to 4/8 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR7104/7108HE-V2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR7108HE-V2 as an example

Technical Specifications

Model	DH-HCVR7104HE-V2		DH-HCVR7108HE-V2	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC		8 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4		1/4/8/9	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)		
Bit Rate	48~6144Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel		16 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports(1 Rear), USB2.0			
RS485	1 port, For PTZ Control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W (without HDD)			
Working Environment	-10℃ ~ +55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

DH-HCVR7104/7108H-V2 NEW!

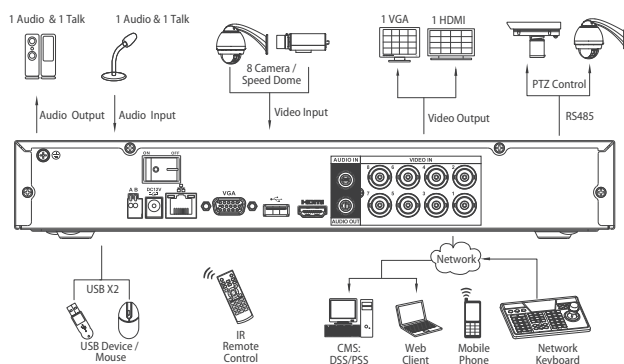
4/8CH 1080P Mini 1U HDCVI DVR



Features

- Up to 4/8 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR7104/7108H-V2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR7108H-V2 as an example

Technical Specifications

Model	DH-HCVR7104H-V2		DH-HCVR7108H-V2	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC		8 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	1 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4		1/4/8/9	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)		
Bit Rate	48~6144Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports(1 Rear), USB2.0			
RS485	1 port, For PTZ Control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W (without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

DH-HCVR7104/7108HC-V2

NEW!

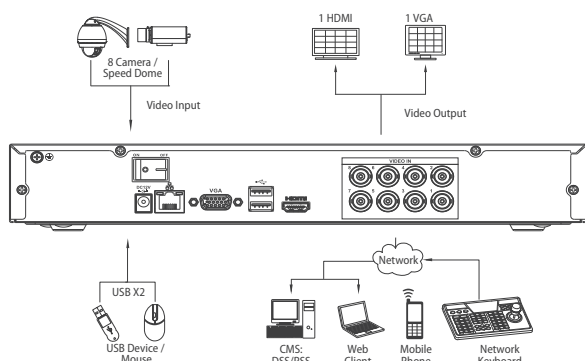
4/8CH 1080P Mini 1U HDCVI DVR



Features

- Up to 4/8 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR7104/7108HC-V2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



*Takes HCVR7108HC-V2 as an example

Technical Specifications

Model	DH-HCVR7104HC-V2		DH-HCVR7108HC-V2	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC		8 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4		1/4/8/9	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	1080P /720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)		
Bit Rate	48~6144Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports(2 Rear), USB2.0			
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

DH-HCVR7104C-V2

NEW!

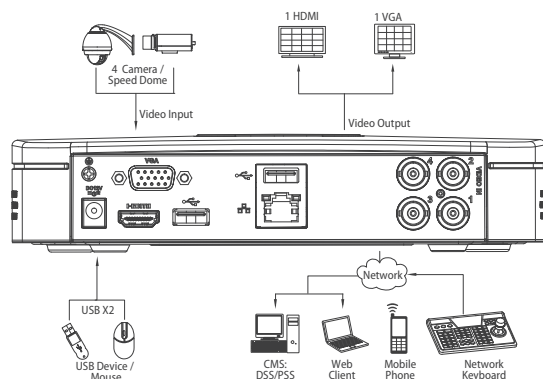
4CH 1080P Smart 1U HDCVI DVR



Features

- Up to 4 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR7104C-V2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



*Takes HCVR7104C-V2 as an example

Technical Specifications

Model	DH-HCVR7104C-V2
System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Video	
Input	4 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Display	
Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600
Display Split	1/4
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264/G.711
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)
Record Rate	Main stream 1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)
	Extra stream CIF/QCIF(1~25/30fps), D1(1~12/15fps)
Bit Rate	48~6144Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, MD & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Internal SATA burner/Network
Network	
Ethernet	RJ-45 port (10/100M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	1 SATA port, up to 4TB
Auxiliary Interface	
USB Interface	2 ports(2 Rear), USB2.0
General	
Power Supply	DC12V/2A
Power Consumption	10W (without HDD)
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	205mm×205mm×40mm
Weight	0.5kg (without HDD)

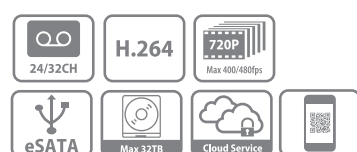
HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5824/5832S

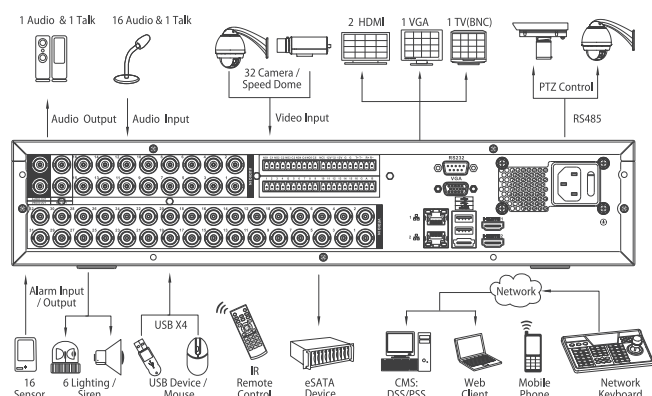
24/32CH 720P 2U HDCVI DVR



Features

- Up to 24/32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5824/5832S: All channel 720P realtime recording
- HDMI/VGA/TV simultaneous video output
- 16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



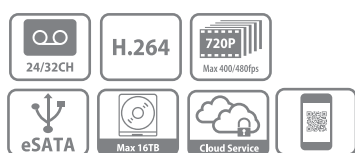
* Takes HCVR5832S as an example

Technical Specifications

Model	DH-HCVR5824S		DH-HCVR5832S	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	24 channel, BNC		32 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	16 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	2 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4/8/9/16/25		1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	2RJ-45 port (10/100M/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	8 SATA ports, up to 32TB			
External HDD	1 eSATA port, up to 16TB			
Auxiliary Interface				
USB Interface	4 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port RS485 for PTZ control,1 port RS422 for Keyboard			
General				
Power Supply	AC 100~240 V, 50/60 Hz			
Power Consumption	40W (without HDD)			
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	2U, 440mm×460mm×89mm			
Weight	6.5kg (without HDD)			

DH-HCVR5424/5432L

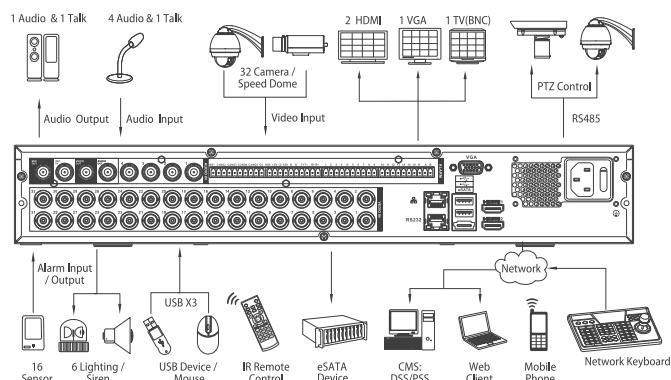
24/32CH 720P 1.5U HDCVI DVR



Features

- Up to 24/32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5424/5432L: All channel 720P realtime recording
- HDMI/VGA/TV simultaneous video output
- 16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR5432L as an example

Technical Specifications

Model	DH-HCVR5424L		DH-HCVR5432L	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	24 channel, BNC		32 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	2 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4/8/9/16/25		1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	4 SATA ports, up to 16TB			
External HDD	1 eSATA port, up to 16TB			
Auxiliary Interface				
USB Interface	3 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port RS485 for PTZ control, 1 port RS422 for Keyboard			
General				
Power Supply	AC 100~240 V, 50/60 Hz			
Power Consumption	40W (without HDD)			
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	6.0kg (without HDD)			

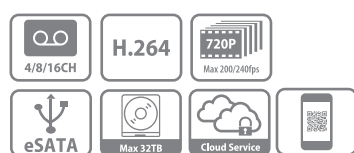
HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5804/5808/5816S

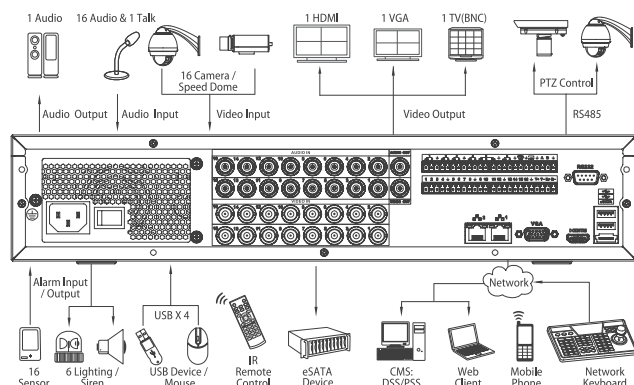
4/8/16CH 720P 2U HDCVI DVR



Features

- Up to 4/8/16 channel video 1080p realtime live view
- H.264 dual-stream video compression
- HCVR5804/5808/5816S: All channel 720P realtime recording
- HDMI / VGA / TV simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



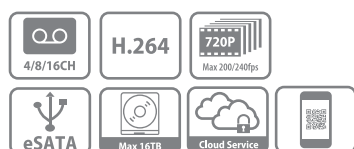
* Takes HCVR5816S as an example

Technical Specifications

Model	DH-HCVR5804S		DH-HCVR5808S		DH-HCVR5816S		
System							
Main Processor		Embedded processor					
Operating System		Embedded LINUX					
Video							
Input		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Standard		NTSC(525Line, 60f/s), PAL(625Line, 50f/s)					
Audio							
Input		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Output		1 channel, BNC					
Two-way Talk		Reuse audio input/output channel 1					
Display							
Interface		1 HDMI, 1 VGA ,1 TV					
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768					
Display Split		1/4		1/4/8/9		1/4/8/9/16	
Privacy Masking		4 rectangular zones (each camera)					
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording							
Video/Audio Compression		H.264 / G.711					
Resolution		720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)					
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)					
	Extra stream	CIF/QCIF(1~25/30fps)					
Bit Rate		48~4096Kb/s					
Record Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop					
Record Interval		1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection & Alarm							
Trigger Event		Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips					
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank					
Alarm Input		4 channel		8 channel		16 channel	
Relay Output		6 channel					
Playback & Backup							
Sync Playback		1/4		1/4/9		1/4/9/16	
Search Mode		Time/Date, Alarm, MD & Exact search (accurate to second), Smart search					
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode		USB Device / eSATA Device / Internal SATA burner/ Network					
Network							
Ethernet		2RJ-45 port (10/100M/1000M)					
Network Functions		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server,SNMP,P2P					
Max. User Access		128 users					
Smart Phone		iPhone, iPad, Android, Windows Phone					
Storage							
Internal HDD		8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB					
External HDD		1 eSATA port (Max 4 SATA HDDs), up to 16TB					
Auxiliary Interface							
USB Interface		4 ports (2 Rear), USB2.0					
RS232		1 port, For PC communication & Keyboard					
RS485		1 port RS485 for PTZ control,1 port RS422 for Keyboard					
General							
Power Supply		AC 100~240 V, 50/60 Hz					
Power Consumption		40W (without HDD)					
Working Environment		-10 ~+55°C / 10~90%RH / 86~106kpa					
Dimension(W×D×H)		2U, 440mm×460mm×89mm					
Weight		6.5kg (without HDD)					

DH-HCVR5404/5408/5416L

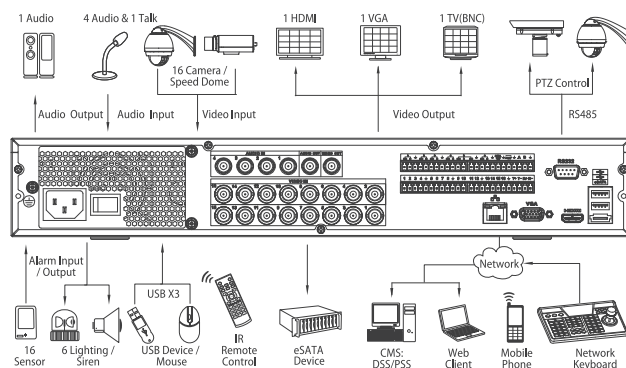
4/8/16CH 720P 1.5U HDCVI DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5404/5408/5416L: All channel 720P realtime recording
- HDMI / VGA / TV simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR5416L as an example

Technical Specifications

Model	DH-HCVR5404L		DH-HCVR5408L	DH-HCVR5416L
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264 / G.711			
Resolution	720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel	8 channel	16 channel	
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device / eSATA Device / Internal SATA burner/ Network			
Network				
Ethernet	RJ-45 port (10/100M/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	4 SATA ports, up to 16TB			
External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB			
Auxiliary Interface				
USB Interface	3 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port RS485 for PTZ control,1 port RS422 for Keyboard			
General				
Power Supply	AC 100~240 V, 50/60 Hz			
Power Consumption	40W (without HDD)			
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	6.0kg (without HDD)			

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5204/5208/5216L

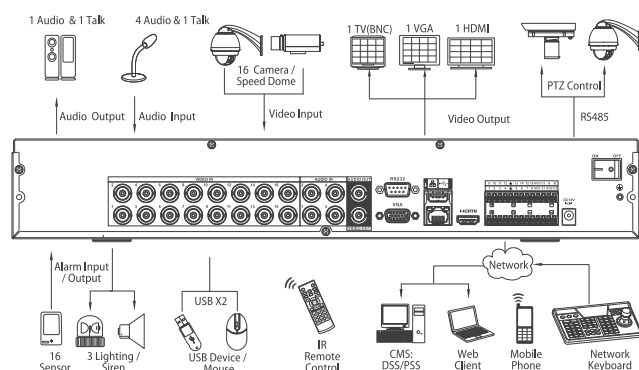
4/8/16CH 720P 1.5U HDCVI DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5204/5208/5216L: All channel 720P realtime recording
- HDMI/VGA/TV simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR5216L as an example

Technical Specifications

Model	DH-HCVR5204L		DH-HCVR5208L		DH-HCVR5216L	
System						
Main Processor	Embedded processor					
Operating System	Embedded LINUX					
Video						
Input	4 channel, BNC		8 channel, BNC		16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)					
Audio						
Input	4 channel, BNC					
Output	1 channel, BNC					
Two-way Talk	Reuse audio input/output channel 1					
Display						
Interface	1 HDMI, 1 VGA,1 TV					
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600					
Display Split	1/4		1/4/8/9		1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)					
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording						
Video/Audio Compression	H.264/G.711					
Resolution	720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)					
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)				
	Extra stream	CIF/QCIF(1~25/30fps)				
Bit Rate	48~4096Kb/s					
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop					
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection & Alarm						
Trigger Event	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips					
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank					
Alarm Input	4 channel		8 channel		16 channel	
Relay Output	3 channel					
Playback & Backup						
Sync Playback	1/4		1/4/9		1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)					
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode	USB Device/Internal SATA burner/Network					
Network						
Ethernet	RJ-45 port (10/100M/1000M)					
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P					
Max. User Access	128 users					
Smart Phone	iPhone, iPad, Android, Windows Phone					
Storage						
Internal HDD	2 SATA ports, up to 8TB					
Auxiliary Interface						
USB Interface	2 ports(1 Rear), USB2.0					
RS232	1 port, For PC communication & Keyboard					
RS485	1 port, For PTZ control					
General						
Power Supply	DC12V/5A					
Power Consumption	15W(without HDD)					
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa					
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm					
Weight	5.0kg (without HDD)					

DH-HCVR5204/5208/5216A

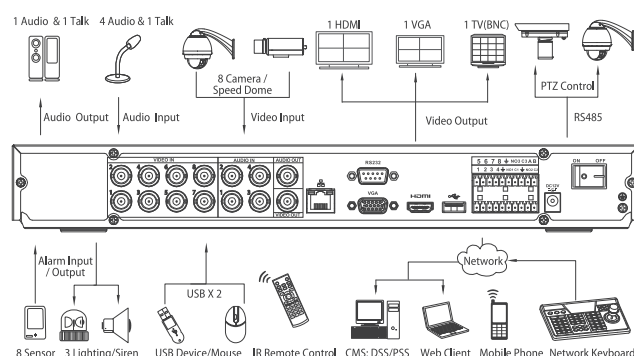
4/8/16CH 720P 1U HDCVI DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5204/5208/5216A: All channel 720P realtime recording
- HDMI/VGA/TV simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR5208A as an example

Technical Specifications

Model	DH-HCVR5204A		DH-HCVR5208A		DH-HCVR5216A	
System						
Main Processor	Embedded processor					
Operating System	Embedded LINUX					
Video						
Input	4 channel, BNC		8 channel, BNC		16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)					
Audio						
Input	4 channel, BNC					
Output	1 channel, BNC					
Two-way Talk	Reuse audio input/output channel 1					
Display						
Interface	1 HDMI, 1 VGA, 1 TV					
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600					
Display Split	1/4		1/4/8/9		1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)					
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording						
Video/Audio Compression	H.264 / G.711					
Resolution	720P(1280×720) / 960H(960×576/960×480) / D1 / 4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)					
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)				
	Extra stream	CIF/QCIF(1~25/30fps)				
Bit Rate	48~4096Kb/s					
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop					
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection & Alarm						
Trigger Event	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips					
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank					
Alarm Input	4 channel		8 channel		16 channel	
Relay Output	3 channel					
Playback & Backup						
Sync Playback	1/4		1/4/9		1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)					
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode	USB Device / Network / Internal SATA burner					
Network						
Ethernet	RJ-45 port (10/100M/1000M)					
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter,SNMP,P2P					
Max. User Access	128 users					
Smart Phone	iPhone, iPad, Android, Windows Phone					
Storage						
Internal HDD	2 SATA ports, up to 8TB					
Auxiliary Interface						
USB Interface	2 ports(1 Rear), USB2.0					
RS232	1 port, For PC communication & Keyboard					
RS485	1 port, For PTZ control					
General						
Power Supply	DC12V/5A					
Power Consumption	15W(without HDD)					
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa					
Dimension(W×D×H)	1U, 375mm×285mm×55mm					
Weight	2.35kg (without HDD)					

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5104/5108/5116HE-V2

NEW!

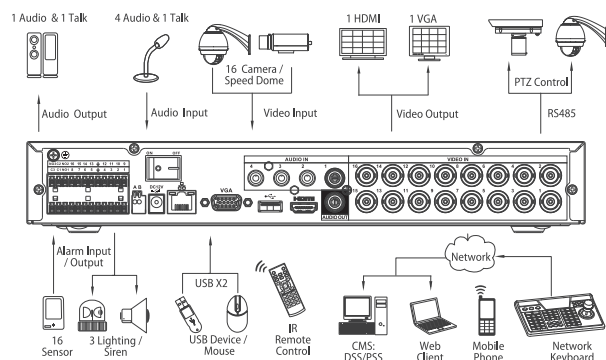
4/8/16CH 720P Mini 1U HDCVI DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5104/5108/5116HE-V2: All channel 720P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



*Takes HCVR5116HE-V2 as an example

Technical Specifications

Model	DH-HCVR5104HE-V2		DH-HCVR5108HE-V2	DH-HCVR5116HE-V2
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel	8 channel	16 channel	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	1080P(1~12/15fps)/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel	8 channel	16 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports(1 Rear), USB2.0			
RS485	1 port, For PTZ Control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W (without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

DH-HCVR5104/5108/5116H-V2 NEW!

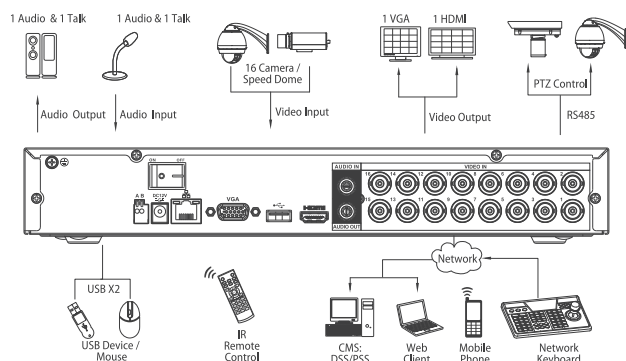
4/8/16CH 720P Mini 1U HDCVI DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5104/5108/5116H-V2: All channel 720P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



*Takes HCVR5116H-V2 as an example

Technical Specifications

Model	DH-HCVR5104H-V2		DH-HCVR5108H-V2	DH-HCVR5116H-V2
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	1 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	1080P(1~12/15fps)/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,SNMP,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports(1 Rear), USB2.0			
RS485	1 port, For PTZ Control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W (without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5ka (without HDD)			

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5104/5108/5116HC-V2 NEW!

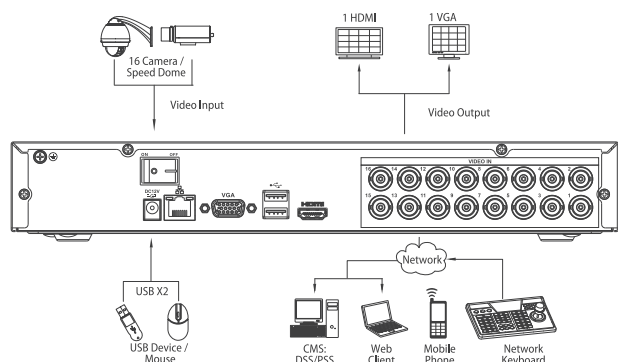
4/8/16CH 720P Mini 1U HDCVI DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5104/5108/5116HC-V2: All channel 720P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Takes HCVR5116HC-V2 as an example

Technical Specifications

Model	DH-HCVR5104HC-V2	DH-HCVR5108HC-V2	DH-HCVR5116HC-V2
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Display			
Interface	1 HDMI, 1 VGA		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Record Rate	Main stream	1080P(1~12/15fps)/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)	
Bit Rate	48~4096Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection			
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, MD & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Internal SATA burner/Network		
Network			
Ethernet	RJ-45 port (10/100M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,SNMP,P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	1 SATA port, up to 4TB		
Auxiliary Interface			
USB Interface	2 ports(2 Rear), USB2.0		
General			
Power Supply	DC12V/2A		
Power Consumption	10W (without HDD)		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm		
Weight	1.5kg (without HDD)		

DH-HCVR5104/5108C-V2 NEW!

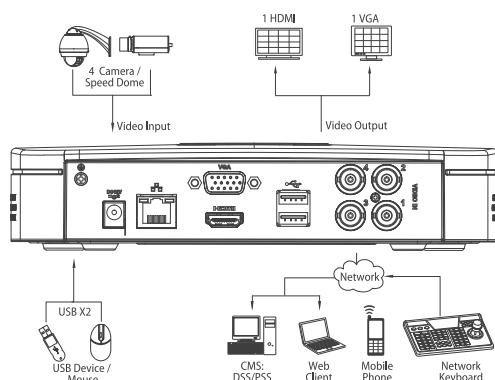
4/8CH 720P Smart 1U HDCVI DVR



Features

- Up to 4/8 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- HCVR5104/5108C-V2: All channel 720P realtime recording
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



*Takes HCVR5104C-V2 as an example

Technical Specifications

Model	DH-HCVR5104C-V2		DH-HCVR5108C-V2	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC		8 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4		1/4/8/9	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
Record Rate	Main stream	1080P(1~12/15fps)/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Internal SATA burner/Network			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports(2 Rear), USB2.0			
General				
Power Supply	DC12V/2A			
Power Consumption	10W (without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	205mm×205mm×40mm			
Weight	0.5kg (without HDD)			

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera



HDCVI Camera

DH-HAC-HFW2220R-Z NEW!

2.48Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



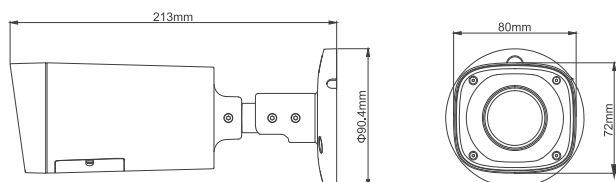
Features

- 1/2.9" 2.48Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HFW2220RP-Z	DH-HAC-HFW2220RN-Z
Camera		
Image Sensor	1/2.9" 2.48Megapixel CMOS	
Effective Pixels	1984(H)×1105(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Mini. Illumination	0.005Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	30m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm motorized	
Lens Type	Motorized / Fixed Iris	
Mount Type	Φ14	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 7.5W	
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions(W×D×H)	213mm×80mm×72mm	
Weight	0.55Kg	

Dimensions (mm)



DH-HAC-HFW2220R-VF NEW!

2.48Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Technical Specifications

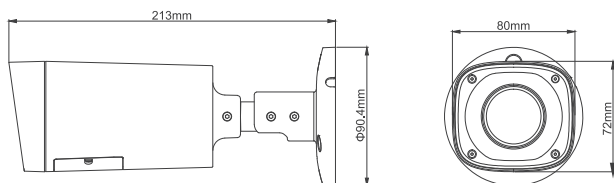
Model	DH-HAC-HFW2220RP-VF	DH-HAC-HFW2220RN-VF
Camera		
Image Sensor	1/2.9" 2.48Megapixel CMOS	
Effective Pixels	1984(H)×1105(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.005Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	30m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm	
Lens Type	Manual / Fixed Iris	
Mount Type	Φ14	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 5W	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions	213mm×80mm×72mm	
Weight	0.55Kg	



Features

- 1/2.9" 2.48Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



DH-HAC-HDBW2220R-Z

NEW!

2.48Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



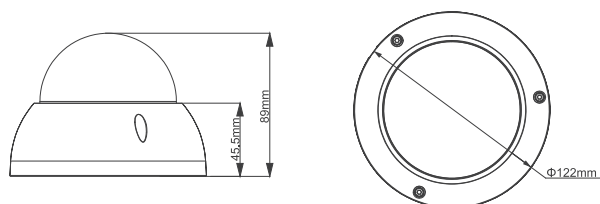
Features

- 1/2.9" 2.48Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m, Smart IR
- IP66, IK10, DC12V

Technical Specifications

Model	DH-HAC-HDBW2220RP-Z	DH-HAC-HDBW2220RN-Z
Camera		
Image Sensor	1/2.9" 2.48Megapixel CMOS	
Effective Pixels	1984(H)×1105(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Mini. Illumination	0.005Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	30m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm motorized	
Lens Type	Motorized / Fixed Iris	
Mount Type	Φ14	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 9.6W	
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66 & IK10	
Dimensions(W×D×H)	Φ122mm×89mm	
Weight	0.45kg	

Dimensions (mm)



DH-HAC-HDBW2220R-VF NEW!

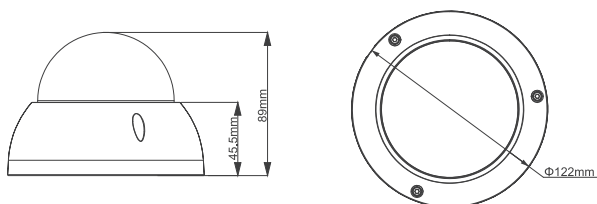
2.48Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.9" 2.48Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDBW2220RP-VF	DH-HAC-HDBW2220RN-VF
Camera		
Image Sensor	1/2.9" 2.48Megapixel CMOS	
Effective Pixels	1984(H)×1105(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.005Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	30m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm	
Lens Type	Manual / Fixed Iris	
Mount Type	Φ14	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 5W	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66 & IK10	
Dimensions	Φ122mm×89mm	
Weight	0.45kg	

DH-HAC-HFW2200E

2Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



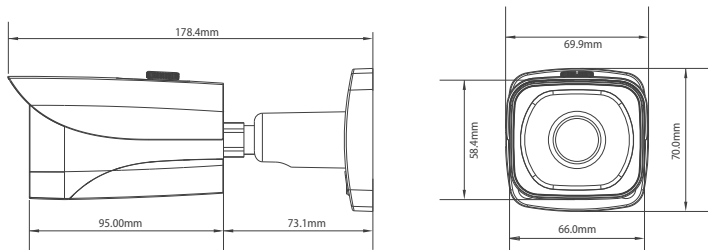
Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- Full HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HFW2200EP		DH-HAC-HFW2200EN	
Camera				
Image Sensor	1/3" 2Megapixel CMOS			
Effective Pixels	1920(H)×1080(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P			
Synchronization	Internal			
Mini. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	6mm fixed lens (2.8mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4.5W			
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)			
Transmission Distance	Over 300m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	178.4mm×69.9mm×70.0mm			
Weight	0.5kg			

Dimensions (mm)



DH-HAC-HFW2200D(-B)

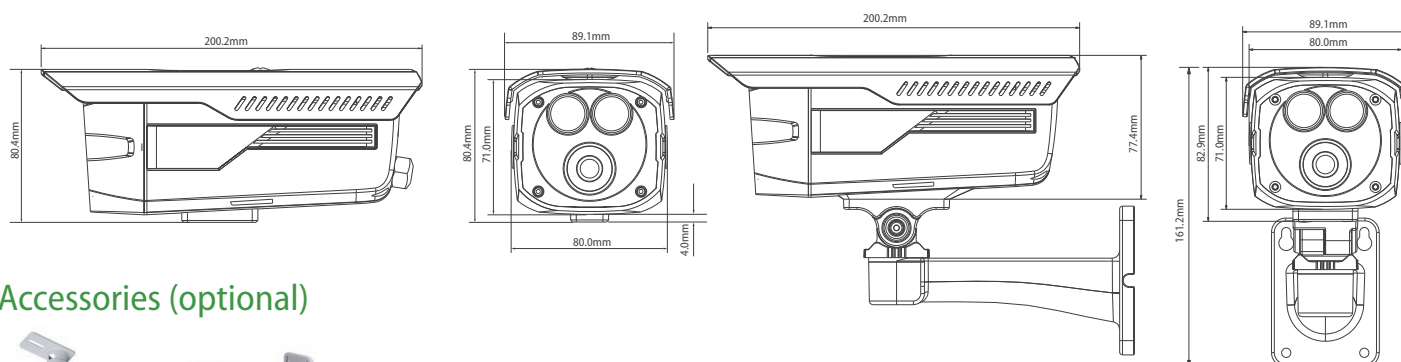
2Megapixel 1080P Water-proof IR HDCVI Camera



Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 8mm fixed lens (3.6 mm, 6mm, 12mm, 16mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP66, DC12V
- Default with bracket (HFW2200D-B)

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW2200DP	DH-HAC-HFW2200DN	DH-HAC-HFW2200DP-B	DH-HAC-HFW2200DN-B
Camera				
Image Sensor	1/3" 2Megapixel CMOS			
Effective Pixels	1920(H)×1080(V)			
Electronic Shutter	1/3(s)~1/100,000s			
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P			
Synchronization	Internal			
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	50m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	8mm fixed lens (3.6mm, 6mm, 12mm, 16mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 8W			
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)			
Transmission Distance	Over 300m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	200.2mm×89.1mm×80.4mm		200.2mm×89.1mm×161.2mm	
Weight	0.45kg		0.58kg	
Others	N/A		Default: bracket included	

DH-HAC-HFW2200B (-B)

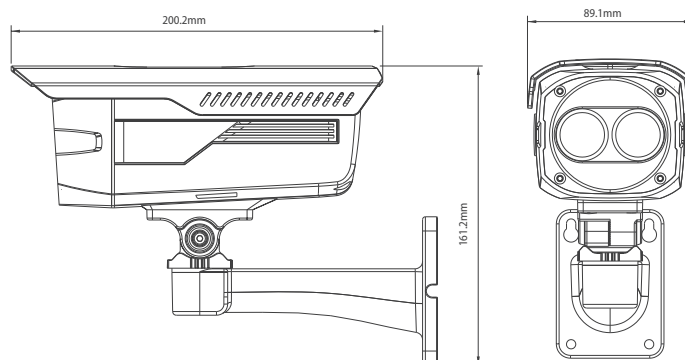
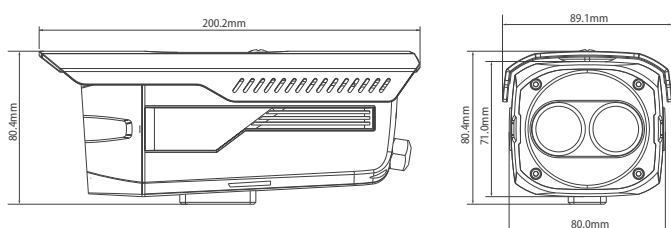
2Megapixel 1080P Water-proof IR HDCVI Camera



Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V
- Default with bracket (HFW2200B-B)

Dimensions(mm)



Accessories (optional)



PFB120W

PFB121W

Technical Specifications

Model	DH-HAC-HFW2200BP	DH-HAC-HFW2200BN	DH-HAC-HFW2200BP-B	DH-HAC-HFW2200BN-B
Camera				
Image Sensor	1/3" 2Megapixel CMOS			
Effective Pixels	1920(H)×1080(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P			
Synchronization	Internal			
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / B&W / Color			
Noise Reduction	3D/2D			
OSD Menu	Support			
Lens				
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 6.5W			
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 300m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	200.2mm×89.1mm×80.4mm		200.2mm×89.1mm×161.2mm	
Weight	0.45kg		0.58kg	
Others	N/A		Default: bracket included	

DH-HAC-HFW2200S

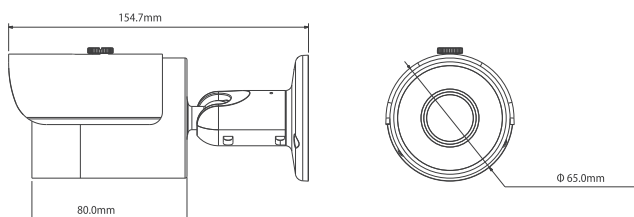
2Megapixel 1080P Water-proof IR HDCVI Camera



Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



PFA130

Technical Specifications

Model	DH-CA-HFW2200SP	DH-CA-HFW2200SN
Camera		
Image Sensor	1/3" 2Megapixel CMOS	
Effective Pixels	1920(H)×1080(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	20m, Smart IR	
Day/Night	Auto(ICR) / B&W / Color	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 4.5W	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions(W×D×H)	Φ65mm×154.7mm	
Weight	0.38kg	
Others	Default: bracket included	

DH-HAC-HFW2220RM NEW!

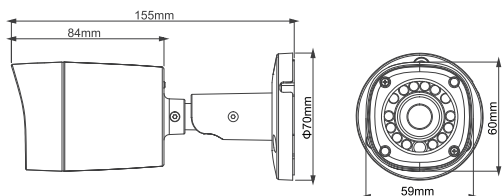
2.48Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.9" 2.48Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (3.6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HFW2220RMP	DH-HAC-HFW2220RMN
Camera		
Image Sensor	1/2.9" 2.48Megapixel CMOS	
Effective Pixels	1984(H)×1105(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.005Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	20m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	6mm fixed lens (3.6mm optional)	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 4W	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions(W×D×H)	Φ70mm×155mm	
Weight	0.3Kg	
Others	Default: bracket included	

DH-HAC-HDBW2200E NEW!

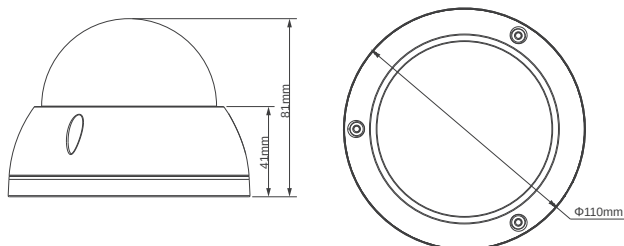
2Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDBW2200EP		DH-HAC-HDBW2200EN	
Camera				
Image Sensor	1/3" 2Megapixel CMOS			
Effective Pixels	1920(H)×1080(V)			
Electronic Shutter	4/25s~1/45,000s		4/30s~1/54,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P			
Synchronization	Internal			
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4W			
Working Environment	-30°C~-60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 300m via 75-3 coaxial cable			
Ingress Protection	IP66 & IK10			
Dimensions(W×D×H)	Φ110mm×81.0mm			
Weight	0.3Kg			

DH-HAC-HDW2200M

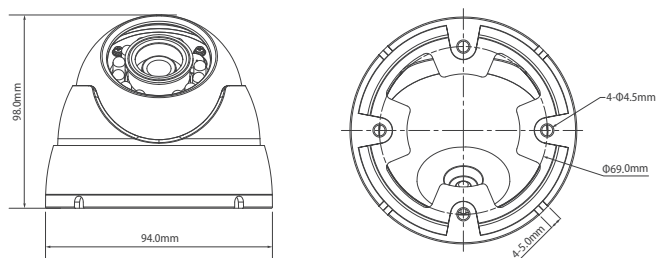
2Megapixel 1080P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDW2200MP	DH-HAC-HDW2200MN
Camera		
Image Sensor	1/3" 2Megapixel CMOS	
Effective Pixels	1920(H)×1080(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	20m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	3D/2D	
OSD Menu	Support	
Lens		
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 6W	
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions	Φ94.0mm×98mm	
Weight	0.33kg	

DH-HAC-HDW2200S

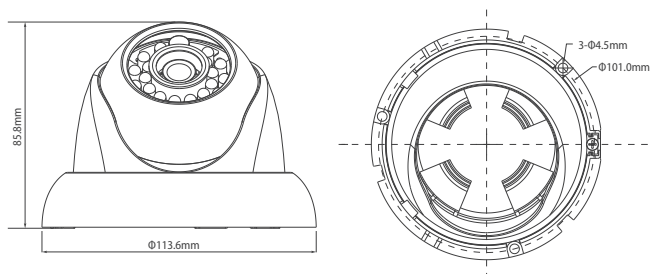
2Megapixel 1080P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 2Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8 mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDW2200SP	DH-HAC-HDW2200SN
Camera		
Image Sensor	1/3" 2Mega CMOS	
Effective Pixels	1920(H)×1080(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	20m, Smart IR	
Day/Night	Auto(ICR) / B&W / Color	
Noise Reduction	3D/2D	
OSD Menu	Support	
Lens		
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 3.5W	
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions	Φ113.6mm×85.8mm	
Weight	0.3kg	

DH-HAC-HFW2120R-Z

NEW!

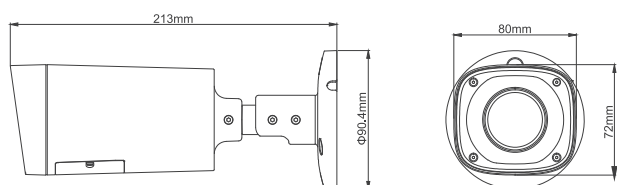
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HFW2120RP-Z		DH-HAC-HFW2120RN-Z	
Camera				
Image Sensor	1/3" 1.4Megapixel CMOS			
Effective Pixels	1305(H)×1049(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.002Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal Length	2.7~12mm			
Lens Type	Manual / Fixed Iris			
Mount Type	Φ14			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 7.5W			
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	213mm×80mm×72mm			
Weight	0.55Kg			

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HAC-HFW2120R-VF NEW!

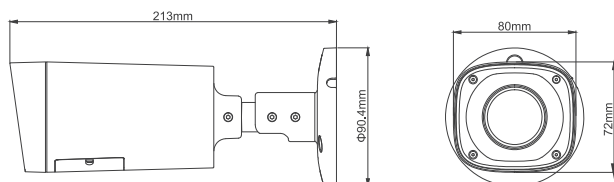
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HFW2120RP-VF		DH-HAC-HFW2120RN-VF	
Camera				
Image Sensor	1/3" 1.4Megapixel CMOS			
Effective Pixels	1305(H)×1049(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.002Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal Length	2.7~12mm			
Lens Type	Manual / Fixed Iris			
Mount Type	Φ14			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 5W			
Working Environment	-30℃~-60℃ / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	213mm×80mm×72mm			
Weight	0.55Kg			

DH-HAC-HF3101

1.3Megapixel 720P WDR HDCVI Camera



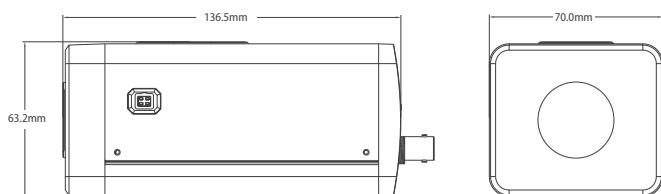
Features

- 1/3" 1.3Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switch
- OSD Menu, control over coaxial cable
- WDR(120dB), Day/Night(ICR), 3D-DNR, Auto Iris
- AC24V/DC12V

Technical Specifications

Model	DH-HAC-HF3101P	DH-HAC-HF3101N
Camera		
Image Sensor	1/3" 1.3Megapixel CMOS	
Effective Pixels	1280(H)×960(V)	
Electronic Shutter	1/1s~1/10,000s	
Video Frame Rate	25/30fps@720P	
Synchronization	Internal	
Min. Illumination	Color: 0.01Lux@F1.2(AGC ON) ; B/W: 0.001Lux@F1.2(AGC ON)	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	WDR (120dB)	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal length	N/A	
Mount Type	C/CS	
Auxiliary Interface		
RS485	1	
Alarm	1 channel out	
Audio	1 channel in	
General		
Power Supply	AC24V/DC12V	
Power Consumption	Max 7W	
Working Environment	-30℃~-+60℃ / Less than 95%RH (no condensation)	
Transmission Distance	Over 500m via 75-3 coaxial cable	
Dimensions(W×D×H)	70mm×63.2mm×136.5mm	
Weight	0.65kg	

Dimensions (mm)



Accessories (optional)



PFB120W

PFB121W

DH-HAC-HDBW2120R-Z

NEW!

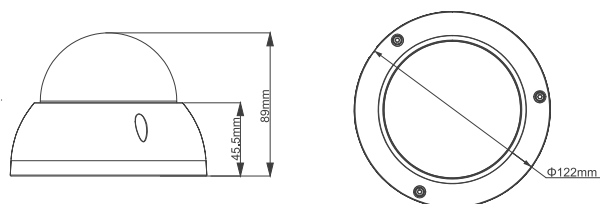
1.4Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDBW2120RP-Z		DH-HAC-HDBW2120RN-Z	
Camera				
Image Sensor	1/3" 1.4Megapixel CMOS			
Effective Pixels	1305(H)×1049(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.002Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
Lens				
Focal Length	2.7~12mm			
Lens Type	Motorized / Fixed Iris			
Mount Type	Φ14			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 9.6W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66 & IK10			
Dimensions	Φ122mm×89mm			
Weight	0.45kg			

DH-HAC-HDBW2120R-VF NEW!

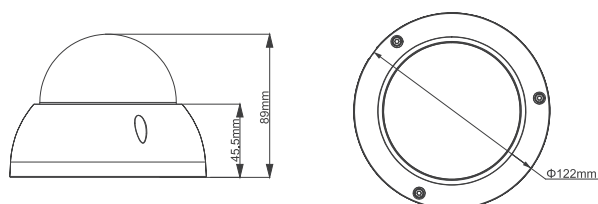
1.4Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDBW2120RP-VF		DH-HAC-HDBW2120RN-VF
Camera			
Image Sensor	1/3" 1.4Megapixel CMOS		
Effective Pixels	1305(H)×1049(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/50fps@720P		30/60fps@720P
Synchronization	Internal		
Min. Illumination	0.002Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D/3D		
OSD Menu	Support		
Lens			
Focal Length	2.7~12mm		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 5W		
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66 & IK10		
Dimensions	Φ122mm×89mm		
Weight	0.45kg		

DH-HAC-HFW2100E

1.3Megapixel 720P Water-proof HDCVI IR-Bullet Camera



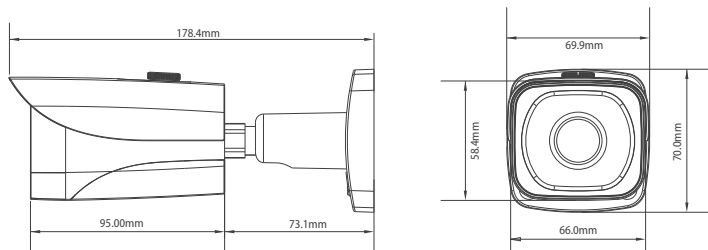
Features

- 1/3" 1.3Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HFW2100EP		DH-HAC-HFW2100EN	
Camera				
Image Sensor	1/3" 1.3Megapixel CMOS			
Effective Pixels	1280(H)×960(V)			
Electronic Shutter	4/25s~1/45,000s		4/30s~1/54,000s	
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Mini. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	6mm fixed lens (2.8mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4.2W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	178.4mm×69.9mm×70.0mm			
Weight	0.5kg			

Dimensions (mm)



DH-HAC-HFW2100S

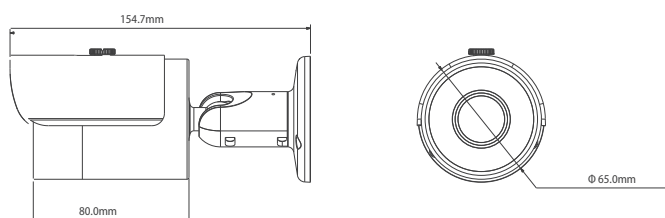
1.3Megapixel 720P Water-proof IR HDCVI Camera



Features

- 1/3" 1.3Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



PFA130

Technical Specifications

Model	DH-CA-HFW2100SP		DH-CA-HFW2100SN	
Camera				
Image Sensor	1/3" 1.3Megapixel CMOS			
Effective Pixels	1280(H)×960(V)			
Electronic Shutter	4/25s~1/45,000s		4/30~1/54,000s	
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / B&W / Color			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4.2W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	Φ65mm×154.7mm			
Weight	0.38kg			
Others	Default: bracket included			

DH-HAC-HFW2120RM NEW!

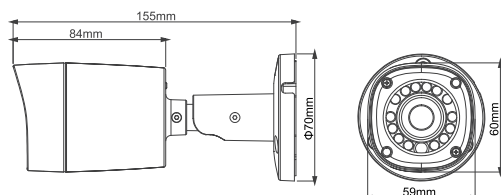
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR,
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HFW2120RMP		DH-HAC-HFW2120RMN	
Camera				
Image Sensor	1/3" 1.4Megapixel CMOS			
Effective Pixels	1305(H)×1049(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.002Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / B&W / Color			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4W			
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	Φ70mm×155mm			
Weight	0.3kg			
Others	Default: bracket included			

DH-HAC-HFW2100D(-B)

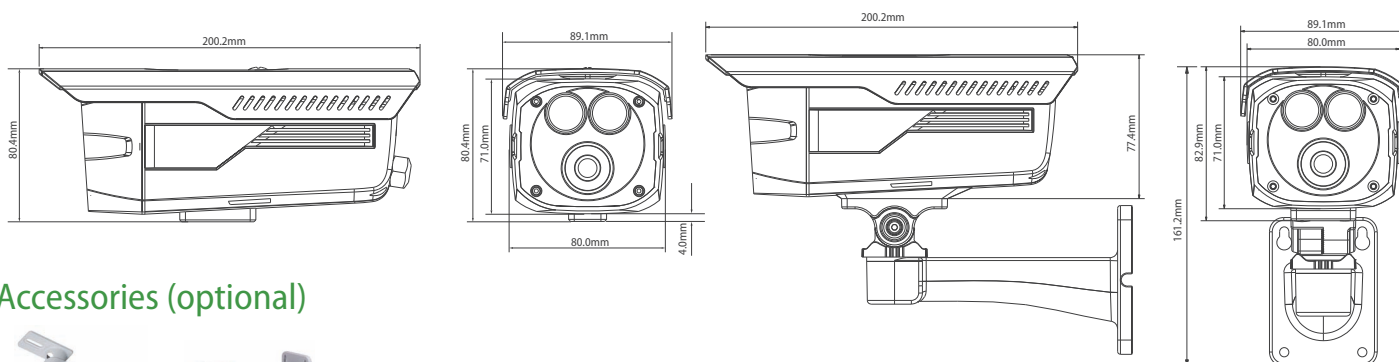
1.3Megapixel 720P Water-proof IR HDCVI Camera



Features

- 1/3" 1.3Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 8mm fixed lens (3.6 mm, 6mm, 12mm, 16mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP66, DC12V
- Default with bracket (HFW2100D-B)

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW2100DP	DH-HAC-HFW2100DN	DH-HAC-HFW2100DP-B	DH-HAC-HFW2100DN-B
Camera				
Image Sensor	1/3" 1.3Megapixel CMOS			
Effective Pixels	1280(H)×960(V)			
Electronic Shutter	PAL: 4/25s~1/45,000s; NTSC: 4/30~1/54,000s			
Video Frame Rate	25/30/50/60fps@720P			
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	50m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal length	8mm fixed lens (3.6mm, 6mm, 12mm, 16mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 7.7W			
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	200.2mm×89.1mm×80.4mm		200.2mm×89.1mm×161.2mm	
Weight	0.45kg		0.58kg	
Others	N/A		Default: bracket included	

DH-HAC-HFW2100B(-B)

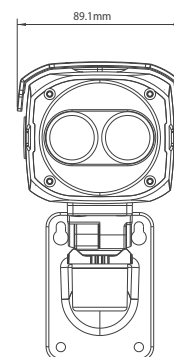
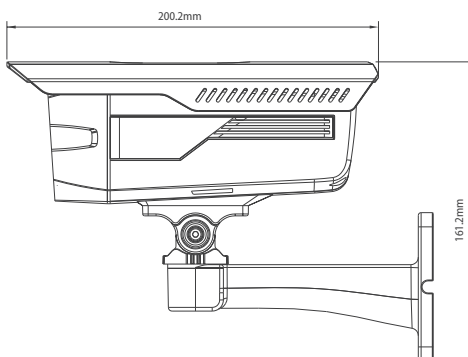
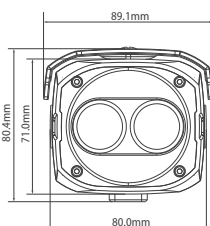
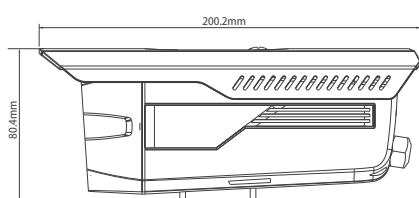
1.3Megapixel 720P Water-proof IR HDCVI Camera



Features

- 1/3" 1.3Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V
- Default with bracket (HFW2100B-B)

Dimensions(mm)



Accessories (optional)



PFB120W



PFB121W

Technical Specifications

Model	DH-HAC-HFW2100BP		DH-HAC-HFW2100BN		DH-HAC-HFW2100BP-B		DH-HAC-HFW2100BN-B	
Camera								
Image Sensor	1/3" 1.3Megapixel CMOS							
Effective Pixels	1280(H)×960(V)							
Electronic Shutter	PAL: 4/25s~1/45,000s; NTSC: 4/30~1/54,000s							
Video Frame Rate	25/30/50/60fps@720P							
Synchronization	Internal							
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on							
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)							
Camera Features								
Max. IR LEDs Length	30m, Smart IR							
Day/Night	Auto(ICR) / B&W / Color							
Noise Reduction	3D/2D							
OSD Menu	Support							
Lens								
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)							
Mount Type	M12							
General								
Power Supply	DC12V±10%							
Power Consumption	Max 6W							
Working Environment	-30°C~+60°C Humidity is less than 95% (no condensation)							
Transmission Distance	Over 500m via 75-3 coaxial cable							
Ingress Protection	IP66							
Dimensions(W×D×H)	200.2mm×89.1mm×80.4mm				200.2mm×89.1mm×161.2mm			
Weight	0.45kg				0.58kg			
Others	N/A				Default: bracket included			

DH-HAC-HDBW2120E

NEW!

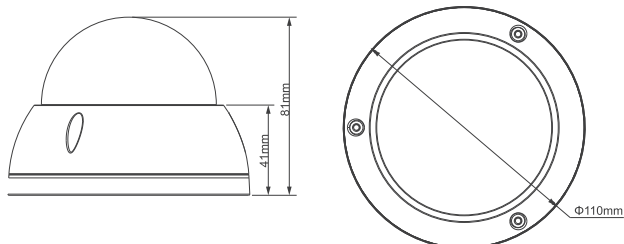
1.4Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDBW2120EP		DH-HAC-HDBW2120EN
Camera			
Image Sensor	1/3" 1.4Megapixel CMOS		
Effective Pixels	1305(H)×1049(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/50fps@720P	30/60fps@720P	
Synchronization	Internal		
Min. Illumination	0.002Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	3D/2D		
OSD Menu	Support		
Lens			
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66 & IK10		
Dimensions	Φ110mm×81.0mm		
Weight	0.3Kg		

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HAC-HDW2100M

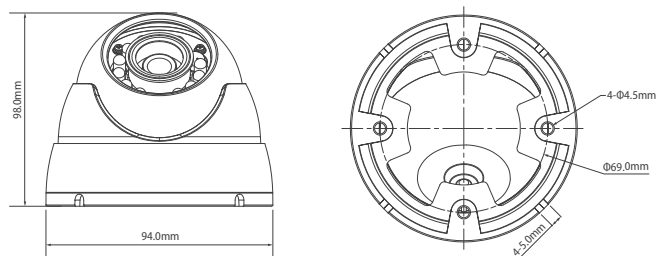
1.3Megapixel 720P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 1.3Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDW2100MP		DH-HAC-HDW2100MN	
Camera				
Image Sensor	1/3" 1.3Megapixel CMOS			
Effective Pixels	1280(H)×960(V)			
Electronic Shutter	4/25s~1/45,000s		4/30s~1/54,000s	
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	3D/2D			
OSD Menu	Support			
Lens				
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 6W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions	Φ94.0mm×98mm			
Weight	0.33kg			

DH-HAC-HDW2100S

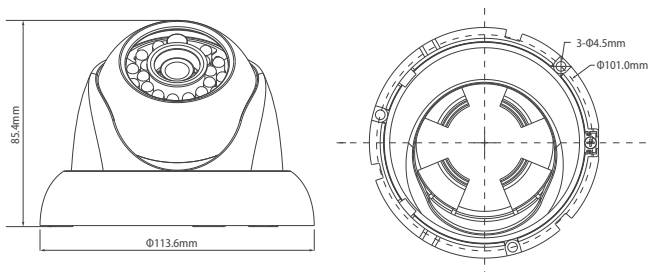
1.3Megapixel 720P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 1.3Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDW2100SP		DH-HAC-HDW2100SN
Camera			
Image Sensor	1/3" 1.3Mega CMOS		
Effective Pixels	1280(H)×960(V)		
Electronic Shutter	4/25s~1/45,000s	4/30~1/54,000s	
Video Frame Rate	25/50fps@720P	30/60fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / B&W / Color		
Noise Reduction	3D/2D		
OSD Menu	Support		
Lens			
Focal Length	3.6mm (2.8mm, 6mm 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.5W		
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66		
Dimensions	Φ113.6mm×85.4mm		
Weight	0.3kg		

DH-HAC-HFW1100R-VF NEW!

1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



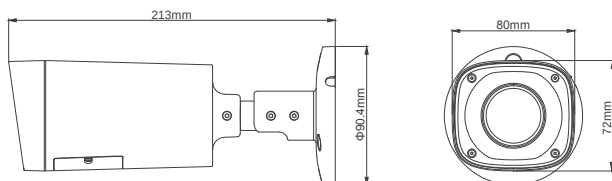
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HFW1100RP-VF		DH-HAC-HFW1100RN-VF
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	2.7~12mm		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4W		
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66		
Dimensions(W×D×H)	Φ90.4mm×213mm		
Weight	0.52Kg		

Dimensions (mm)



DH-HAC-HDBW1100R-VF NEW!

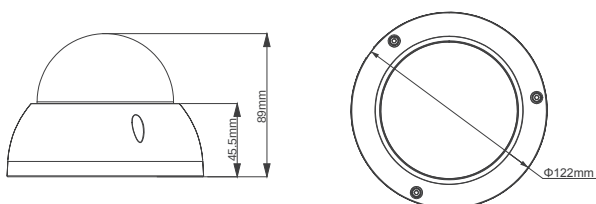
1Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-HAC-HDBW1100RP-VF		DH-HAC-HDBW1100RN-VF
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	2.7~12mm		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 5W		
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66 & IK10		
Dimensions	Φ122mm×89mm		

DH-HAC-HFW1100RM NEW!

1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



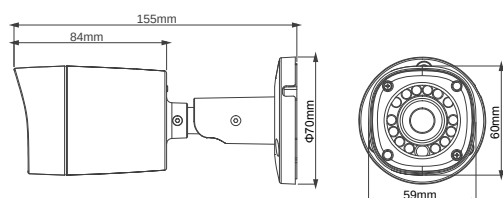
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (3.6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HFW1100RMP		DH-HAC-HFW1100RMN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	6mm fixed lens (3.6mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 2.5W		
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66		
Dimensions(W×D×H)	Φ70mm×155mm		
Weight	0.3Kg		
Others	Default: bracket included		

Dimensions (mm)



DH-HAC-HFW1100R

1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



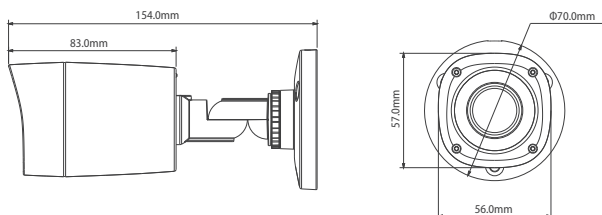
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (3.6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HFW1100RP		DH-HAC-HFW1100RN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	6mm fixed lens (3.6mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 2W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66		
Dimensions	Φ70mm×154mm		
Weight	0.2kg		

Dimensions(mm)



DH-HAC-HFW1100S

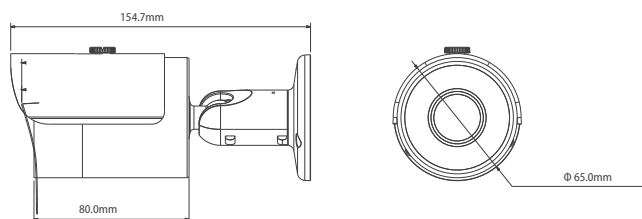
1Megapixel 720P Water-proof Mini IR HDCV Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions (mm)



Accessories (optional)



PFA130

Technical Specifications

Model	DH-CA-HFW1100SP		DH-CA-HFW1100SN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2 (AGC ON), 0Lux IR LED on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / B&W / Color		
Noise Reduction	2D		
Lens			
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.5W		
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66		
Dimensions(W×D×H)	Φ65mm×154.7mm		
Weight	0.38kg		
Others	Default: bracket included		

DH-HAC-HFW1100D(-B)

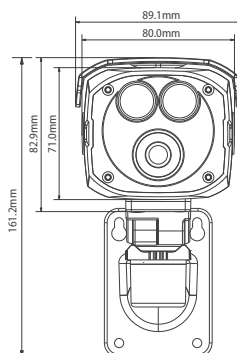
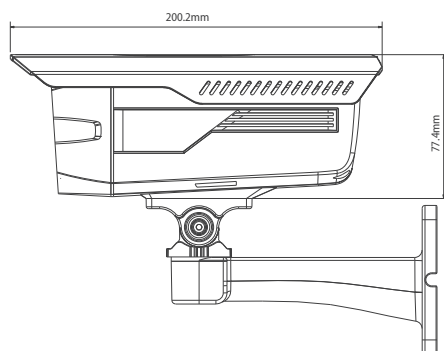
1Megapixel 720P Water-proof IR HDCVI Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 8mm fixed lens (3.6 mm, 6mm, 12mm, 16mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP66, DC12V
- Default with bracket

Dimensions(mm)



Technical Specifications

Model	DH-CA-HFW1100DP(-B)		DH-CA-HFW1100DN(-B)
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s		
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2 (AGC ON), 0Lux IR LED on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	50m, Smart IR		
Day/Night	Auto(ICR) / B&W / Color		
Noise Reduction	2D		
Lens			
Focal length	8mm (3.6 mm, 6mm, 12mm, 16mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 7W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66		
Dimensions(W×D×H)	200.2mm×89.1mm×161.2mm		
Weight	0.58kg		
Others	Default: bracket included		

DH-HAC-HFW1100B-(B)

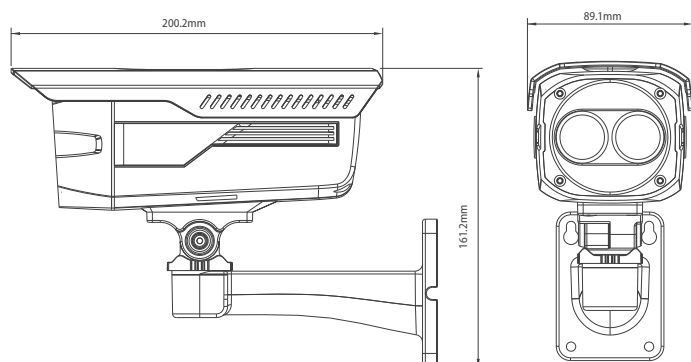
1Megapixel 720P Water-proof IR HDCVI Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V
- Default with bracket

Dimensions(mm)



Technical Specifications

Model	DH-CA-HFW1100BP-(B)		DH-CA-HFW1100BN-(B)	
Camera				
Image Sensor	1/2.9" 1Megapixel CMOS			
Effective Pixels	1280(H)×720(V)			
Electronic Shutter	1/50s~1/100,000s			
Video Frame Rate	25fps@720P		30fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2 (AGC ON), 0Lux IR LED on			
Video Output	1-channel BNC HDCVI high definition video output			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / B&W / Color			
Noise Reduction	2D			
Lens				
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4.9W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	200.2mm×89.1mm×161.2mm			
Weight	0.58kg			
Others	Default: bracket included			

DH-HAC-HDBW1100E

1Megapixel 720P Vandal-proof IR HDCVI Mini Dome Camera



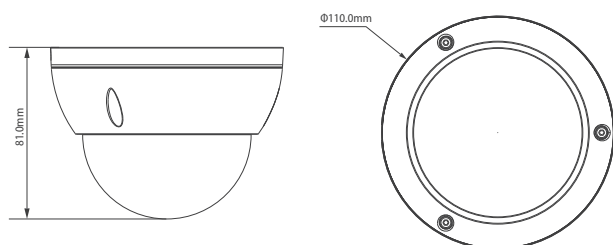
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, IK10, DC12V

Technical Specifications

Model	DH-HAC-HDBW1100EP		DH-HAC-HDBW1100EN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 2.5W		
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP66 & IK10		
Dimensions(W×D×H)	Φ110mm×81.0mm		
Weight	0.3Kg		

Dimensions(mm)



DH-HAC-HDW1100E NEW!

1Megapixel 720P IR HDCVI Mini Dome Camera



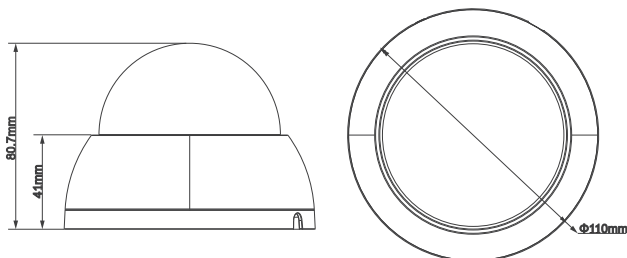
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HDW1100EP		DH-HAC-HDW1100EN	
Camera				
Image Sensor	1/2.9" 1Megapixel CMOS			
Effective Pixels	1280(H)×720(V)			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Video Frame Rate	25fps@720P		30fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D			
Lens				
Focal length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2.5W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions(W×D×H)	Φ110mm×80.7mm			
Weight	0.16Kg			

Dimensions(mm)



DH-HAC-HDW1100M

1Megapixel 720P Waterproof IR HDCVI Mini Dome Camera



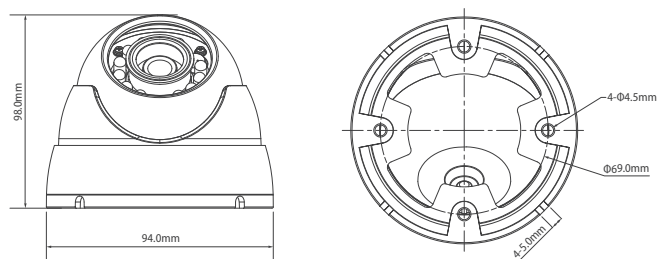
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-HAC-HDW1100MP		DH-HAC-HDW1100MN	
Camera				
Image Sensor	1/2.9" 1Megapixel CMOS			
Effective Pixels	1280(H) x720(V)			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Video Frame Rate	25fps@720P		30fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D			
Lens				
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2.5W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Ingress Protection	IP66			
Dimensions	Φ94.0mm×98mm			
Weight	0.33kg			

Dimensions(mm)



DH-HAC-HDW1100R

1Megapixel 720P IR HDCVI Mini Dome Camera



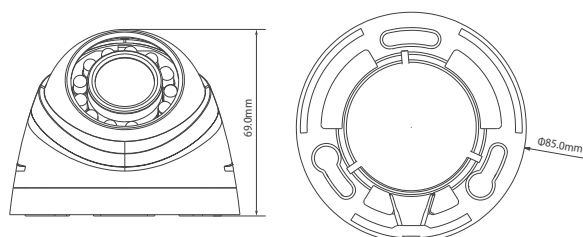
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Technical Specifications

Model	DH-HAC-HDW1100RP		DH-HAC-HDW1100RN	
Camera				
Image Sensor	1/2.9" 1Megapixel CMOS			
Effective Pixels	1280(H)×720(V)			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Video Frame Rate	25fps@720P		30fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D			
Lens				
Focal length	3.6mm (6mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Dimensions	Φ85mm×69mm			
Weight	0.2kg			

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1100C

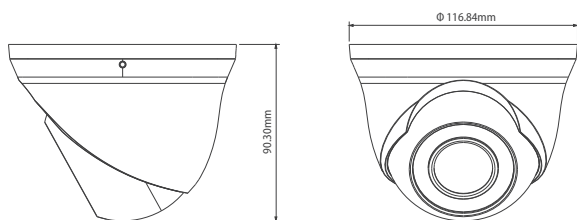
1Megapixel 720P IR HDCVI Mini Dome Camera



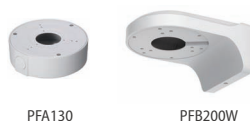
Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDW1100CP		DH-HAC-HDW1100CN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 2.5W		
Working Environment	-30℃~-+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Dimensions	Φ116.84mm×90.3mm		
Weight	0.18kg		

DH-HAC-HDW1100S

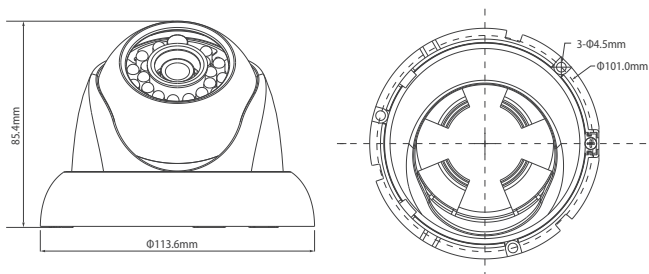
1Megapixel 720P IR HDCVI Mini Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDW1100SP		DH-HAC-HDW1100SN	
Camera				
Image Sensor	1/2.9" 1Megapixel CMOS			
Effective Pixels	1280(H)×720(V)			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Video Frame Rate	25fps@720P		30fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D			
Lens				
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2.5W			
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 500m via 75-3 coaxial cable			
Dimensions	Φ113.6mm×85.4mm			
Weight	0.2kg			

DH-HAC-HD1100B

1Megapixel 720P HDCVI Mini Dome Camera



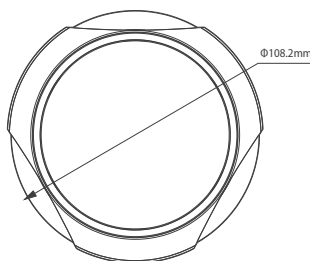
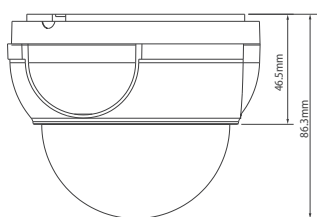
Technical Specifications

Model	DH-HAC-HD1100BP		DH-HAC-HD1100BN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25 fps@720P	30 fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON)		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Day/Night	Auto(Electronic) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 1W		
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Dimensions	Φ108.2mm×86.3mm		
Weight	0.3kg		

Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(Electronic), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- DC12V

Dimensions (mm)





HDCVI PTZ Camera

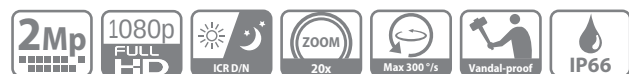
DH-SD63220I-HC

2Mp 20x Full HD HDCVI PTZ Dome Camera



Technical Specifications

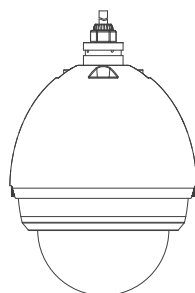
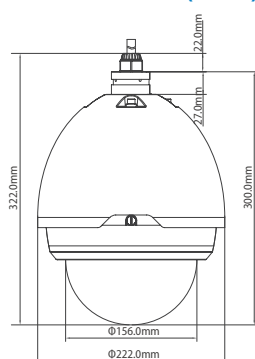
Model	DH-SD63220I-HC
Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1920(H)×1080(V), 2 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 50dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm (20x Optical zoom)
Max Aperture	F1.4~F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1°~3.2°
Close Focus Distance	100mm~1000mm
PTZ	
Pan/Tilt Range	Pan: 0°~360° endless; Tilt: -2°~90°, auto flip 180°
Manual Control Speed	Pan: 0.1°~300°/s; Tilt: 0.1°~150°/s
Preset Speed	Pan: 300°/s; Tilt: 200°/s
Preset	80 (DH-SD), 255 (Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length / speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if there is no command in the specified period
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern by preset-time
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V / 3A (±10%)
Power Consumption	9.5W, 21W (Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10(optional)
Dimensions	Φ222mm×322mm
Weight	6.8kg



Features

- 20x optical zoom
- Max. 25/30fps@1080P (1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- Max 300°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66

Dimensions (mm)



Accessories

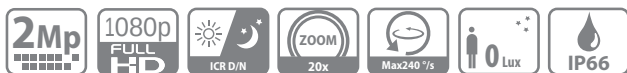


Accessories(optional)



DH-SD6C220I-HC

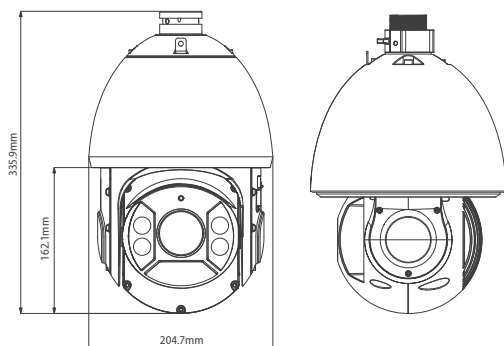
2Mp 20x Full HD HDCVI IR PTZ Dome Camera



Features

- 20x optical zoom
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Accessories



Accessories(optional)



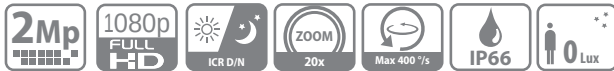
Technical Specifications

Model	DH-SD6C220I-HC
Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1920(H)×1080(V), 2Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm (20x Optical zoom)
Max Aperture	F1.4~F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1°~3.2°
Close Focus Distance	100mm~1000mm
PTZ	
Pan/Tilt Range	Pan: 0°~360° endless; Tilt: -15°~90°, auto flip 180°
Manual Control Speed	Pan: 0.1°~160° /s; Tilt: 0.1°~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80 (DH-SD), 255 (Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if there is no command in the specified period
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern by preset-time
Protocol	DH-SD, Pelco-P / D (Auto recognition)
IR Distance	100m (2 near IR LED+ 4 far IR LED)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ204.7mm×335.9mm
Weight	7.5kg

DH-SD59220I-HC

NEW!

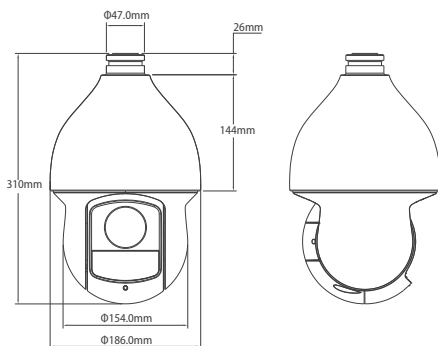
2Mp 20x Ultra-high Speed IR HDCVI PTZ Dome Camera



Features

- 20x optical zoom
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720Presolution
- DWDR,Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 300presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD59220I-HC
Camera	
Image Sensor	1/2.8"ExmorCMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
Horizontal Resolution	≥1000TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4;0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR(Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm (20x Optical zoom)
Max Aperture	F1.4~ F2.6
Focus Control	Auto / Manual
Angle of View	54.1° ~ 3.2°
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°endless;Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s;Tilt: 0.1° ~200° /s
Preset Speed	Pan:400° /s;Tilt: 300° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan,Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
IR Distance	100m
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1channel In/Out
General	
Power Supply	AC24V/ 3A (±10%)
Power Consumption	12W, 25W(IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186(mm) x 310(mm)
Weight	3.5Kg

Accessories-DH-SD59220I-HC



Accessories(Optional)



DH-SD59212I-HC NEW!

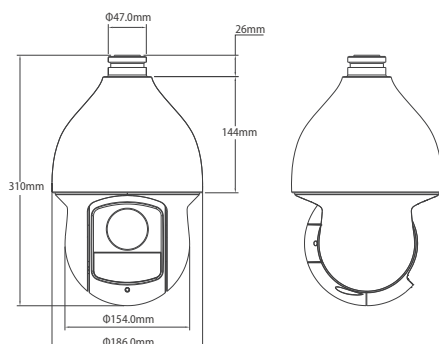
2Mp 12x Ultra-high Speed IR HDCVI PTZ Dome Camera



Features

- 12x optical zoom
- Max. 25/30fps@1080P(1920x1080)&20/30/50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD59212I-HC
Camera	
Image Sensor	1/2.8"ExmorCMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
Horizontal Resolution	≥1000TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR(Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	5.1mm~61.2mm (12x Optical zoom)
Max Aperture	F1.4~ F2.1
Focus Control	Auto / Manual
Angle of View	51.3° ~ 4.64°
Close Focus Distance	100mm ~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°endless;Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s;Tilt: 0.1° ~200° /s
Preset Speed	Pan:400° /s;Tilt: 300° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan,Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
IR Distance	100m
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/3A(±10%)
Power Consumption	12W, 25W(IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm) x 310(mm)
Weight	3.5Kg

Accessories

Accessories(optional)



DH-64FB Power Supply

DH-PFA114 DH-PFB300C DH-PFA112 DH-PFA113 DH-PFB301S DH-PFA120 DH-PFA150 DH-PFA151

DH-SD40/42/42C212I-HC

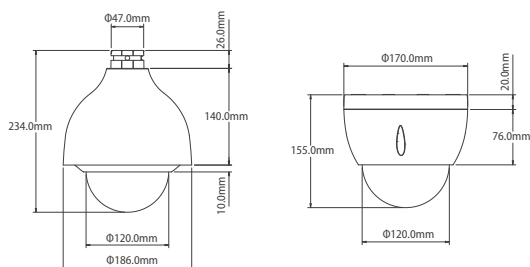
2Mp 12x Mini HDCVI PTZ Dome Camera



Features

- Powerful 12x optical zoom
- Max. 25/30fps@1080P, 25/30/50/60fps@720P
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous pan rotation
- Control over coaxial cable, long distance real-time transmission
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66, OSD

Dimensions (mm)



Accessories-SD40212I-HC



DH-PFB300S DH-PFA110 Power Supply

Accessories(Optional)-SD40212I-HC



DH-PFB300C DH-PFA112 DH-PFA113 DH-PFB301S DH-PFA120 DH-PFA150 DH-PFA151

Technical Specifications

Model	DH-SD40212I-HC	DH-SD42212I-HC	DH-SD42C212I-HC
Camera			
Image Sensor	1/3" Exmor CMOS		
Effective Pixels	1944(H)×1092(V), 2 Megapixels		
Horizontal Resolution	≥1000TVL		
Scanning System	Progressive		
Electronic Shutter Speed	1/1s ~1/30,000s		
Min. Illumination	Color: 0.05 Lux/F1.6, B/W: 0.005Lux/F1.6		
S/N Ratio	More than 55dB		
Resolution	25/30fps@1080P, 25/30/50/60fps@720P		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	5.1 mm~61.2mm (12x Optical zoom)		
Max Aperture	F1.2~ F2.1		
Focus Control	Auto / Manual		
Angle of View	51.3° ~ 4.64°		
Close Focus Distance	100mm~1000mm		
PTZ			
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°		
Manual Control Speed	Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~ 120°/s		
Preset Speed	Pan: 300°/s; Tilt: 200°/s		
Preset	80(DH-SD) , 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period		
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
Audio			
Interface	1 channel In		
Auxiliary Interface			
RS485	1		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V/1.5A (±10%)		
Power Consumption	10W, 19W(Heater on)		10W
Working Environment	-40°C ~ 60°C / Less than 90% RH		-10°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66		N/A
Dimensions	Φ186mm×234mm	Φ170mm×155mm	Φ198mm×158mm
Weight	2.3kg	1.8kg	2.0kg

Accessories(Optional)-SD42212I-HC



DH-PFA102 DH-PFB300S DH-PFB300C DH-PFA112 DH-PFA113 DH-PFA120 DH-PFA150 DH-PFA151

DH-SD63120I-HC

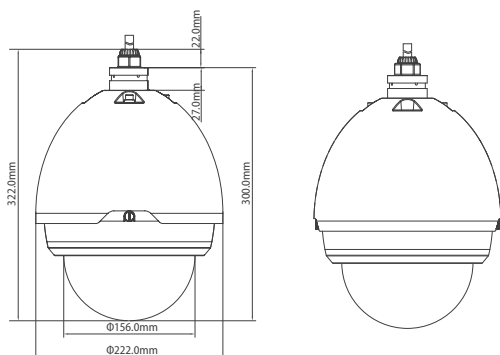
1Mp 720P HDCVI PTZ Dome Camera



Features

- 20x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- Max 300°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD63120I-HC
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 50dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4 ~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~150° /s
Preset Speed	Pan: 300° /s; Tilt: 200° /s
Preset	80(DH-SD), 255(Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	9.5W, 21W (Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10 (optional)
Dimensions	Φ222mm×322mm
Weight	6.8kg

Accessories



DH-63FB Power Supply

Accessories(optional)



DH-PFA111 DH-PFB300C DH-PFA112 DH-PFA113 DH-PFB301S DH-PFA120 DH-PFA150 DH-PFA151

DH-SD6C120I-HC

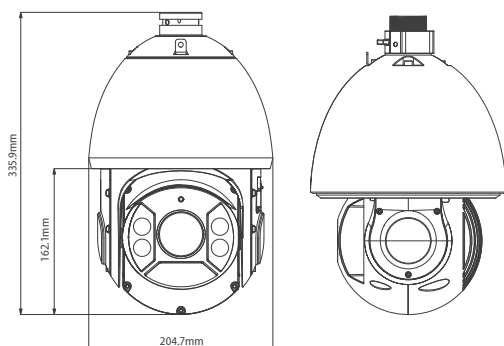
1Mp 720P HDCVI IR PTZ Dome Camera



Features

- 20x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD6C120I-HC
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1~1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm (20x Optical zoom)
Max Aperture	F1.4~F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1°~3.2°
Close Focus Distance	100mm~1000mm
PTZ	
Pan/Tilt Range	Pan: 0°~360° endless; Tilt: -15°~90°, auto flip 180°
Manual Control Speed	Pan: 0.1°~160° /s; Tilt: 0.1°~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80 (DH-SD), 255 (Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length / speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if there is no command in the specified period
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern by preset-time
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	100m (2 near IR LED+ 4 far IR LED)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ204.7mm×335.9mm
Weight	7.5kg

Accessories



Accessories(optional)



DH-SD59120I-HC NEW!

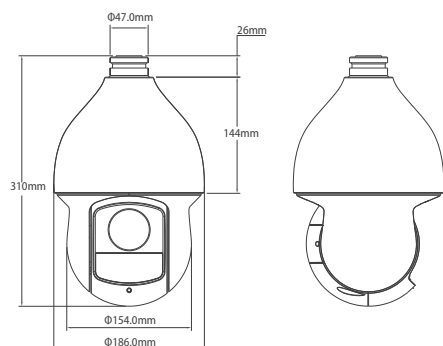
1Mp 720p 20x Ultra-high Speed IR HDCVI PTZ Dome Camera



Features

- 20x optical zoom
- Max 20/30/50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 300presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD59120I-HC
Camera	
Image Sensor	1/3"Exmor CMOS
Effective Pixels	1280(H) x 960(V)
Horizontal Resolution	≥700TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4;0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR(Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm (20x Optical zoom)
Max Aperture	F1.4~ F2.6
Focus Control	Auto / Manual
Angle of View	54.1° ~ 3.2°
Close Focus Distance	100mm ~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°endless;Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s;Tilt: 0.1° ~200° /s
Preset Speed	Pan:400° /s;Tilt: 300° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan,Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
Protocol	100m
IR Distance	DH-SD, Pelco-P/D (Auto recognition)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/ 3A (±10%)
Power Consumption	12W, 25W(IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm) x 310(mm)
Weight	3.5Kg

Accessories-DH-SD59120I-HC



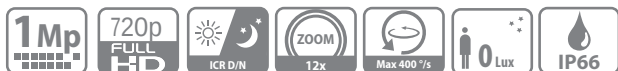
Accessories(Optional)



DH-SD59112I-HC

NEW!

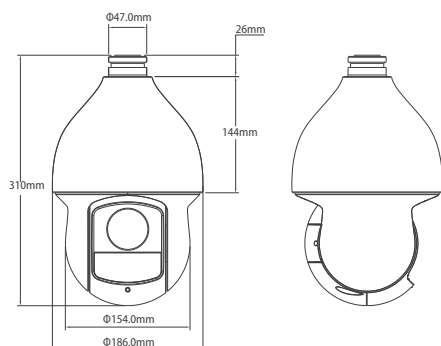
1Mp 12x Ultra-high Speed IR HDCVI PTZ Dome Camera



Features

- Powerful 12x optical zoom
- Max 25/30/50/60fps@720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto iris, Auto focus, AWB, AGC, BLC
- Max 400°/s pan speed, 360° continuous pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD59112I-HC
Camera	
Image Sensor	1/3"Exmor CMOS
Effective Pixels	1280(H) x 960(V)
Horizontal Resolution	≥700TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1s ~1/30,000s
Min. Illumination	Color: 0.05 Lux/F1.4; B/W: 0.005Lux/F1.4;0Lux (IR on)
S/N Ratio	More than 55dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	5.1 mm~61.2mm (12x Optical zoom)
Max Aperture	F1.4~ F2.1
Focus Control	Auto / Manual
Angle of View	51.3° ~ 4.64°
Close Focus Distance	100mm~1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°endless;Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s;Tilt: 0.1° ~200° /s
Preset Speed	Pan:400° /s;Tilt: 300° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan,Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period
IR Distance	100m
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/3A(±10%)
Power Consumption	12W, 25W(IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186mm×310mm
Weight	3.5Kg

Accessories-DH-SD59112I-HC



Accessories(Optional)



DH-SD40/42/42C112I-HC

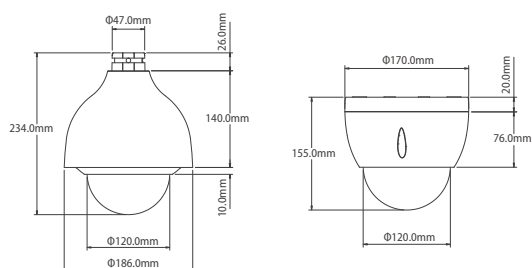
1Mp 720P Mini HDCVI PTZ Dome Camera



Features

- Powerful 12x optical zoom
- 25/30/50/60fps@720P
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous pan rotation
- Control over coaxial cable, long distance real-time transmission
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66, OSD

Dimensions (mm)



Accessories-SD40112I-HC



Accessories(Optional)-SD40112I-HC



Technical Specifications

Model	DH-SD40112I-HC	DH-SD42112I-HC	DH-SD42C112I-HC
Camera			
Image Sensor	1/3" Exmor CMOS		
Effective Pixels	1280(H)×960(V)		
Horizontal Resolution	≥700TVL		
Scanning System	Progressive		
Electronic Shutter Speed	1/1s ~1/30,000s		
Min. Illumination	Color: 0.05 Lux / F1.6, B/W: 0.005Lux / F1.6		
S/N Ratio	More than 55dB		
Resolution	25/30/50/60fps@720P		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	5.1 mm~61.2mm (12x Optical zoom)		
Max Aperture	F1.2~ F2.1		
Focus Control	Auto / Manual		
Angle of View	51.3°~4.64°		
Close Focus Distance	100mm~1000mm		
PTZ			
Pan/Tilt Range	Pan: 0°~360° endless; Tilt: -2°~ 90°, auto flip 180°		
Manual Control Speed	Pan: 0.1°~300°/s; Tilt: 0.1°~120°/s		
Preset Speed	Pan: 300°/s; Tilt:200°/s		
Preset	80(DH-SD) , 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan		
Speed Setup	Human-oriented focal length / speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if there is no command in the specified period		
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
Audio			
Interface	1 channel In		
Auxiliary Interface			
RS485	1		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V / 1.5A (±10%)		
Power Consumption	10W, 19W (Heater on)	10W	
Working Environment	-40°C ~ 60°C / Less than 90% RH	-10°C ~ 60°C / Less than 90% RH	
Ingress Protection	IP66		N/A
Dimensions	Φ186mm×234mm	Φ170mm×155mm	Φ198mm×158mm
Weight	2.3Kg	1.8Kg	2.0Kg

Accessories(Optional)-SD42112I-HC





All things are difficult before
they are easy.

i ♥ HDCVI

High Definition Composite Video Interface (HDCVI) is an eye-catching technology breakthrough in the industry, providing a new HD solution on the market besides IP and HD-SDI. HDCVI is an optimal solution for megapixel high definition application, featuring non-latent long-distance transmission at lower cost.

Highlights

- Fast and Fabulous to HD
- Long-distant Transmission
- 3 Signals (Video/Audio/Control) in 1 Coaxial Cable
- Zero Video Lose/Real-time Preview



DAHUA TECHNOLOGY

MAKE YOUR LIFE SAFER

HDCVI Academy



*Design and specifications are subject to change without notice.

HDCVI - 02, Jun 2014



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