

ANSON

Work together for a safe world!

Professional HD IP Camera Manufacturer



2014

1080P

720P



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Shenzhen Enerson Technology Company Limited
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OEM/ODM Distribution/Agency

Shenzhen Enerson Technology Company Limited was established at July 2003 with our own brand ANSON. The headquarters of trade is in Shenzhen, then have the office in Pakistan at 2009.

Enerson is a high-technology enterprise specializing in research, manufacture and distribution of security CCTV Cameras.

Enerson have a high-quality R&D team with a set of advanced equipment and many technicians, and the skillful production lines with so strong quality ideas and strict disciplines that has in order to insure the reliable quality and good performance of our products, the key parts we used are all importing from Japan, Europe, Korea and America.

Enerson will make great efforts to develop new and top-quality products, meet your special requirements of the products about the research and development and provide perfect service system consisting of pro-sale, on-sale and after-sale service for clients.

Enerson management philosophy is “belief, quality, and faithful cooperation”, With advanced management of production as well new design of the shape, Enerson enjoys a high prestige in CCTV industry.

Anson Brand products are selling to American, Europe, Asia and some other countries. Our products has been widely applied in various fields and enjoyed a good reputation both at home and abroad. we will be glad to establish the trade relations of equality and mutual benefit with you. Welcome to contact with Enerson.



Production process



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HDCVI camera



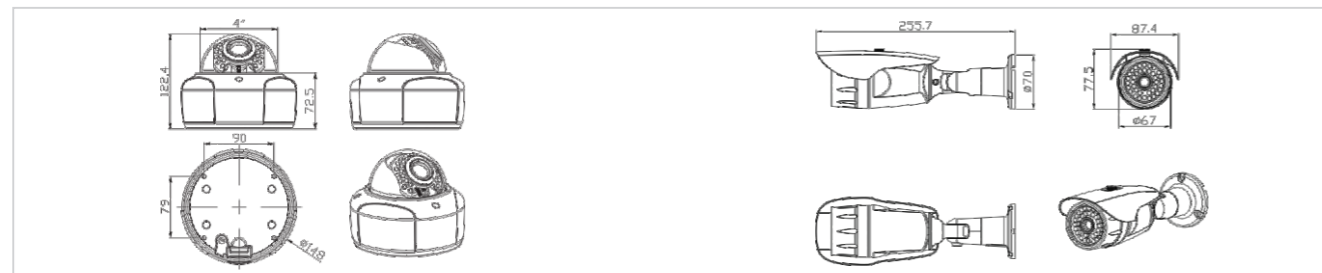
What is HDCVI ?

HDCVI (High Definition Composite Video Interface) is an over-coaxial-cable analog HD video transmission standard which developed in-house. The technology renders HD video formats 1280H x 720V & 1920H x 1080V by progressive.

Technical Highlights

- ◆ HD Video format: 1280H(1280×720), 1920H(1920×1080)
- ◆ Analog Modulation Uncompressed and crosstalk-free
- ◆ Auto Compensation & Long range transmission
1280H(1280×720): 500m via Φ75-3
1920H(1920×1080): 300m via Φ75-3
- ◆ Transmission over coaxial cable Reliable and low-latency point-to-point transmission
- ◆ Composite video/audio/PTZ signals HDCVI composites video, audio and PTZ signals together and have them transmitted over coaxial cable.
- ◆ Two-way data transmission

Size(mm)



HDCVI camera

Specifications

Model	AX-100VDB-CVI	AX-200VDB-CVI
Image Sensor	1/2.9" 1Megapixel CMOS	1/3" 2Megapixel CMOS
Effective Pixels	1280(H) x 720(V)	1920(H) x 1080(V)
Electronic Shutter	1/60s~1/100,000s	1/3s~1/100,000s
Video Frame Rate	720@30 fps	1080P @25fps
Synchronization	Internal	
Min. Illumination	0.01Lux@F1.2(AGC ON)	
Video Output	1-channel BNC HDCVI high definition video output	
IR LEDs Length	20-25m IR	
Day/Night	Auto(ICR) / Color / B/W	
Focal Length	2.8-12mm varifocal lens	
Power Supply	DC12V±10%	
Power Consumption	Max. 3.6 W	
Working Environment	-20°C~+50°C/ Humidity 95% or less (non-condensing)	
Transmission Distance	Over 500m via 75-3 coaxial cable	Over 300m via 75-3 coaxial cable
Material	Vandal proof	
Dimensions	148L*122.4H(mm)	
Weight	1.3KG	

Diagram 1

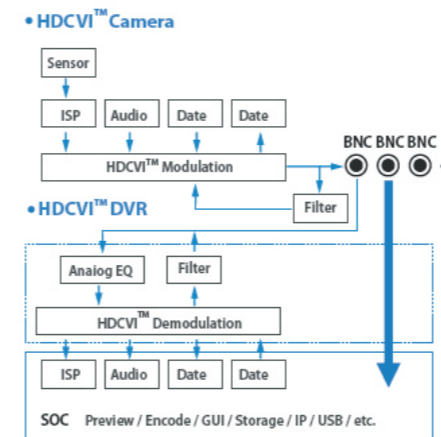
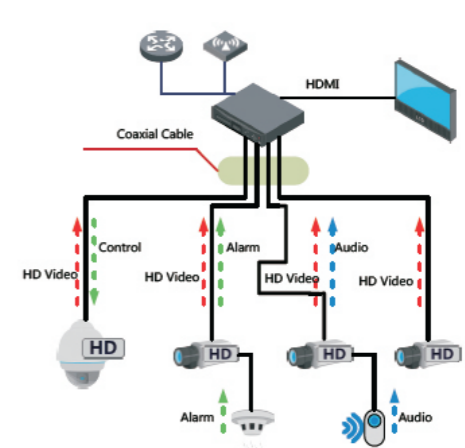


Diagram 2



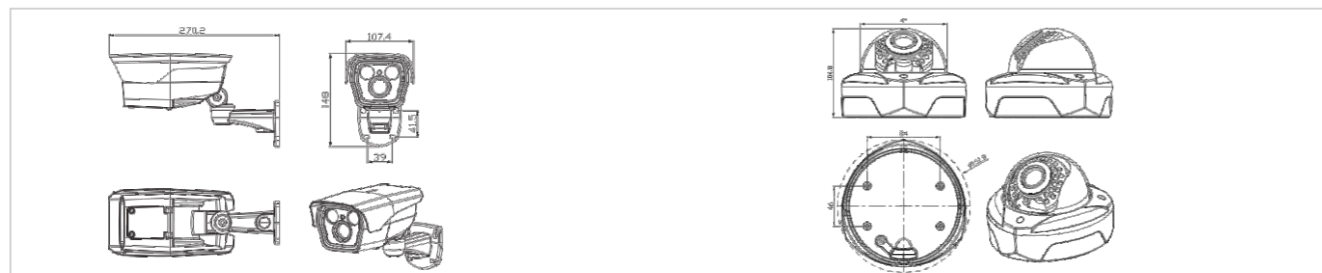
Ambarella solution IP camera



Key Feature

- ◆ Ambarella solution
- ◆ H. 264 & MJPEG compression
- ◆ 1080P/ 720P 2.0/ 1.3 megapixel, CMOS sensor
- ◆ Resolution: 25fps(1920*1080) / 25fps@1280*1024
- ◆ Multi-stream: FHD/1080P/720P + Full D1 + CVBS
- ◆ M14 lens port , 2.8-12mm / 9-22mm varifocal lens Optional
- ◆ ICR Filter Auto switch, Motion Detection, WDR
- ◆ ONVIF 2.0

Size(mm)



Ambarella solution IP camera

Specifications

Model	AX-A200WDB-IP	AX-A130WDB-IP
Image Sensor	1/2.9" CMOS 2.0MP	1/3" CMOS 1.3MP
Picture Elements	1080P 2.0MP, 1920(H)x1080(V)	720P 1.3MP, 1280(H)x1024(V)
Minimum illumination	Color: 0.05Lux @ F1.2, B&W: 0.02Lux @ F1.2, 0lux (IR ON)	Color: 0.02Lux @ F1.2, B&W: 0.01Lux @ F1.2, 0lux (IR ON)
Electronic Shutter Speed	1/10000s to 1/25s	
Auto control	AWB/AGC/AE/AIC,4A	
White Balance	Automatic, Manual	
Gain Control	Automatic	
S/N Ratio	47	
WDR Pro	Yes	
BLC	Yes	
Day/Night	Yes (with IR CUT filter)	
Focal Length	2.8-12mm / 9-22mm	
Operation (Focus/Zoom/Iris)	Manual/Manual/DC drive	
IR Led Quantity	2pcs Array LED	
Max IR Distance	50-60m	
Video Compression	H.264 Main Profile @ Level 4.1 / Motion JPEG	
Video Output	1Vp-p Composite Output (75 Ohm, BNC)	
Video Streaming	Multi-channel H.264 and M-JPEG; H.264 support VBR/CBR	
Main Stream	FHD/1080P + Full D1 + CVBS	
Frame Rate	25fps at 1920*1080	25fps at 1280*1024
Video Resolution	Full HD/1080P(1920x1080) + Full D1	Full HD/720P(1280x1024) + Full D1
Horizontal resolution	>950TVL(1920x1080 pixels) >800TVL(1280x1024 pixels) >700TVL(1280x720 pixels)	800TVL(1280x1024 pixels) 700TVL(1280x720 pixels)
Interface	10/100M Ethernet	
Ethernet Protocol	Ipv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP, FTP, UPnP, DDNS, NTP, IGMP, ICMP	
Network Port	10Base-T/100Base-TX, RJ45	
Environment Temperature	10°C~50°C	
Humidity	20% to 80% RH (No condensation)	
Power Source	DC12V	
MAX. Power Consumption	12W	
Dimensions	303(W) x 92(H) x 80(D)mm	
Weight	0.7KG (net weight)	
Regulatory	CE ROHS	
Network Storage	NVR, SERVER	
Smart Device Access	HDLive for iPhone and Android	
Live viewing	IE, mobile phone	

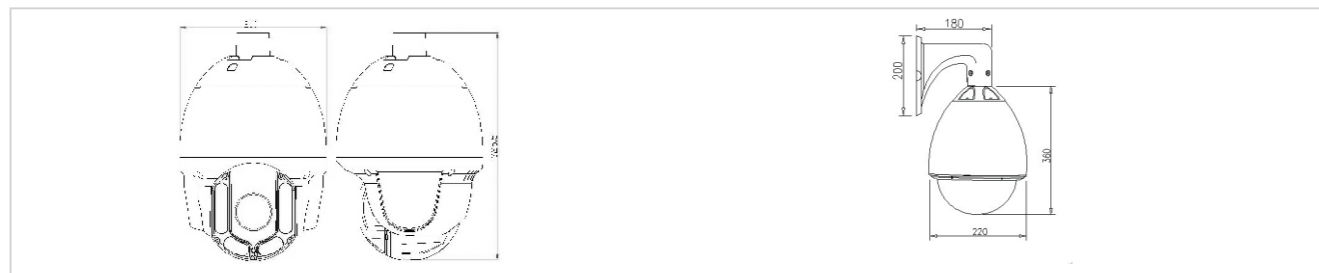
Ambarella solution IP PTZ camera



Key Feature

- ◆ H.264 & MJPEG, support dual coding, AVI format
- ◆ Integrated with (2.0 megapixel / 1080 p)
- ◆ Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP and other network protocol
- ◆ Support ONVIF access.
- ◆ Support WEB configuration, support OSD, support real-time video transmission
- ◆ Owning auto restart function with watchdog built-in.
- ◆ 20X megapixel ZOOM camera.
- ◆ Auto flips with vertical 180. In Omni-direction, no fade zone.
- ◆ 200 preset positions. 4 patrol tracking routes. 4 patterns scan routes, 4 auto levels scan routes.
- ◆ Power memory function; automatically recover the original status if power fails
- ◆ IP66 waterproof.

Size(mm)



Ambarella solution IP PTZ camera

Specifications

Model	AX-A200PIS-IP		
Exposure mode	Auto exposure, Auto white balance, Auto AGC		
Day & night mode	IR CUT		
IR distance	120M		
S/N Ratio	≥50dB		
Preset	200 Presets		
Precision of preset	±0.1°		
Pan control	360°Horizontal Continuous Rotation, 0.05°–220°/S		
Tilt control	90°Vertical, 180°Auto flip, 0.05°–100°/S		
Bracket	Wall mounting		
Rotate range horizontal	360		
Rotate range vertical	0-90		
Rotate speed horizontal	0.1-300/s		
Rotate speed vertical	0.1-240/s		
Image Sensor	1/2.9" 2.1MP SONY CMOS		
Minimum Illumination	Color:0.1 Lux @(F1.6,AGC ON),ICR ON B/W:0.05 Lux @(F1.6,AGC ON),ICR OFF		
Lens	Focus Length: F=4.3–129mm;Iris:F=1.6-5.0mm.Horizontal angle:58.9°(wide)- 2.11°(tele);Vertic angle:45.3°(wide)- 1.61°(tele) Day/Night IR filter switch, auto focus.		
Auto Control	AWB/AGC/AE		
Electronic Shutter	1/10000s to 1/25s		
Zoom	20X		
Video Compression	H.264 Main Profile / Motion JPEG		
Compression Output rate	Support dual coding, AVI format, 0.1M~6Mbp adjustable		
Max. Resolution	Full HD/1080P(1920x1080) + Full D1		
Horizontal Definition	>950TVL(1920x1080 pixels)	>800TVL(1280x1024 pixels)	>700TVL(1280x720 pixels)
Multi-stream	FHD/1080P + Full D1 + CVBS		
Frame rate	30fps		
Video Stream	Multichannel H.264 and M-JPEG video stream: support multichannel video stream output with full frame rate resolution, frame rate and bandwidth adjustable, H.264 support VBR/CBR.		
Audio Compression	G.711, AAC, 16kHz 16bit 32kbps MP2		
Protocol	Ipv4, TCP/IP, UDP, HTTP, RTP/RTCP/RTSP, FTP, DDNS, NTP, IGMP, ICMP		
Network Port	Rj45		
Network Interface	1 Ethernet interface, 10/100 m adaptive		
Weight	6.5kg		
Voltage	24VAC		
Consumption	<2A/<40W		
Operation Temp.	-30°C~+60°C		
Communication type	RS-485, etc		
Electronic connection	Multicore complex cable, power supply, control, video signal		
Special functions	OSD menu, camera name; watch dog, auto scan, interval scan, cruise preset positions, pattern route scan		

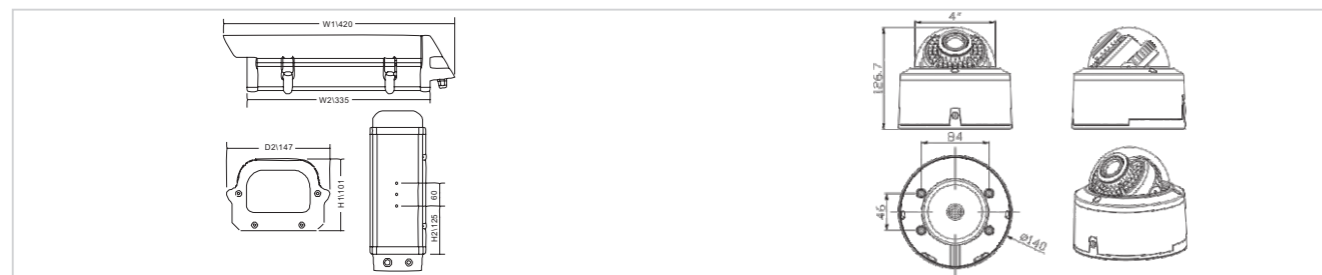
TI solution IP camera



Key Feature

- ◆ Progressive scan CMOS
- ◆ H.264 compression
- ◆ 25fps(1920*1080)/25fps(1280*960)
- ◆ 2.8-12mm varifocal Lens(Standard Configuration);
- ◆ Intelligent IR, 36pcs Φ8 led,50-60m IR
- ◆ Built-in IR CUT Filter for Day/Night function
- ◆ Motion Detection
- ◆ Onvif 2.0
- ◆ DC12V / POE

Size(mm)



TI solution IP camera

Specifications

Model	AX-S200WX-IP	AX-S130WX-IP
Image Sensor	1/2.5" progressive scan CMOS	1/3" progressive scan CMOS
Picture Elements	1920(H)x1080(V)	1280 (H) *960 (V)
Minimum illumination	Color ;0.6Lux@F1.2 (color) B/W; 0.08 Lux@F1.2 (B/W)	IR ON;0LUX(IR ON)
System Structure	Embedded RTOS design, Dual Core 32 bit DSP(T1 DM368), Hard Compression, Watch Dog, 32M FLASH,128M DDR2	
Electronic Shutter Speed	1/25s~1/20,000s	
Day/Night	Yes(with IR CUT filter)	
Focal Length	2.8-12mm	
Maximum Aperture	F/1.2	
Mount	φ 14mm	
Image Format	1/2.7"	
Operation	Manual / DC drive	
IR Led Quantity	36pcs φ8	
Max IR Distance	50-60M	
Video Compression	H.264	
Video Streaming	H.264	
Video Output	1Vp-p Composite Output (75 Ohm, BNC)	
Video Streaming	500Kpbs~8Mbps(Adjustable)	
Frame Rate	25fps at 1920*1080	25fps at 1280*960
Video Resolution	25fps(1920*1080)	25fps(1280*960)
Main Stream	1920×1080,1600×1200,1280×1024,1280×960,1024×768,1280×720	1280×960,1024×768,1280×720
Sub Stream	480×270,352×288,320×240,352×192,320×192,288×192,256×192	
Interface	10/100M Ethernet	
Ethernet Protocol	RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP	
Network Port	RJ45	
Environment Temperature	-50°C~60°C	
Humidity	10% to 90% (No condensation)	
Power Source	DC12V	
MAX. Power Consumption	12W	
Dimensions	325L*120W*100H(mm)	
Weight	2.5KG	
Vandal Resistance	IK7	
Regulatory	CE ROHS	
Network Storage	NVR, SERVER	
Smart Device Access	Network eye for Android , and TSEE for iPhone	
Live viewing	IE,mobile phone	

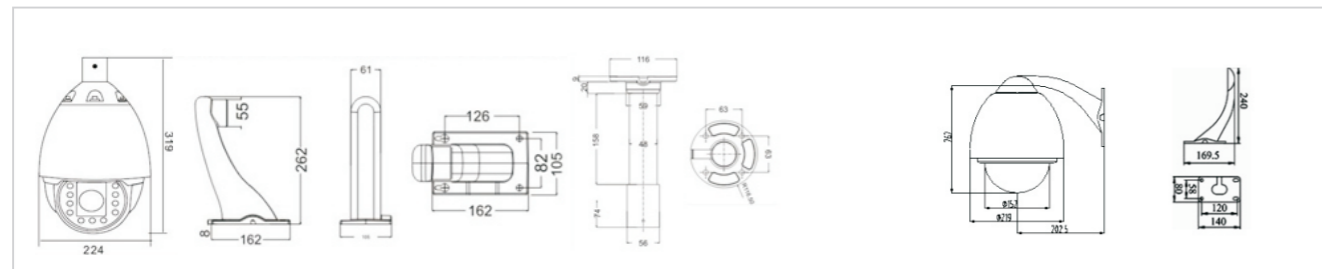
TI solution IP PTZ camera



Key Feature

- ◆ 11pcs ARRAY LED, 120M IR distance.
- ◆ ARM chip, embedded RTOS design, dual core 32bit DSP (TI Da vinci), pure disk compress.
- ◆ H.264, support dual coding, AVI format. Support coding 0.1M~6Mbp adjustable.
- ◆ Main stream: 1280×960, 1024×768, 1280×720.
- ◆ Sub-stream: 320×240, 352×192, 320×192, 288×192, 256×192.
- ◆ 720P 1.3 megapixels realtime, 25fps. Support 1~230fps/sec adjustable.
- ◆ Sony effio 20X zoom.
- ◆ One network port, 10/100M self-adaption.
- ◆ Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc protocol and ONVIF.
- ◆ Support WEB configuration, support OSD, support real-time video transmission.
- ◆ Support motion detection.
- ◆ Built-in watch dog, can auto restart.
- ◆ Auto flips with vertical 180. In Omni-direction, no fade zone.
- ◆ 200 preset positions, 5 patrol tracking route, each can set 16 preset positions.
- ◆ Built in auto thermostatic control system and fan speed test function.
- ◆ 3 level proof, IP66 waterproof.

Size(mm)



TI solution IP PTZ camera

Specifications

Model	AX-130PIS-A-IP
System	Embedded RTOS design, dual-core 32 bit DSP (TI Da Vinci), pure hardware compression/
Day & night mode	IR CUT
IR distance	120M
S/N Ratio	≥50dB
Minimum	0.02LUX
Pixel	1. 3MP/720P (1280×960)
IR LED	11pcs ARRAY LED
Preset position	200
Precision of preset	±0.1°
Exposure mode	Auto exposure, Auto white balance, Auto AGC
Sensor	1/3" Exmor TM CMOS
Optical zoom	20X
Pan control	360°Horizontal Continuous Rotation, 0.5°–220°/S
Tilt control	90°Vertical, 180°Auto flip, 0.5°–100°/S
Video compression	H.264
Compression output rate	Support dual coding, AVI format, 0.1M~6Mbp adjustable
Dual coding output	Support 1HD @ 25 frame + 1 CIF @ 25 frame dual coding
Audio compression	G.711, AAC, 16kHz 16bit 32kbps MP2
Network interface	1 Ethernet interface, 10/100 m adaptive, 10/100MBase-TX, 6PINx RJ45
Protocols	RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc
ONVIF	Support
Client software	Support
Power supply	DC12V/5A (±10%) , ≤50W
Working Temperature	-20°C ~60°C
Working humidity	≤90% No-condensing
Waterproof level	Ip66
Size	L295mm*W295mm*H495mm
Weight	About 6.5KG
Installation management	Web-based Configuration
Maintenance	Firmware upgrade through software
Network storage	NVR, SERVER
Live viewing	IE, mobile phone

Explosion-proof camera



Key Feature

- ◆ ExdIICT6/DIP A20Ta, T6
- ◆ Certification: CNEEx10.1387x
- ◆ 304 or 316 stainless steel
- ◆ 4ch alarm input, 2ch alarm output
- ◆ Explosion proof standard: GB3836, GB12476.1



Explosion-proof camera

Specifications

Model	HL-E9001
Explosion sign	ExdIICT6/DIP A20Ta, T6
Certification	CNEEx10.1387x
Material	304 or 316 stainless steel
IP Grade	Ip68
Cable entry number/spec	1pcs M20 x 1.5
Bracket	Wall mounting
Rotate range horizontal	360°
Rotate range vertical	0° -90°
Rotate speed horizontal	0.1-300/s
Rotate speed vertical	0.1-240/s
Size	7inch
Preset	256
Surface treatment	Stainless stell, shining treatment
Weight	10kg
Voltage	24VAC
Precision of presets	≤0.1
Ponsumption	<2A/<40W
Zoom	Sony/samsung/LG
Operation Temp.	-30℃~+60℃
Communication type	RS-485, etc
Electronic connection	Multicore complex cable, power supply, control, video signal
Special functions	camera name and angles display; watch dog, auto scan, interval scan, cruise preset positions, pattern route scan

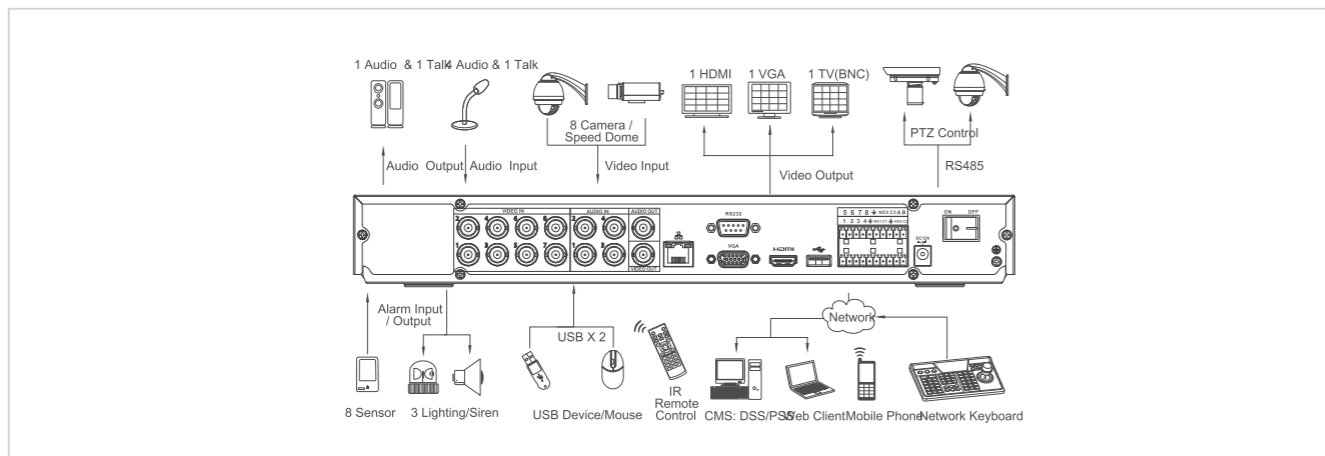


HDCVI DVR



Key Feature

- ◆ Up to 4/8 cameras with 720p realtime preview
- ◆ H.264 dual-stream video compression
- ◆ HDMI / VGA simultaneous video output
- ◆ All channel synchronous playback, GRID interface & smart search
- ◆ Support 1 SATA HDD up to 4TB, 2 USB2.0
- ◆ Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- ◆ Smart phone surveillance iPhone/ Android/ Windows Phone / Blackberry etc



HDCVI DVR

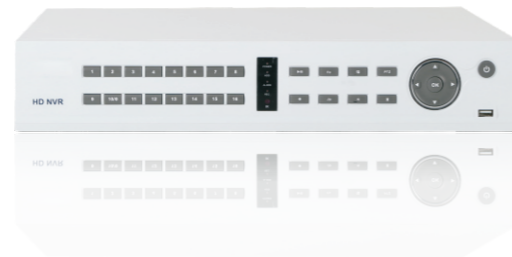
Specifications

Model	AX-6104CVI	AX-6108CVI
Operating system	Embedded LINUX	
Video input	4 channel, BNC	8channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
Audio input	1 channel, RCA	
Audio output	1 channel, RCA	
Two-way talk	Reuse audio input/output channel 1	
Interface	1 HDMI, 1 VGA,	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600	
Display split	1/4	1/4/8
Privacy masking	4 rectangular zones (each camera)	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Video/Audio compression	H.264	
Resolution	720P(1280×720/1280×600)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
Main stream	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	
Sync playback	1/4	1/4/8
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	
Ethernet	RJ-45 port (10/100M)	
Network functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP,	
Smart Phone	iPhone, Android, Windows phone, Blackberry etc	
Internal HDD	1 SATA port	
USB Interface	2 ports USB2.0	
Rs485	1 port, For PTZ Control	
Power Supply	DC12V/2A	
Power Consumption	10W(without HDD)	
Dimension	325mm×245mm×45mm	

HD NVR

Key Feature

- ◆ Support IP camera, IP high speed dome, IP camera video server.
- ◆ Automatically configure the network camera, no need manually add
- ◆ Support HDMI and VGA display: 1920x1080p
- ◆ Support recording preview, playback, digital zoom
- ◆ Support multi-screen preview and playback
- ◆ Support camera title, time, video loss, camera lock, motion detection
- ◆ Support 2 SATA II interface
- ◆ Embedded I/O device control, embedded PTZ control panel



Specifications

Model NO.	AX-6304	AX-6308	AX-6316
Video input	Support 4chD1 / 8ch 720P and 4ch 1080P input	Support 8 chD1 / 8ch 720P and 8ch 1080P input	Support 16 chD1/16ch720P input
Main Info	SOC Processor, Linux 2.6 operating system, quadruplex :preview, recording, playback, remote control		
Display	HD output: VGA port*1, HDMI port*1, support 1280×1024@60Hz 1920x1080@60Hz		
Compression	H.264		
Resolution	1080P(1920*1080), 720P(1280*720), UXGA(1600*1200), SVGA(800*600), VGA(640*480), D1, CIF		
Video Frame	PAL system: 25 fps(MAX), NTSC system: 30 fps(max)		
Recording Bit Rate	1080P – 6M, 720P-4M, D1- 2M		
Audio coding	IMA-ADPCM/G.711/G.726		
Audio	Single track, talkback, RCA port output		
Control interface	Support mouse, controller, keyboard control; support GUI; Buzzer & Screen tips		
Language	English, Portuguese and Chinese, more language need update;		
Recording Mode	Manual, schedule, motion detect, alarm recording; Video image can be choose: HD, Standard and self-defined		
Playback	Time Log playback, Playback interface shows playback status and current speed Support simultaneously playback video&audio(4ch1080p/720p/4D1); Fast play, slow down/ single frame/ rewind, Max 16x playback speed		
Backup	Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device		
Search	Support recording search, playback control (Fast play, Slow play Repeat Pause, each frame and so on) multi-channel playback, playback speed 1/8~16X		
Internet function	support IPv4/ PPPOE client/DHCP client/TCP/UDP/DDNS. supply Web software; Remote operation: Monitor, PTZ control Playback, system setting, file download, log information delay less than 500ms		
PTZ	Access to support getting front-end PTZ protocol		
Alarm function	4 channel alarm input, 1 channel output. Alarm trigger: motion detect, video lost; Alarm trigger the dvr's recording, interlinked PTZ, voice notice, alarm output and snap picture. Support alarm information send the WEB port or client ftware		
Operation LOG	Automatically record the operation information and alarm information. Directly play recorded video and the recorded time		
User management	Support multi user management, ID and password resetting. Support User self-defined; "Admin" user's authority not allow to be changed. Support defaulted user		
Auxiliary functions	Hardware-watchdog-circuit, Automatically restart, when camera no respond in 30 seconds		
Phone viewing	Support Saipan , Andrews , Microsoft , Apple and other phone system monitoring		
Port	RJ45, 10/100M; USB 2.0 port, 2*SATA Port, RS232, RS422		
Power consumption	AC80-240V		
Working temperature	-10°C-+50°C		
Humidity	10%-90%RH		
Power consumption	< 10W (without HDD)		

HD NVR

Key Feature

- ◆ Support IP camera, IP high speed dome, IP camera video server.
- ◆ Automatically configure the network camera, no need manually add
- ◆ Support HDMI and VGA display: 1920x1080p
- ◆ Support recording preview, playback, digital zoom
- ◆ Support multi-screen preview and playback
- ◆ Support camera title, time, video loss, camera lock, motion detection
- ◆ Support 8ch / 16ch 1080/720P
- ◆ Support 6 SATA II interface
- ◆ Embedded I/O device control, embedded PTZ control panel



Specifications

Model NO.	AX-8008	AX-8016
Video input	8 Channel 1080/720P	16 Channel 1080/720P
Main Info	SOC Processor, Linux 2.6 operating system, quadruplex :preview, recording, playback, remote control	
Display	HD output: VGA port*1, HDMI port*1, support 1280×1024@60Hz 1920x1080@60Hz	
Compression	H.264	
Resolution	1080P(1920*1080), 720P(1280*720), UXGA(1600*1200), SVGA(800*600), VGA(640*480), D1, CIF	
Video Frame	PAL system: 25 fps(MAX), NTSC system: 30 fps(max)	
Recording Bit Rate	1080P – 6M, 720P-4M, D1- 2M	
Audio coding	IMA-ADPCM/G.711/G.726	
Audio	Single track, talkback, RCA port output	
Control interface	Support mouse, controller, keyboard control; support GUI; Buzzer & Screen tips	
Language	English, Portuguese and Chinese, more language need update;	
Recording Mode	Manual, schedule, motion detect, alarm recording; Video image can be choose: HD, Standard and self-defined	
Playback	Time Log playback, Playback interface shows playback status and current speed Support simultaneously playback video&audio(4ch1080p/720p/4D1); Fast play, slow down/ single frame/ rewind, Max 16x playback speed	
Backup	Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device	
Search	Support recording search, playback control (Fast play, Slow play Repeat Pause, each frame and so on) multi-channel playback, playback speed 1/8~16X	
Internet function	Support IPv4/ PPPOE client/DHCP client/TCP/UDP/DDNS. supply Web software; Remote operation: Monitor, PTZ control Playback, system setting, file download, log information N delay less than 500ms	
PTZ	Access to support getting front-end PTZ protocol	
Alarm function	4 channel alarm input, 1 channel output. Alarm trigger: motion detect, video lost; Alarm trigger the dvr's recording, interlinked PTZ, voice notice, alarm output and snap picture. Support alarm information send the WEB port or client software	
Operation LOG	Automatically record the operation information and alarm information. Directly play recorded video and the recorded time	
User management	Support multi user management, ID and password resetting. Support User self-defined; "Admin" user's authority not allow to be changed. Support defaulted user	
Auxiliary functions	Hardware-watchdog-circuit, Automatically restart, when camera no respond in 30 seconds	
Phone viewing	Support Saipan , Andrews , Microsoft , Apple and other phone system monitoring	
Port	RJ45, 10/100M; USB 2.0 port, 2*SATA Port, RS232, RS422	
Power consumption	AC80-240V	
Working temperature	-10°C-+50°C	
Humidity	10%-90%RH	
Power consumption	< 10W (without HDD)	

HD NVR



Key Feature

- ◆ Can connect IP camera, IP speed dome camera and DVS;
 - ◆ Support Onvif protocol, Compatible with main brand IP cameras: AXIS, SONY, Panasonic, SANYO, BOSCH, SAMSUNG, Honeywell, VIVOTEK, HIKVISION, DAHUA, WISION, HYVISION, WAPA etc.
 - ◆ Support megapixel HD network video preview, storage and playback;
 - ◆ Click any area and zoom in or zoom out on the image by mouse;
 - ◆ Support digital zooming under preview and playback modes;
 - ◆ Support search, playback and backup by event;
 - ◆ Support 4ch playback simultaneously.
1. Preview channel can be switched to other channel randomly without changing the MAC which is convenient for the project construction;
 2. The dendritic menu can be moved. Man-machine communication is more direct and the settings of parameters are more easy and convenient;
 3. The mouse roller can realize 15X digital zooming which the enlarged image can be dragged and moved randomly under preview and playback modes;
 4. Immediate snapshot and immediate view; the picture will be stored in an independent area in the HDD;
 5. The recording playback is shown by time bar and different color represents different recording type. It is ver fast and easy to find check the recording;
 6. Recording backup can be accurate to second. Any time period of backup is available;
 7. The recording files in the USB disk can play directly in the playback interface while the snapshot pictures can be viewed directly;
 8. With 3G, WIFI wireless connection functions;
 9. Standard resolution which can be adjusted according to the display device in order to get the best image quality;
 10. Adopt HDD sequence writing method and the data is written from 0 track which increase 2.5X lifetime of the HDD.

HD NVR

Specifications

Model Number	AX-4009	AX-4016	AX-4036
Operating system	Embedded LINUX operating system		
Image code control	Image code quality adjustable, variable bitstream and constant bitstream optional		
Dual stream	Each channel can set main stream and sub stream		
Video standard	1080P(1920×1080)30fps /960P(1280×960)/720P(1280×720)30fps		
Monitoring image quality	1080P(1920×1080) / 960P(1280×960)/ 720P(1280×720)		
Image motion detection	Each screen can set mutiple detection areas and set 6-level sensitivity(IPC Support)		
Recording playback quality	Any 4CH 1080P/960/720P playback simultaneously		
Region cover	Every channel can set 4 cover regions(IPC Support)		
Recording mode	Support manual ,auto,dynamic detection,alarm trigger record mode		
Backup way	Support U disk, USB mobile HDD, USB DVD-RW network storage and backup(Partly needs IPC Support)		
Local login	User name and password		
Recording storage	Local HDD, network		
External Ports	Video input	9CH 1080P (1920*1080)	16CH 1080P (1920*1080) & 25CH 1080P (1920*1080) & 36CH 720P (1280*960) & 8CH 3MP & 4CH 5MP
	Audio input	9CH network audio input	16CH network audio input & 36/25CH network audio input
	Video output	1ch VGA+1ch HDMI	
	Audio output	1ch BNC auxiliary output	
	Network port	1 RJ45, 10M/100M/1000M self-adaptive LAN port	
	Rs485 port	Full duplex standard 485 port	
	USB port	3 USB 2.0 ports(one on front panel, two on rear panel)	
	Alarm input	4ch	8ch
	Alarm output	1ch	4ch
	HDD port	9pcs SATA+1 E-SATA HDD ports	
Mobile surveillance	Support iPhone, Windows, Mobile, BlackBerry, Symbian, Android smart phone		
Power supply	ATX110-220V 300W 50-60Hz		
Power consumption	≤30W (without HDD)		
Working temperature	-10℃ ~ +55℃		
Working humidity	10%-90%		
Dimension	440mm×432mm×90mm	539mm×550mm×225mm	
Weight(without HDD)	N.W.:7.4Kg; With packing:9.8Kg		
Installation way	Desktop Installation, Standard Cabinet Installation		

IP Accessories



AX-PS04

4channel POE switchboard,1,024 pcs MAC address
Bandwidth:1.6Gbps,internet delay(10 to 100M bps)Max:20 microseconds
10M: Max:14,800frames/s,100M:MAX 148,800frames/s,
IEEE 802.3i 10BASE-T,IEEE 802.3u 100BASE-TX,
IEEE 802.3x flow control,IEEE 802.3af power over ethernet,
Max power consumption of PoE 60W,each channel Max 15.4W,
MAX:48V @ 1.5A DC output



AX-PS08

8channel POE switchboard,1,024 pcs MAC address
Bandwidth:1.6Gbps,internet delay(10 to 100M bps)Max:20 microseconds
10M:Max:14,800frames/s,100M:MAX 148,800frames/s,IEEE 802.3i 10BASE-T,
IEEE 802.3u 100BASE-TX,IEEE 802.3x flow control,
IEEE 802.3af power over ethernetMax power consumption of PoE 150W,
each channel Max 15.4W,MAX:48V @ 1.5A DC output



AX-PS16

16channel POE switchboard,1,024 pcs MAC address
Bandwidth:1.6Gbps,internet delay(10 to 100M bps)Max:20 microseconds
10M: Max:14,800frames/s,100M:MAX 148,800frames/s,IEEE 802.3i 10BASE-T,
IEEE 802.3u 100BASE-TX,IEEE 802.3x Flow Control,
IEEE 802.3af power over ethernetMax power consumption of PoE 250W,
each channel Max 15.4W,MAX:48V @ 1.5A DC output



AX-PS24

24channel POE Switchboard,1,024 pcs MAC address
Bandwidth:1.6Gbps,internet delay(10 to 100M bps)Max:20 Microseconds
10M:Max:14,800frames/s, 100M :MAX 148,800 frames/s,IEEE 802.3i 10BASE-T,
IEEE 802.3u 100BASE-TX,IEEE 802.3x flow control,
IEEE 802.3af power over ethernetMax power consumption of PoE 400W,
each channel Max 15.4W,MAX:48V @ 1.5A DC output



POE Splitter

for PTZ (Pan/Tilt/Zoom)IPCameras,IEEE802.3at 4 pair,
nnectors:2 x RJ-45,shielded, EIA 568A and 568BDC JacksOn
unit:O.D x I.D=2.5 x 6.4 mmData Rate:10/100/1000Electrical Pin
Assignment & Polarity: 3/6 (+),1/2 (-) or 4/5 (+),7/8 (-)Input
voltage:44 - 57 vdcInput power:70W maxOutput power: 54W
maxOutput Current:4.5A@12V
Dimensions & Weight: 80 mm (H) x 124 mm (W) x 30 mm (D)



POE Injector

IEEE802.3at 4 pair,
2*RJ45 input60W
10/100 Mbps
data transmissionplug
and play.



AX-P01

POE splitter 1*RJ45 input
DC12V/1A adapter output
10/100 Mbps data
transmissionplug and play.

Certifications



High speed dome CE



High speed dome RoHS



NVR CE



IP camera CE



IP camera RoHS



NVR RoHS



700TVL CAMERA CE



700TVL Camera ROHS



CVI Camera CE

