

DHI- XVR4216/32AN-X

16/32 Channel Penta-brid 720P Digital Video Recorder



- · H.265 video compression
- · Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- · Max 18/16 channels IP camera inputs, each channel up to 5MP; Max 72/64Mbps Incoming Bandwidth
- · Long transmission distance over coax cable
- · Supports 2 SATA HDD, up to 10TB

System Overview

With the surveillance operators pursuing to HD/UHD which further adds the storage and transmission cost, HDCVI H.265+/H.265 has been released to incredibly decrease the required bitrate while ensuring the video quality in realizing high resolution surveillance such as 4MP/4K.

The Lite Series is designed for high cost performance and quality. The range offers a great solution for users facing budget constraints who both require quality and performance. And with the adoption of Smart H.265+/H.265, the series improves encoding efficiency, saving on bandwidth/storage costs, and significantly reducing the Total Cost of Ownership (TCO).

Functions

H.265 Video Compression

Newly added H.265 video compression ensures the same image quality with only half bitrate and storage compared to H.264.

HDCVI/AHD/TVI/CVBS/IP Auto-detect

The XVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

5MP Resolution

The XVR supports up to 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.

Coaxial Audio/Upgrade/Alarm

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.



Long Distance Transmission

The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700m for 4K/4MP, 800m for 1080P and 1200m for 720P.

Smart Fan Design

The smart fan can automatically turn on or turn off according to the CPU temperature. This function can effectively reduce the fan noise to provide a better user experience.

Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.

Perfect Image Quality

High performance chip provides perfect image quality with better color reproduction.

P2P

Monitor at anytime and anywhere. Easily and conveniently mange the device.

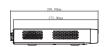


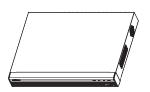
Make Processor Embedded Processor Value Defection Make Secretary Value Defection Make Secretary Value Defection Make Value Val	Technical Specification		Video Detection a	nd Alarm
Departing System	System		Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Alarm Input			Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Analog Camera Input 18/92 Channel, BNC No.		Ellipedied Livox	Alarm input	N/A
### HOCVI Camera	Video and Audio		Relay Output	N/A
IRCPUT Camera	Analog Camera Input	16/32 Channel, BNC	Playback and Back	up
AHD Camera 1080P823/30,720P823/20fps TVI Camera 1080P823/30,720P823/20fps Search Mode Physiopase, Studfile, Backup, Rowned star play, Slow play, Nater Faile Physiopase files, New Camera, Polis Serve Repeat Shuffle, Backup Selection, Dela Search Storage Storage Storage Storage Storage Storage Storage Main Stream: the fact Amenic 1880N/720P1-25/30fps), others 1088N/720P1-15fps; 960N03/HDV2NCYCT/CPG f1-25/30fps), others 1088N/720P1-15fps; 960N03/HDV2NCYCT/CPG f1-25/30fps) 960N03/HDV2NCYCT/CPG f1-25/30fps) 960N03/HDV2NCYCT/CPG f1-25/30fps) 960N03/HDV3NCYCT/CPG f1-25/30fps) 960N03/HDV3NCY	HDCVI Camera	1080P@25/30fps, 720P@25/30fps		
TV Camera 1880 1890 18	AHD Camera	1080P@25/30, 720P@25/30fps		
Parenta Input 16-7/16 Channel, each channel up to SMP Playback Function Previous Flien, Next Carmera, Provious Flien, Next Carmera, Provious Flien, Next Carmera, Publisher Repeat, Shuffle, Backup Selection, Digital Zoom Next Very April 18 Residentia (Notat, RCA Research in March 1900 25 ATA Port, up to 10TB Capacity Storage Internal HDD 25 ATA Port, up to 10TB Capacity Playback Function Notation Previous Flien, Next Carmera, Publisher School	TVI Camera	1080P@25/30, 720P@25/30fps	Search Mode	
P Camera Input 16-27_16 Charmed, each channed up to SMP	CVBS Camera	PAL/NTSC		Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File,
Backup Mode	IP Camera Input	16+2/16 Channel, each channel up to 5MP	Playback Function	
Record Rate	Audio In/Out	1/1, RCA	Backup Mode	LISR Device/Network
Internal HDD	Two-way Talk	Reuse audio in/out, RCA		oss bevice/network
Accord A	Recording		Storage	
Record Rate 168N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF Auxiliary Interface Healt staneol 1080N/720P(1*25/30fps), others 1080N/720P(1*25/30fps) 168N, 720P(1*25/30fps) 168N, 720P(1*25/30	Compression	H.265/H.264+/H.264	Internal HDD	2 SATA Port, up to 10TB capacity
Main Stream: the 1st channel 1080N/720P(1"25/30fps), others 1080N/720P(1"15/ps); 960H/D1/HD1/RGIF(IS/DCIF (1"25/30fps))	Resolution	1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF	eSATA	N/A
The first channel 1080N/720P(1"25/30fps) obtained 1080N/720			Auxiliary Interface	
Sub steram:CIF/QCIF(1"7fps) R5232 N/A	Record Rate	the 1st channel 1080N/720P(1~25/30fps), others 1080N/720P(1~15fps);	USB	
Bit Rate 1kbps ~6144kbps Per Channel Record Mode Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop Record Interval 1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 1~30 se			RS232	N/A
Record Mode Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop Record Interval 1 ^ 60 min (default: 60 min), Pre-record: 1 ^ 30 sec, Post-record: 10 ^ 300 sec Display Interface 16CH: HDMI, 1 VGA, 32CH: HDMI, 1 VGA, 32CH: HDMI, 1 VGA, 1 TV Resolution 1920×1080, 1280×1024, 1280×720, 1024×768 Multi-screen Display When IP extension mode not enabled: 1/4/8/9/16/25 32CH: 1/4/8/9/16/25/33 OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording 16CH: RI-45 Port (100M) 32CH: RI-45 Port (100M) 32	Bit Rate	1Kbps ~ 6144Kbps Per Channel	RS485	1 Port, for PTZ Control
Record Mode Motion Detection, Video Loss, Tampering), Alarm, Stop Power Supply 16CH: DC12V/4A 32CH: DC12V/5A 32		Manual Schedule (General Continuous) MD (Video detection	Electrical	
Power Consumption 32CH: 16CH: 16CH: 2005 Resolution 1920×1080, 1280×1024, 1280×720, 1024×768	Record Mode	Motion Detection, Video Loss, Tampering), Alarm, Stop	Power Supply	
Interface 32CH:1 HDMI, 1 VGA, 32CH:1 HDMI, 1 VGA, 32CH:1 HDMI, 1 VGA, 1 TV Resolution 1920×1080, 1280×1024, 1280×720, 1024×768 Net Weight 2.35kg (5.2 lb) (without HDD) 16CH: When IP extension mode not enabled:1/4/8/9/16 When IP extension mode enabled:1/4/8/9/16/25 32CH:1/4/8/9/16/25/36 OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording S2CH:1 RJ-45 Port (100M) S2CH:1 RJ-45 Port (100M) S2CH:1 RJ-45 Port (100M) S2CH:1 RJ-45 Port (1000M) Network Function HTTP, TCP/IP, IPV4/IPV6, UPPP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPo6_DDNS, FTP, Alarm Server, P2P,IP Search (Support Dahua IP camera, DVR, NVS, etc.) Max. User Access 128 users Smart Phone iPhone, iPad, Android Interoperability ONVIF 16.12, CGI Conformant Construction Dimensions 1U, 375mm×287mm×53mm (14.8" x 11.3" x 2.1") Met Weight 2.35kg (5.2 lb) (without HDD) Gross Weight 3.2kg (7.05lb) Installation Desktop installation Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH Third-party Support Third-party Support Third-party Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CPlus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more Certifications FCC: Part 15 Subpart B CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 5032, EN 503			Power Consumption	· · · · · · · · · · · · · · · · · · ·
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Multi-screen Display 16CH: When IP extension mode not enabled:1/4/8/9/16 When IP extension mode enabled:1/4/8/9/16/25 32CH:1/4/8/9/16/25/36 Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Multi-screen Display When IP extension mode not enabled:1/4/8/9/16 When IP extension mode enabled:1/4/8/9/16/25 32CH:1/4/8/9/16/25/36 Camera title, Time, Video loss, Camera lock, Motion detection, Recording Network Interface 16CH:1 RJ-45 Port (100M) 32CH:1 RJ-45 Port (100M) 32CH:1 RJ-45 Port (1000M) Network Function Network Function Network Function Max. User Access 128 users Smart Phone Interoperability When IP extension mode not enabled:1/4/8/9/16/25 Installation Desktop installation Environmental Operating Conditions -10°C~+55°C (+14°F~+131°F), 0~90% RH Third-party Support Third-party Support Third-party Support Third-party Support Certifications Certifications FCC: Part 15 Subpart B CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50			_	
OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording Operating Conditions To*C * +55*C (+14*F * +131*F), 0 * 90% RH Storage Conditions -20*C * +70*C (-4*F * +158*F), 0 * 90% RH Third-party Support Certifications Teres (Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, Canon	Multi-screen Display			,
OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH Storage Conditions -20°C ~ +70°C (-4°F ~ +158°F), 0~ 90% RH Third-party Support Third-party Support Third-party Support Third-party Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, Centre Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more Certifications Terms of the provided the provided that the provided			Environmental	
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Network Function Third-party Support Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more Certifications FCC: Part 15 Subpart B CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50	Network		Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
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Max. User Access Smart Phone iPhone, iPad, Android Interoperability ONVIF 16.12, CGI Conformant Certifications FCC: Part 15 Subpart B CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50	Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P,IP Search		Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, C Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
Smart Phone iPhone, iPad, Android Interoperability ONVIF 16.12, CGI Conformant Certifications CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50	Max. User Access	128 users	Certifications	
CE: CE-LVD: EN 60950-1/IEC 60950-1	Smart Phone			FCC: Part 15 Subpart B
	Interoperability		Certifications	CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50
				UL: UL 60950-1

Ordering Information				
Туре	Part Number	Description		
16 Channel XVR	DHI-XVR4216AN-X	16 Channel Penta-brid 720P 1U Digital Video Recorder		
32 Channel XVR	DHI-XVR4232AN-X	32 Channel Penta-brid 720P 1U Digital Video Recorder		

Dimensions (mm)

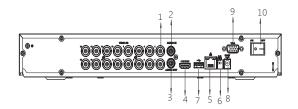






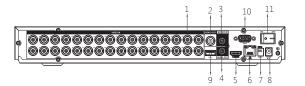
Rear Panel

DHI-XVR4216AN-X



- 1 VIDEO IN
- 6 RS485 Interface
- 2 AUDIO IN, RCA Connector
- 7 USB Interface
- 3 AUDIO OUT, RCA Connector
- 8 DC 12V Power Input
- 4 HDMI Interface
- 9 VGA Interface
- 5 Network Interface
- 10 Power Switch

DHI-XVR4232AN-X



- 1 VIDEO IN
- 7 RS485 Interface
- 2 VIDEO OUT
- 8 DC 12V Power Input
- 3 AUDIO IN, RCA Connector
- 9 USB Interface
- 4 AUDIO OUT, RCA Connector
- 10 VGA Interface
- 5 HDMI Interface
- 11 Power Switch
- 6 Network Interface



