

DHI- XVR5204/08/16AN

4/8/16 Channel Penta-brid 1080P 1U Digital Video Recorder



- · Embedded processor
- · H.264+/H.264 dual-stream video compression
- · Support HDCVI/AHD/TVI/CVBS/IP video inputs
- · Max 6/12/24 channels IP camera inputs, each channel up to 5MP
- · Max 24/48/96Mbps Incoming Bandwidth
- · Smart Search and Intelligent Video System













System Overview

Dahua, as a technology leader, is always the first ever developed the shining new technology in the security industry ,and today we present XVR.As the perfect solution to upgrade existing video surveillance systems, XVR supports penta-brid access technology such as HDCVI, AHD, TVI, CVBS and IP to effortlessly integrate with popular industry formats, offering an affordable solution loaded with flexible options. It supports up to 4/8/16 channels of HDCVI/AHD/TVI/CVBS inputs, and 2/4/8 channels IP camera additionally, 16 channels local live-view channels, and 16 playback channels.

Designed as a full compatibility product, XVR is able to provide end user the simplicity of analog system, namely lower system cost, simple installation and use of existing cable. It is ideal for a wide range of applications such as public safety, retail store, transportation, home protection and education.

Functions

Smart H.264+

Smart Codec, H.264+ can reduce up to 70% bit rate and storage requirements without having to invest in new cameras.

HDCVI/AHD/TVI/CVBS 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 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.

Spot Output

It is made for a secondary monitor. This allows the operator to view one special monitor that assigned to selected cameras or video inputs from higher security areas.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the XVR has the ability to detect and analyze moving objects for improved video surveillance. The XVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a predetermined line has been crossed.

Face Detection

It is a type technology being used in a variety of applications that search or identify individuals which show front cameras.

Smart Saarch

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.





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Technical Specification		Audio and Video	
System		HDCVI Camera Input	4/8/16 Channel
Main Processor	Embedded Processor	IP Camera Input	4+2/8+4/16+8 Channel, each channel up to 5MP
Operating System	Embedded LINUX	Audio In/Out	1/1
Display		Two-way Talk	Reuse audio in/out, RCA
Interface	4/8CH:1 HDMI ,1 VGA	Recording	
	16CH::1 HDMI ,1 VGA SPOT(configurable)	Compression	H.264+/H.264
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768 4CH: 1/4/6 Bisplay 8CH: 1/4/8/9/16 16CH: 1/4/8/9/16/25	Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Multi-screen Display			Main stream: 1080P(1~15fps)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Record Rate	1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)
Video Detection and Ala	Video Detection and Alarm		1Kbps ~ 6144Kbps Per Channel
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips	Bit Rate	Manual, Schedule (Regular, Continuous), MD
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis	Record Mode	(Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Alarm input	N/A	Record Interval	$1^{\sim}60$ min (default: 60 min), Pre-record: $1^{\sim}30$ sec, Post-record: $10^{\sim}300\text{sec}$
Relay Output	N/A	Network	
Tracking Trigger Event	N/A	Interface	4/8CH: 1 RJ-45 Port (100M) 16CH: 1 RJ-45 Port (1000M)
Playback and Backup		Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE,DDNS, FTP, Alarm
Playback	4CH: 1/4 8CH: 1/4/9 16CH: 1/4/9/16	The control of the co	Server, P2P, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
		Max. User Access	128 users
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	Smart Phone	iPhone, iPad, Android
	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection,	Interoperability	ONVIF 2.4.1, CGI Conformant
Playback Function		Electrical	
Backup Mode	Digital Zoom USB Device/Network	Power Supply	DC12V/4A
,	O3B Device/ Network	Power Consumption	<15W (Without HDD)
Storage		Environmental	
Internal HDD	2 SATA Ports, up to 6TB capacity for each disk	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
HDD Mode	Single	Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH
eSATA	N/A	Construction	
Auxiliary Interface		Dimensions	1U, 375mm×285mm×55mm (14.7" x 11.2" x 2.2")
Front Cover	N/A	Net Weight	2.35kg (5.2 lb) (without HDD)
USB	4/8CH: 2USB Ports(2 USB 2.0) 16CH:2USB Ports (1 USB 2.0 , 1 USB 3.0)	Gross Weight	3.2kg (7.05lb)
RS232	N/A	Installation	Desktop installation
RS485	1 Port, for PTZ Control	Certifications	
Third-party Support			FCC: Coming soon
	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic,	Certifications	UL: Coming soon
Third-party Support	Pelico, Samsung, Sanyo, Sony, Videotec, Vivotek,		



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Ordering Information				
Туре	Part Number	Description		
	DHI-XVR5204AN	4 Channel Penta-brid 1080P 1U Digital Video Recorder		
4/8/16 Channel XVR	DHI-XVR5208AN	8 Channel Penta-brid 1080P 1U Digital Video Recorder		
	DHI-XVR5216AN	16 Channel Penta-brid 1080P 1U Digital Video Recorder		

Dimensions (mm)











