

# 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 up to 5MP HD resolution (2560  $\times$  1920) IPC input for recording, live viewing.

#### Spot Output(XVR5216AN)

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 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.



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, RCA
Display		Two-way Talk	Reuse audio in/out, RCA
Interface	4/8CH:1 HDMI ,1 VGA 16CH::1 HDMI ,1 VGA SPOT(configurable)	Recording	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	Compression	H.264+/H.264
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16	Resolution	1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
OSD	16CH: 1/4/8/9/16/25  Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Record Rate	Main stream: 1080P(1~15fps) 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps)
Video Detection and	Alarm		Sub steram:D1/CIF/QCIF(1~15fps)
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP,	Bit Rate	1Kbps ~ 6144Kbps Per Channel
Video Detection	Snapshot, Buzzer and Screen Tips  Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis	Record Mode	Manual, Schedule (Regular, Continuous), MD (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: $10^{\sim}300$ sec
Relay Output	N/A	Network	
Playback and Backup		Interface	4/8CH: 1 RJ-45 Port (100M) 16CH: 1 RJ-45 Port (1000M)
Playback	4CH: 1/4 8CH: 1/4/9 16CH: 1/4/9/16	Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server,P2P, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	Max. User Access	128 users
	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	Smart Phone	iPhone, iPad, Android
Playback Function		Interoperability	ONVIF 2.42, CGI Conformant
Backup Mode	USB Device/Network	Electrical	
Storage		Power Supply	DC12V/4A
Internal HDD	2 SATA Ports, up to 8TB capacity for each disk	Power Consumption	<15W (Without HDD)
eSATA	N/A	Environmental	
Auxiliary Interface		Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH
USB	4/8CH: 2USB Ports(2 USB 2.0) 16CH: 2USB Ports (1 USB 2.0, 1 USB 3.0)	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
RS232	N/A	Construction	
		Dimensions	1U, 375mm×287mm×53mm (14.8" x 11.3" x 2.1")
RS485	1 Port, for PTZ Control	Net Weight	2.35kg (5.2 lb) (without HDD)
Third-party Support  Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more	Gross Weight	3.2kg (7.05lb)
		Installation	Desktop installation
		Certifications	
			FCC: Part 15 Subpart B ICES 003 Issue 6
		Certifications	CE: EN 55032: 2012+AC 2013 (Class B) EN 55024 : 2010 EN 61000-3-2 : 2014 EN 50130-4: 2011 EN 61000-3-3 : 2013

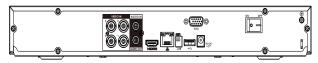
UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07

# Lite Series | DHI-XVR5204/08/16AN

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

## **Rear Panel**

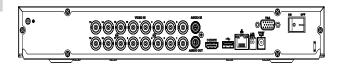
#### DHI-XVR5204AN



#### DHI-XVR5208AN



#### DHI-XVR5216AN



## **Dimensions (mm)**



