

# DHI-XVR4104/08/16HS

4/8/16 Channel Penta-brid 720P Compact 1U Digital Video Recorder



- · Embedded processor
- · H.264 video compression
- · Support HDCVI/AHD/TVI/CVBS/IP video inputs
- · Max 5/10/18 channels IP camera inputs
- · Long transmission distance over coax cable
- · Support 1 SATA HDD, up to 8TB













#### **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 1/2/2 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**

#### 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.

#### **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.

#### P2P

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



Technical Specification		Audio and Video	
System		HDCVI Camera Input	4/8/16 Channel
Main Processor	Embedded Processor	IP Camera Input	4+1: each channel up to 2MP 8+2/16+2: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	1 HDMI ,1 VGA	Recording	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	Compression	H.264
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16 16CH: 1/4/8/9/16/25	Resolution	1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		Main Stream: 4CH:1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps)
Video Detection and Alarm		Record Rate	8/16CH:1080N(12fps)/720P(15fps)/960H/D1/HD1/ BCIF/CIF/QCIF (1~25/30fps)
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips		Sub steram:4CH:CIF/QCIF(1~15fps)
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering	Bit Rate	1Kbps ~ 6144Kbps Per Channel
Alarm input	N/A	Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Relay Output	N/A	Record Interval	$1 \sim 60  \text{min}$ (default: 60 min), Pre-record: $1 \sim 30  \text{sec}$ , Post-record: $10 \sim 300  \text{sec}$
Playback and Backup		Network	
Playback	4CH: 1/4 8CH: 1/4/9 16CH: 1/4/9/16	Interface	1 RJ-45 Port (100M)
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	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, DVP, NVS, etc.)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	Max. User Access	DVR, NVS, etc.) 128 users
		Smart Phone	iPhone, iPad, Android
Backup Mode	USB Device/Network	Interoperability	ONVIF 2.42, CGI Conformant
Storage		Electrical	
Internal HDD	1 SATA Port, up to 8TB capacity	Power Supply	DC12V/2A
eSATA	N/A	Power Consumption	<10W (Without HDD)
Auxiliary Interface		Environmental	
USB	2 USB Ports (2 USB 2.0)	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH
RS232	N/A	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
RS485	1 Port, for PTZ Control	Construction	
Third-party Support	,	Dimensions	Compact 1U, 260×236×48mm(10.2"×9.3"×1.9")
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more	Net Weight	0.75kg ( 1.7lb) (without HDD)
		Gross Weight	1.5kg (3.3lb)
		Installation	Desktop installation
		Certifications	
			FCC: Part 15 Subpart B ICES 003 Issue 6
			CE:EN 55032:2012+AC:2013(Class B)

Certifications

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-XVR4104/08/16HS

Ordering Information			
Туре	Part Number	Description	
	DHI-XVR4104HS	4 Channel Penta-brid 720P Compact 1U Digital Video Recorder	
4/8/16 Channel XVR	DHI-XVR4108HS	8 Channel Penta-brid 720P Compact 1U Digital Video Recorder	
	DHI-XVR4116HS	16 Channel Penta-brid 720P Compact 1U Digital Video Recorder	

### **Rear Panel**

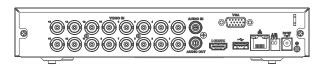
DHI-XVR4104HS



DHI-XVR4108HS



DHI-XVR4116HS



## Dimensions (mm)

