

# DHI-XVR4104/08C

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



- · Embedded processor
- · H.264 video compression
- · Support HDCVI/AHD/TVI/CVBS/IP video inputs
- · Max 5/10 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 channels of HDCVI/AHD/TVI/CVBS inputs, and 1/2 channels IP camera additionally, 16 channels local live-view channels, and 8 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 x 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 mange the device.





# Lite Series | DHI-XVR4104/08C

## **Technical Specification**

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System		
Main Processor	Embedded Processor	
Operating System	Embedded LINUX	
Display		
Interface	1 HDMI ,1 VGA	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Video Detection and Alarm		
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips	
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Ta	
Alarm input	N/A	
Relay Output	N/A	
Playback and Backup		
Playback	4CH: 1/4 8CH:1/4/9	
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	
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	
Backup Mode	USB Device/Network	
Storage		
Internal HDD	1 SATA Port, up to 8TB capacity	
eSATA	N/A	
Auxiliary Interface		
USB	2 USB Ports (2 USB 2.0)	
RS232	N/A	
RS485	N/A	
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	

Audio and Video	
HDCVI Camera Input	4/8 Channel
IP Camera Input	4+1 Channel: each channel up to 2MP 8+2 Channel:each channel up to 5MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA
Recording	
Compression	H.264
Resolution	1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 4CH:1080N/720P/960H/D1/HD1/ BCIF/CIF/QCIF (1~25/30fps) 8CH:1080N(12fps)/720P(15fps)/960H/D1/HD1/ BCIF/CIF/QCIF (1~25/30fps) Sub steram:4CH:CIF/QCIF(1~15fps) 8CH:CIF/QCIF(1~7fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	$1{}^{\sim}60$ min (default: 60 min), Pre-record: $1{}^{\sim}30$ sec, Post-record: $10{}^{\sim}300$ sec
Network	
Interface	1 RJ-45 Port (100M)
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.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.42, CGI Conformant
Electrical	
Power Supply	DC12V/2A
Power Consumption	<10W (Without HDD)
Environmental	
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
Construction	
Dimensions	Smart 1U, 205mm×211mm×45mm (8.1"×8.3"×1.8")
Net Weight	0.55kg (1.2lb) (without HDD)
Gross Weight	1kg (2.2lb)
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:IEC 61000-4-3: 2006+A1: 2007+A2: 2010



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Ordering Information		
Туре	Part Number	Description
4/8 Channel XVR	DHI-XVR4104C	4 Channel Penta-brid 720P Smart 1U Digital Video Recorder
	DHI-XVR4108C	8 Channel Penta-brid 720P Smart 1U Digital Video Recorder

### Rear Panel

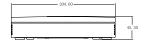
DHI-XVR4104C



DHI-XVR4108C



# Dimensions (mm)











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