

DHI-XVR4104/08/16HS

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



- Embedded processor
- •Support HDCVI/CVBS/HDTVI/AHD video inputs
- •Max 5/10/18 channels IP camera inputs, each channel up to 5MP(2MP for 4ch)
- •Max 20/40/72Mbps Incoming Bandwidth
- •Long transmission distance over coax cable
- •Support 1 SATA HDD, up to 6TB



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.

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.

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.

Functions

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 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.



Lite Series | DHI-XVR4104/08/16HS



Technical Specification

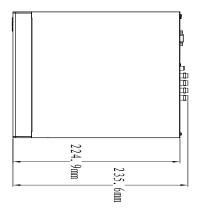
System		
Main Processor	Embedded Processor	
Operating System	Embedded LINUX	
Display		
Interface	1 HDMI ,1 VGA	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16 16CH: 1/4/8/9/16/25	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Video Detection and Alarm		
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips	
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank	
Alarm input	N/A	
Relay Output	N/A	
Tracking Trigger Event	N/A	
Playback and Backup		
Playback	4CH: 1/4 8CH: 1/4/9 16CH: 1/4/9/16	
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 6TB capacity for each disk	
HDD Mode	Single	
eSATA	N/A	
Auxiliary Interface		
Front Cover	N/A	
USB	2 USB Ports (2 USB 2.0)	
RS232	N/A	
RS485	1 Port, for PTZ Control	
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	

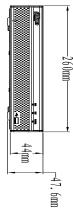
Audio and Video	
HDCVI Camera Input	4/8/16 Channel
IP Camera Input	4+1/8+2/16+2 Channel, each channel up to 5MP
Audio In/Out	1/1
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	
Compression	H.264
Resolution	1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main Stream: 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)
Bit Rate	32Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 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, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4.1, CGI Conformant
Electrical	
Power Supply	DC12V/2A
Power Consumption	<15W (Without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH
Construction	
Dimensions	Compact 1U, 260×236×48mm(10.2"×9.3"×1.9")
Net Weight	0.75kg (1.7lb) (without HDD)
Gross Weight	1.5kg (3.3lb)
Installation	Desktop installation
Certifications	
Certifications	FCC: Coming soon UL: Coming soon
	-

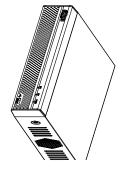
Lite Series | DHI-XVR4104/08/16HS

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

Dimensions (mm)







E.E.

