

DHI-XVR5104C-4M

4 Channel Penta-brid 4MP Smart 1U Digital Video Recorder



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













System Overview

Throughout the years, HDCVI technology gained international fame for becoming a brand new international standard for video surveillance, and has never stopped evolving. From 2MP to 4MP, now Dahua Technology brings HDCVI into the 4K era. It presents a much clear and vivid world.

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.

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.

Coaxial Audio/Upgrade/Alarm

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.

Intelligent Fan Design

The intelligent fan can automatically turn on or turn off according to the CPU temperature. This function can effectively reduce the fan noise to provide a better user experience while extending the life of the fan at the same time.

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		Video Detection and Alarm	
System		Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzze
Main Processor	Embedded Processor	Alarm input	and Screen Tips Motion Detection, MD Zones: 396 (22 × 18), Video Loss ,
Operating System	Embedded LINUX	·	Tampering and Diagnosis
Video and Audio		Alarm input	N/A
Analog Camera Input	4 Channel, BNC	Relay Output	N/A
HDCVI Camera	4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps	Playback and Back	ир
AHD Camera	5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps	Playback	1/4
TVI Camera	5MP, 3MP, 1080P@25/30, 720P@25/30fps	Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second
CVBS Camera	PAL/NTSC	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
IP Camera Input	4+2 Channel, each channel up to 5MP		
Audio In/Out	1/1, RCA	Backup Mode	USB Device/Network
Two-way Talk	Reuse audio in/out, RCA	Storage	
Recording		Internal HDD	1 SATA Port, up to 8TB capacity
Compression	H.264+/H.264	eSATA	N/A
Resolution	4MP, 3MP, 1080P, 720P, 960H, D1, CIF, QCIF	Auxiliary Interface	
Record Rate	Main stream: 4MP/3MP(1~15fps); 1080P/720P/960H/D1/CIF/QCIF (1~25/30fps) Sub steram:960H(1~12fps); D1/CIF/QCIF(1~25/30fps)	USB	2 USB Ports (2 USB 2.0)
		RS232	N/A
		RS485	N/A
Bit Rate	1Kbps ~ 6144Kbps Per Channel	Electrical	
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop	Power Supply	DC12V/2A
		Power Consumption	<10W (Without HDD)
Record Interval	1 $^{\sim}$ 60 min (default: 60 min), Pre-record: 1 $^{\sim}$ 30 sec, Post-record: 10 $^{\sim}$ 300 sec	Construction	
Display		Dimensions	Smart 1U, 205mm×211mm×45mm (8.1"×8.3"×1.8")
Interface	1 HDMI, 1 VGA	Net Weight	0.55kg (1.2lb) (without HDD)
Resolution	2560×1440, 1920×1080, 1280×1024, 1280×720,	Gross Weight	1kg (2.2lb)
	1024×768 When IP extension mode not enabled: 1/4	Installation	Desktop installation
Multi-screen Display	When IP extension mode enabled: 1/4/6	Environmental	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH
Network		Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
Interface	1 RJ-45 Port (100M)	Third-party Support	
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.)	Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plu Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sc Videotec, Vivotek, and more
Max. User Access	128 users	Certifications	
Smart Phone	iPhone, iPad, Android		FCC: Part 15 Subpart B
Interoperability	ONVIF 2.42, CGI Conformant	Certifications	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024
			UL: UL 60950-1

Lite Series | DHI-XVR5104C-4M

Ordering Information				
Туре	Part Number	Description		
4 Channel XVR	DHI-XVR5104C-4M	4 Channel Penta-brid 4MP Smart 1U Digital Video Recorder		

Dimensions (mm)



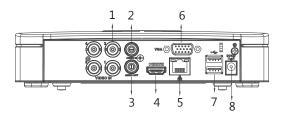






Rear Panel

DHI-XVR5104C-4M



- VIDEO IN 1
- 5 Network Interface
- 2 AUDIO IN, RCA Connector
- 6 VGA Interface
- 3 AUDIO OUT, RCA Connector
- 7 USB Interface
- HDMI Interface
- 8 DC12V Power Input

