

## DH-XVR4104C-X1

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



- · H.265+/H.265 dual-stream video compression
- · Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- $\cdot$  Max 5 channels IP camera inputs, each channel up to 2MP; Max 20Mbps incoming bandwidth
- · Long transmission distance over coax cable
- · Supports 1 SATA HDD, up to 6TB



#### **System Overview**

With the surveillance operators pursuing to HD/UHD which further adds the storage and transmission cost, HDCVI H.265+/H.265 has been released to incredibly decrease the required bitrate while ensuring the video quality in realizing high resolution surveillance such as 4MP/4K.

The Lite Series is designed for high cost performance and quality. The range offers a great solution for users facing budget constraints who both require quality and performance. And with the adoption of Smart H.265+/H.265, the series improves encoding efficiency, saving on bandwidth/storage costs, and significantly reducing the Total Cost of Ownership (TCO).

#### **Functions**

#### Smart H.265+

Smart Codec, H.265+ can reduce up to 90% bit rate and storage requirements compared with H.264 without having to invest in new cameras.

#### 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.

#### 2MP Resolution

The XVR supports up to 2MP HDCVI camera and IPC input.

#### Coaxial Audio/Upgrade/Alarm

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

#### Long Distance Transmission

The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700m for 4K/4MP, 800m for 1080P and 1200m for 720P.

#### 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.

#### Perfect Image Quality

High performance chip provides perfect image quality with better color reproduction.

#### P2P

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



Technical Specification		Video Detection and Alarm	
System		Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Main Processor	Embedded Processor	Video Detection	Motion Detection, MD Zones: 396 (22 $\times$ 18), Video Loss,
Operating System	Embedded LINUX		Tampering and Diagnosis
Video and Audio		Alarm input	N/A N/A
Analog Camera Input	4 Channel, BNC	Relay Output	·
HDCVI Camera	1080P@25/30fps, 720P@25/30fps	Playback and Back	
AHD Camera	1080P@25/30, 720P@25/30fps	Playback	1/4
TVI Camera	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+1, each channel up to 2MP		
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 6TB capacity
Video Compression	H.265+/H.265/H.264+/H.264	eSATA	N/A
Resolution	1080N, 720P, 960H, D1, CIF	Auxiliary Interface	
Record Rate	Main Stream: 1080N/720P/960H/D1/CIF (1~25/30fps) Sub stream:CIF (1~15fps)	USB	2 USB 2.0
		RS232	N/A
Video Bit Rate	32Kbps ~ 4096Kbps Per Channel	RS485	N/A
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop	Electrical	
		Power Supply	DC12V/1.5A
Record Interval	$1 \sim 60  \text{min}$ (default: $60  \text{min}$ ), Pre-record: $1 \sim 30  \text{sec}$ , Post-record: $10 \sim 300  \text{sec}$	Power Consumption (Without HDD)	<10W
Audio Compression	AAC(only for the 1st channel), G.711A, G.711U, PCM	Construction	
Audio Sample Rate	8KHz, 16 bit Per Channel	Dimensions	Smart 1U, 205mm×211mm×45mm (8.1"×8.3"×1.8")
Audio Bit Rate	64Kbps Per Channel	Net Weight (without HDD)	0.47kg (1.0lb)
Display	4.174.11.4.174.	Gross Weight	1.1kg (2.4lb)
Interface Resolution	1 HDMI ,1 VGA 1920×1080, 1280×1024, 1280×720	Installation	Desktop installation
Resolution		Environmental	
Multi-screen Display	When IP extension mode not enabled: 1/4 When IP extension mode enabled: 1/4/6	Operating Conditions	-10°C ~ +45°C (+14°F ~ +113°F), up to 55°C/131°F with ca fan, 10~ 90% RH
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
Network		Third-party Suppor	t
Interface	1 RJ-45 Port (100M)	Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, Cl Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung,
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, P2P,IP Search (Supports Dahua IP camera, DVR, NVS, etc.)	Certifications	Sanyo, Sony, Videotec, Vivotek, and more
Max. User Access	128 users	CCI CITICOCIOTIS	FCC: Part 15 Subpart B
Smart Phone	iPhone, iPad, Android	Cartification	· · · · · · · · · · · · · · · · · · ·
Interoperability	ONVIF 16.12, 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 50: EN 55024

## Lite Series | DH-XVR4104C-X1

Ordering Information					
Туре	Part Number	Description			
4 Channel XVR	DH-XVR4104C-X1	4 Channel Penta-brid 720P Smart 1U Digital Video Recorder			

# Dimensions (mm)



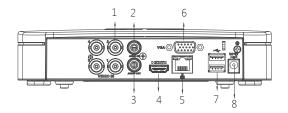






### **Rear Panel**

DH-XVR4104C-X1



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	VIIJEU IIV	

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- 2 AUDIO IN, RCA Connector

AUDIO OUT, RCA Connector

- 4 HDMI Interface
- 5 Network Interface
- VGA Interface
- USB Interface
- DC12V Power Input

