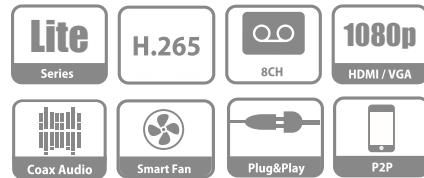


DH-XVR5108C-X

8 Channel Penta-brid 1080P Smart 1U Digital Video Recorder



- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 12 channels IP camera inputs, each channel up to 6MP; Max 48Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System



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 Auto-detect

The XVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

High Definition Camera Input

The XVR supports up to 5MP HDCVI camera and 6MP IP camera 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 Fan Design

The smart 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.

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 pre-determined line has been crossed.

Face Detection

It is a typical technology being used in a variety of applications for searching or identification of individuals.

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.

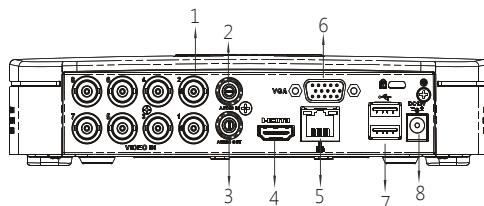


Technical Specification		Video Detection and Alarm
System		
Main Processor	Embedded Processor	Trigger Events Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Operating System	Embedded LINUX	Video Detection Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Video and Audio		Alarm input N/A
Analog Camera Input	8 Channel, BNC	Relay Output N/A
HDCVI Camera	5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps	
AHD Camera	5MP, 4MP, 1080P@25/30, 720P@25/30fps	
TVI Camera	5MP, 4MP, 1080P@25/30, 720P@25/30fps	
CVBS Camera	PAL/NTSC	
IP Camera Input	8+4 Channel, each channel up to 6MP	
Audio In/Out	1/1, RCA	
Two-way Talk	Reuse audio in/out, RCA	
Recording		
Compression	H.265+/H.265/H.264+/H.264	
Resolution	5M-N, 4M-N, 1080P, 1080N, 720P, 960H, D1, CIF	
Record Rate	Main stream:5M-N(1~10fps), 4M-N/1080P(1~15fps), 1080N/720P/960H/D1/CIF (1~25/30fps) Sub stream: D1/CIF(1~15fps)	
Bit Rate	32Kbps ~ 6144Kbps Per Channel	
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop	
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec	
Audio Compression	AAC(only for the 1st channel), G.711A, G.711U, PCM	
Audio Sample Rate	8KHz, 16 bit Per Channel	
Audio Bit Rate	64Kbps Per Channel	
Display		
Interface	1 HDMI ,1 VGA	
Resolution	1920×1080, 1280×1024, 1280×720	
Multi-screen Display	When IP extension mode not enabled: 1/4/8/9 When IP extension mode enabled: 1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Network		
Interface	1 RJ-45 Port (100M)	
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 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.)	Third-party Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
Max. User Access	128 users	
Smart Phone	iPhone, iPad, Android	
Interoperability	ONVIF 16.12, CGI Conformant	Certifications FCC: Part 15 Subpart B 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

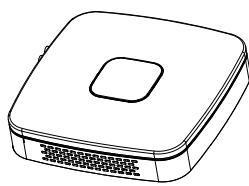
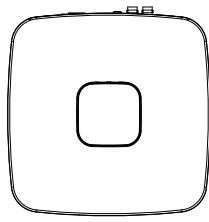
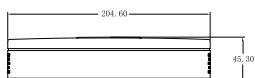
Ordering Information		
Type	Part Number	Description
4 Channel XVR	DH-XVR5108C-X	8 Channel Penta-brid 1080P Smart 1U Digital Video Recorder

Rear Panel

DH-XVR5108C-X



Dimensions (mm)



- | | | | |
|---|--------------------------|---|-------------------|
| 1 | VIDEO IN | 5 | Network Interface |
| 2 | AUDIO IN, RCA Connector | 6 | VGA Interface |
| 3 | AUDIO OUT, RCA Connector | 7 | USB Interface |
| 4 | HDMI Interface | 8 | DC12V Power Input |