

# DHI-XVR7116HE-4KL

16 Channel Penta-brid 4K Mini 1U Digital Video Recorder



The Device features powerful digital monitoring capability for the security industry. The embedded LINUX OS assures the stable operation, high accessibility and delivers unmatched monitoring with easy to use configurations. The Device features functions such as recording, playback, and monitoring and offers synchronization for audio and video. The Device also adopts the advanced control technology and has a strong network data transmission capability.

#### **Series Overview**

The Device harnesses its embedded design to ensure high security and reliability. It can work from the local end or, through its strong networking capability, connect to the professional surveillance software (Smart PSS) to form a security network, displaying its powerful remote monitoring functions. Also, it can upgrade the old system for fine definition without changing the initial circuit.

#### Functions

#### GUI4.0

Brand new local and web UI style with new boot logo and web login logo.

#### Zero-channel Encoding

Uses zero-channel encoding to blend multiple analog and IP channels into one channel. Enjoy monitoring through remote multi-window live view and save on networking transmission bandwidth.

#### Recording

Features several types of playback, including simultaneous, event, tag, smart, image, fast and slow playback.

#### HDCVI/AHD/TVI/CVBS Auto-detect

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.

- H.264/H264+dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 24 channels IP camera inputs, each channel up to 4 MP
- Max. 96 Mbps incoming bandwidth
- Supports 5 MP camera input
- Supports simultaneous display of VGA and HDMI
- Supports 1 SATA HDD, up to 8 TB capacity for each disk
- Smart Search and Intelligent Video System



#### 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. 300 m for 1080p and 500 m for 720p.

#### 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.

#### 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.

# XVR7000-4KL Series | DHI-XVR7116HE-4KL

#### **Technical Specification** System Main Processor Embedded processor Embedded linux **Operating System** Face Detection Face Detection only for the 1st channel ,only support analog camera **IVS** Analytics 1 channel, 10 IVS for each channel ,only support analog IVS camera Audio and Video Analog Camera Input 16 channels, BNC HDCVI Camera Input 4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p AHD Camera Input 4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p TVI Camera Input 4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p **CVBS** Camera Input PAL/NTSC 16+8 channels, each channel up to 4 MP IP Camera Input 16 RCA Audio Input 1 RCA Audio Output Two-way Talk Reuse audio in/out, RCA Recording Video Compression H.264+/H.264 4K, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF, Resolution BCIF, QCIF Main stream: All channel 4K(1 fps-7 fps); 6 MP (1 fps-10 fps); 5 MP (1 fps-12 fps); 4 MP/3 MP(1 fps-15 **Record Rate** fps);/1080p/720p/960H/D1/CIF (1 fps-25/30 fps); Sub steram: 960H (1 fps-15 fps); 1/CIF (1 fps-25/30 fps) Manual, Schedule (General, Continuous), MD (Video Record Mode detection: Motion Detection, Video Loss, Tampering), Alarm, Stop Bit Rate 32 Kbps-6144 Kbps Per Channel Audio Sample Rate 8 KHz, 16 bit Per Channel Audio Bit Rate 64 Kbps Per Channel Audio Compression G.711A; G.711U; PCM Display 1 HDMI, 1 VGA interface HDMI: 3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x Resolution 1024, 1280 x 720 VGA: 1920 x 1080, 1280 x 1024, 1280 x 720 When IP extension mode enabled: 1/4/8/9/16/25 Multi-screen Display When IP extension mode not enabled: 1/4/8/9/16 Camera title, Time, Video loss, Camera lock, Motion OSD detection, Recording Network Network Port 1 RJ-45 Port (1000 MB) HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, SNMP, UPnP, RTSP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, Alarm Server, Network Protocol IP Search (Supports Dahua IP camera, DVR, NVS, etc.)

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Operating Humidity 10%–90%   Third-party Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more   Certifications CE: CE LVD EN 62368 CE EMC: EN55032 EN55024 EN55035,EN50130-4	Environmental				
Third-party Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more   Certifications CE: CE LVD EN 62368 CE EMC: EN55032 EN55024 EN55035,EN50130-4	Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)			
Third-party Support   Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP     Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more     Certifications     Certifications     CE: CE LVD EN 62368     CE EMC: EN55032 EN55024 EN55035,EN50130-4	Operating Humidity	10%-90%			
Third-party Support   Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more     Certifications   CE: CE LVD EN 62368     Certifications   CE EMC: EN55032 EN55024 EN55035,EN50130-4	Third-party Support				
CE: CE LVD EN 62368 Certifications CE EMC: EN55032 EN55024 EN55035,EN50130-4	Third-party Support	Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung,			
Certifications CE EMC: EN55032 EN55024 EN55035,EN50130-4	Certifications				
	Certifications	CE EMC: EN55032 EN55024 EN55035,EN50130-4			

# XVR7000-4KL Series | DHI-XVR7116HE-4KL

### **Ordering Information**

Туре	Model	Description
16 Channel XVR	DHI-XVR7116HE-4KL	16 Channel Penta-brid 4K Mini 1U Digital Video Recorder

## Dimensions (mm[inch])



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254.1 [10.01]	9.57]	
4.7	243.2 [9.57]	
52	243	



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3

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7

11



- AUDIO OUT, RCA Connector HDMI Port 8
- 9 **USB** Port
  - RS-485 Port
- 13 Power Switch
- 10 Network Port

- 12 Power Input

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