

HCVR7216-4M

16 Channel 4MP 1U Digital Video Recorder



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/CVBS Auto-detect

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

8MP Resolution

The HCVR supports up to 8MP HD resolution (3840 x 2160) HDCVI camera and IP camera input.

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.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the HCVR has the ability to detect and analyze moving objects for improved video surveillance. The HCVR 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 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.

System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI(up to 3840x2160),1 VGA
Resolution	3840x2160, 2560x1440, 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-Screen Display	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, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 x 18), Video Loss,Tampering and Diagnosis Loss,Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A
Playback and Backup	
Sync Playback	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	2 SATA Ports, Up to 8TB Capacity For Each Disk
N/A	1 eSATA Port
Auxiliary Interface	
USB	2 USB Ports (1 USB 2.0 , 1 USB 3.0)
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, and more
Audio and Video	
HDCVI Camera Input	16 Channel
IP Camera Input	16+8 Channel, Each Channel Up To 8MP
Audio In/Out	1/1
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	
Compression	H.264+/H.264
Resolution	4K, 4MP,1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1st channel 4K(1~12/15fps)/ 4MP(1~15fps), others 4MP(1~15fps); 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)
Bit Rate	1Kbps ~ 12288Kbps Per Channel
Record Mode	Manual, Schedule (Regular, 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
Network	
Interface	1 RJ-45 Port (1000M)
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.)
Max. User Access	128 Users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

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Electrical	
Power Supply	DC12V/5A
Power Consumption	<15W (Without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
Dimensions(W×D×H)	1U, 375mm×287mm×53mm (14.8" x 11.3" x 2.1")
Net Weight	2.35kg (5.2 lb) (without HDD)
Gross Weight	3.2kg (7.05 lb)

Dimensions (mm)

