



HDVR84KS-Q2A

8 Channel 5-Way 4K 1U DVR



Audio over Coax

This integrated design helps reduce wiring troubles translating to lower costs



Face Detection

Detect human faces and trigger snapshot, record, or alarm. Available also in searching for identification



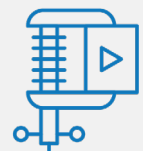
Analytics

Detect and analyze moving objects for improved video surveillance like abandoned or missing objects.



AI Search

Get more motion detection video during a short time through drawing a region in playback.



Smart H.265+

Reduce bit rate and storage requirements by up to 80% when compared to H.265.

4K RESOLUTION

4K resolution captures images four times the pixel density of 1080P which means that the finer details, such as faces or smaller items can be viewed with more detail than traditional 1080P surveillance.

SMART FAN

The DVR is equipped with a smart fan to achieve high cooling efficiency. It automatically adjusts fan speed according to CPU and ambient temperature. The fan is long-lasting and low noise, reducing maintenance costs and improving the user experience.

SMART H.265+

Reduce bit rate and storage requirements by up to 80% when compared to standard H.265 (up to 90% vs H.264), allowing video to be stored for longer periods of time.

INTELLIGENT VIDEO SYSTEM

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

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

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SMART SEARCH

Advanced Smart Search helps you get more motion detect video during a short time through drawing a region during playback.

FACE DETECTION

Detect human faces and trigger snapshot, record, or alarm. Available also in searching for identification of individual.

PRODUCT SPECIFICATIONS

SYSTEM	
Main Processor	Embedded Processor
Operating System	Embedded Linux

VIDEO AND AUDIO	
Analog Camera Input	8 Channel, BNC
HDCVI Camera	4K, 6MP, 5MP, 4MP, 1080P @ 25/30fps, 720P @ 50/60fps, 720P @ 25/30fps
AHD Camera	5MP, 4MP, 3MP, 1080P @ 25/30, 720P @ 25/30fps
TVI Camera	5MP, 4MP, 3MP, 1080P @ 25/30, 720P @ 25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	8+4 Channel, each channel up to 8MP
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	4K, 6MP, 5MP, 4MP, 3MP, 4M-N, 1080P, 720P, 960H, D1, CIF
Record Rate	Main stream: 4K(1~7fps), 6MP(1~10fps), 5MP(1~12fps), 4MP/3MP(1~15fps), 4M-N/1080P/720P/960H/D1/CIF (1~25/30fps) Sub stream: 960H(1~15fps); D1/CIF(1~25/30fps)
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, Postrecord: 10 ~ 300 sec
Audio Compression	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	HDMI: 3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 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 (1000M)
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.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant

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 × 18), Video Loss, Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A

STORAGE	
Internal HDD	2 SATA Ports, up to 10TB capacity for each disk
eSATA	N/A

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PRODUCT SPECIFICATIONS

PLAYBACK AND BACKUP	
Playback	1/4/9
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

AUXILIARY INTERFACE	
USB	2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control

GENERAL	
Power Supply	DC12V/4A
Power Consumption (without HDD)	<10W
Device Dimensions	1U, 14.8" x 11.3" x 2.1"
Net Weight (without HDD)	3.3 lb
Gross Weight	6.4 lb
Installation	Desktop installation
Operating Conditions	+14°F ~ +131°F, 10% ~ 90% RH
Storage Conditions	-4°F ~ +158°F, 0~ 90% RH
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

ADDITIONAL PRODUCTS



OPTIVIEW VMX
Remote Monitoring



SURVEILLANCE DRIVES
4TB / 8TB / 10TB



HDCD4K-28A
4K HD-CVI Wide Angle
Armor Ball w/ Audio

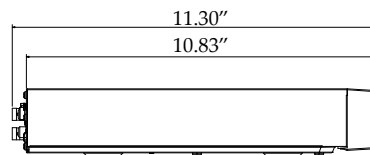
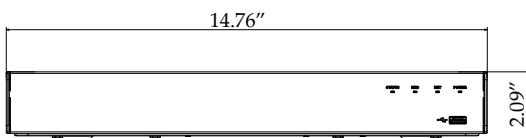


HDCB5ML-VMA
5MP Motorized Varifocal
HD Bullet Camera w/ Mic

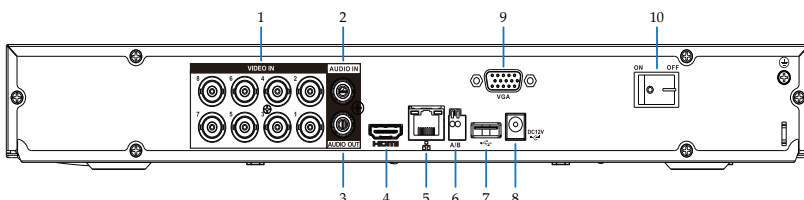


HDPTZ4M-30S
4MP HD-over-Coax PTZ
Camera with 30X Zoom

DIMENSIONS



REAR PANEL



1. Video In
2. Audio In, RCA Connector
3. Audio Out, RCA Connector
4. HDMI Interface
5. Network Interface
6. RS485 Interface
7. USB Interface
8. DC 12V Power Input
9. VGA Interface
10. Power Switch