

HDVR84K-Q2 / HDVR164K-Q2

8 / 16 Camera 4K / 8 Megapixel DVR



Easy Playback
Calendar Search & Selectable Time Bars.



Recording Schedule
Set Times, Dates & Camera Options



Mobile / Remote Access
Access DVR Using Optiview VMS & Mobile Apps.



Ample Storage
2 HDD Bay for up to 16TB of Internal Storage.

Overview

The HDVR84K-Q2 and HDVR164K-Q2 5-Way DVRs are an all-in-one recording solution that supports HD-over-Coax, Analog and IP cameras. These DVRs record up to 4K / 8 Megapixel (Non-Real-Time) and 1080P (Real-Time) with up to 4K playback. They have 1 RCA audio input and a single output which supports Two-way Talk. There is plenty of room to record with a storage capacity of up to 16TB.

Features

- Support HD-over-Coax, Analog & IP Video Input
- 1080P Real-Time or 4K Non-Real-Time Recording
- 8 / 16 Channel Sync Real-Time Playback
- 4K / 1080P Video Output (HDMI, VGA)
- View Remotely over Web, Free Optiview VMS or Mobile Apps

Specifications

Model	HDVR84K-Q2	HDVR164K-Q2
Main Processor / Operating System	Embedded Processor / Embedded LINUX	
Video Input	Analog / HD-over-Coax	8 x BNC
	IP / Network	16 x BNC
Video Output	8 + 4 x IP	
	16 + 8 up to 5MP	
Video Output	1 x HDMI, 1 x VGA	
Audio (Input / Output)	1 x RCA / 1 x RCA	
Two-way Talk	Reuse Audio Channel 1 (Input / Output)	
Video Standards	Analog: NTSC (525 TV Lines @ 60 fps), PAL (625 TV Lines @ 50 fps), HD-over-Coax: 4K / 8MP, 4MP, 1080P, 720P, IP / Network: 5MP, 1080P, 720P, D1, CIF	
Display Resolution	3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768 / 800 x 600	
Display Split	1 / 4 / 8 / 9 / 16	1 / 4 / 8 / 9 / 16 / 25
Playback Channels	1 / 4 / 8	1 / 4 / 9 / 16
Playback Functions	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	
Recording Resolutions	4K (3840 x 2160) / 1080P (1920 x 1080) / 720P (1280 x 720) / 960H (960 x 576 / 960 x 480) / D1 / 4CIF (704 x 576 / 704 x 480) / CIF (352 x 288 / 352 x 240) / QCIF (176 x 144 / 176 x 120)	
Recording Speed (Main Stream)	4K (7fps), 4MP (15fps), 1080P / 720P / 960H / D1 / HD1 / 2CIF / CIF (1 ~ 25/30fps)	
Compression (Video / Audio)	H.264+ / H.264 / G.711	
Recording Bit Rate	1 ~ 6144 Kb/s	
Recording Mode	Manual, Schedule [(Regular / Continuous), MD], Stop	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer, Screen Tips	
Motion Detection	MD Zones: 396 (22 x 18), Video Loss, Camera Blank	
Alarm Input / Relay Output	N/A	
Search Mode	Time / Date, MD & Exact Search (Accurate To Second)	
HDD Bays / Storage Capacity	2 / 16TB (SATA - Internal)	
Backup Mode	USB Device & Network	
USB 2.0 / 3.0	1 Front / 1 Rear	
RS485	1 (PTZ Control)	
RJ-45 (Ethernet)	1 (10/100/1000 Mbps)	
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P	
Max. User Access	128 Users	
Power (Supply / Consumption)	12V DC, 4A / 15 W (without HDD)	12V DC, 4A / 15 W (without HDD)
Working Environment	14° ~ 131° F, 10 ~ 90% RH, 86 ~ 106 kpa	
Dimensions (WxDxH) / Weight	1U, 14.8" x 11.3" x 2.17" / 5.18 lbs (without HDD)	