

# HDVR81080-Q2 / HDVR161080-Q2

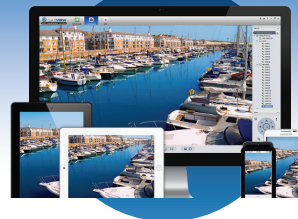
8 / 16 Camera 1080P 5-Way DVR



**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  
12TB of Internal Storage.

## Overview

The HDVR81080-Q2 & the HDVR161080-Q2 5-Way DVRs are an all-in-one recording solution that supports HD-over-Coax, AHD, TVI, Analog and IP cameras using RG59, CAT5/6 or Fiber cables. These DVRs record up to 1080P (Real-Time) with up to 4 MP playback. They have 4 RCA audio inputs and a single output which supports Two-way Talk. There is plenty of room to record with a storage capacity of up to 12TB.

## Features

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

## Specifications

Model	HDVR81080-Q2	HDVR161080-Q2
Main Processor / Operating System	Embedded Processor / Embedded LINUX	
Video Input	Analog / HD-over-Coax	8 × BNC
	IP / Network	16 × BNC
Video Output	8 + 4 up to 5MP	16 + 8 up to 5MP
	1 × HDMI, 1 × VGA	
Audio (Input / Output)	4 × RCA / 1 × RCA	
Two-way Talk	Reuse Audio Channel 1 (Input / Output)	
Video Standards	<b>Analog:</b> NTSC (525 TV Lines @ 60 fps), PAL (625 TV Lines @ 50 fps), <b>HD-over-Coax:</b> 1080P, 720P, <b>IP / Network:</b> 5MP, 1080P, 720P, D1, CIF	
Display Resolution	1920 × 1080 / 1280 × 1024 / 1280 × 720 / 1024 × 768 / 800 × 600	
Display Split	1 / 4 / 8 / 9 / 16	1 / 4 / 8 / 9 / 16 / 25
Playback Channels	1 / 4 / 9	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	1080P (1920×1080) / 720P (1280×720) / 960H (960×576 / 960×480) / D1 / 4CIF (704×576 / 704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
Recording Speed (Main Stream)	1080P / 720P / 960H / D1 / HD1 / 2CIF / CIF (1~25/30fps)	
Compression (Video / Audio)	H.264+ / H.264 / G.711	
Recording Bit Rate	1~6144Kb/s per Channel	
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 × 18), Video Loss, Camera Blank	
Alarm Input / Relay Output	8 / 3	16 / 3
Search Mode	Time / Date, MD & Exact Search (Accurate To Second)	
HDD Bays / Storage Capacity	2 / 12TB (SATA - Internal)	
Backup Mode	USB Device & Network	
USB 2.0 / 3.0	1 Front / 1 Rear	1 Front / 1 Rear
RS485	1 (PTZ Control)	
RJ-45 (Ethernet)	1 (10/100/1000 Mbps)	
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search	
Max. User Access	128 Users	
Power (Supply / Consumption)	12V DC, 4A / 15 W (without HDD)	12V DC, 5A / 15 W (without HDD)
Working Environment	14° ~ 131° F, 10 ~ 90% RH, 86 ~ 106 kpa	
Dimensions (W×D×H) / Weight	1U, 14.8" × 11.3" × 2.17" / 5.18 lbs (without HDD)	