

# HDVR161080-Q4

16 Camera 5-Way DVR



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### Easy Playback

Calendar Search & Selectable Time Bars.



### Recording Schedule

Set Times, Dates & Camera Options



### Mobile / Remote Access

Access DVR Using Optiview VMS & Mobile Apps.



### Room to Grow

4 HDD Bay for up to 32TB of Internal Storage.

## Overview

The HDVR161080-Q4 5-Way DVR is an all-in-one recording solution that supports HD-over-Coax (CVI/AHD/TVI), Analog & IP cameras using RG59, CAT5/6 or Fiber cables. This DVR records up to 1080P (Real-Time) with up to 1080P playback. It has 4 BNC audio inputs and a single output which supports Two-way Talk. There is room to expand with an enormous storage capacity of up to 32TB.

## Features

- Supports 16 HD-over-Coax, Analog & 16+8 IP Video Inputs
- 1080P Real-Time Recording
- 16 Channel Sync Real-Time Playback
- 1080P Video Output (HDMI, VGA)
- WebViewer CMS (DSS / PSS) & DMSS

## Specifications

Model	HDVR161080-T4
Main Processor / Operating System	Embedded Processor / Embedded LINUX
Video (Inputs / Output)	16 × BNC, 16+8 x IP / 2 × HDMI, 1 × VGA, 1 × TV
Audio (In / Out)	4 × BNC / 1 × BNC
Two-way Talk (Input / Output)	1 × BNC / 1 × BNC
Video Standard	<b>Analog:</b> NTSC (525 TV Lines, 60 fps), Effio 960H Camera, <b>HD-over-Coax (CVI/AHD/TVI):</b> 1080P / 720P (HD-over-Coax Camera), <b>IP / Network:</b> 1080P / 720P / D1 / CIF (IP Camera)
Display Resolution	1920 × 1080 / 1280 × 1024 / 1280 × 720 / 1024 × 768 / 800 × 600
Display Split	1 / 4 / 8 / 9 / 16
Playback Channels	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 / 30 fps)
Compression (Video / Audio)	H.264+/H.264 / G.711
Recording Bit Rate	1 ~ 6144 Kb/s
Recording (Quality / Mode)	CBR, VBR (1 ~ 6 level, level 6 is the best) / 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	16 / 6
Search Mode	Time / Date, MD & Exact Search (Accurate To Second)
HDD Bays / Storage Capacity	4 / 32TB (SATA - Internal), 64TB (eSATA - External)
Backup Mode	USB Device, eSATA Device, Internal SATA Burner, Network
USB 2.0 / eSATA	3 (2 Rear) / 1
RS232 / RS485 / RS422	1 (PC Communication & Keyboard) / 1 (PTZ Control) / 1 (Keyboard)
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 (Supports Optiview IP camera, DVR, NVS, etc.)
Max. User Access	128 Users
Power (Supply / Consumption)	100 ~ 240 V AC, 50 ~ 60 Hz / 40 W (without HDD)
Working Environment	14° ~ 131° F 10 ~ 90% RH, 86 ~ 106 kpa
Dimensions (W×D×H) / Weight	1.5U, 17.3" × 16.4" × 3" / 13.2 lbs (without HDD)