



An Observint Technologies Portfolio Company

800.968.3606 | Visit our website at www.digiop.com

**Extended
storage options –
up to 14TB**



**Pre-installed with
DIGIOP ELEMENTS™
VMS suite**



**Windows 7
64-bit Embedded**



DH Series Servers

REAL-TIME HYBRID DIGITAL VIDEO RECORDERS

The DIGIOP DH Series Real-time Hybrid FlexVR line extends beyond traditional hybrid DVRs to provide channel flexibility. FlexVRs provide the flexibility to choose the number of analog and IP cameras you want to connect to the system—within the allotted total number of channels supported by the DVR—without pre-determined channel limitations.



Open IP License Simplifies IP Camera Licensing

ALL DIGIOP servers feature DIGIOP's unique Open IP License that delivers a simple and cost-effective licensing structure for video recording solutions. All IP video channels come pre-licensed and fully-enabled, allowing you to add IP cameras as your needs require (up to 32 IP channels per server), without having to purchase additional licenses. IP licenses never expire and there are no recurring fees, minimizing total cost of ownership over the life of the product.

FlexVR™

Use Any Combination of IP and Analog Cameras

Unlike traditional hybrid DVRs, which offer a pre-determined number of analog and IP channels, DIGIOP FlexVR™ Hybrid DVRs can be configured to support any combination of analog and IP video streams—within the total number of channels supported by the DVR. Flex channels can be converted to support either analog or IP cameras at any time, and all channels are pre-licensed and fully enabled—delivering the ultimate in system flexibility and cost-effectiveness



Supports Live-streaming Directly on the Server

DIGIOP hybrid FlexVRs feature live-streaming video directly on the server. These recording solutions enable you to use the box as a live viewing station and are able to withstand the demands of live local view, without affecting performance. For even more power, choose our Performance models—they feature increased hardware capabilities to maximize the number channels you can live stream at one time.

DH Series Real-time Hybrid Servers

System Performance

Video Recording: Supports a wide range of analog or IP cameras using various compression methods in standard definition to high definition resolutions.

Playback: Multi-channel playback, advanced image post processing, thumbnail search, selectable event playback, digital zoom & enhancements, encrypted and easy export

Recording Modes: Continuous, Motion Detection, Pre/Post Alarm

Video Streaming: Advanced compression and 128 bit AES encrypted



Featuring Open IP License – all 32 IP video channels are unlocked, with no recurring fees



Supports DIGIOP Data – add an unlimited data license to unlock all data integrations for a server

Hardware Specifications

IT Platform: 2U and 3U Chassis (desktop or rack-mountable)

Server: DIGIOP Core and DIGIOP Performance options

Server App, & OS: Windows 7 64-bit embedded, DIGIOP ELEMENTS VMS suite, DIGIOP Data (sold separately)

Data & Peripheral Connectivity: 4 digital inputs, 4 digital outputs, 2 USB 3.0 ports, 6 USB 2.0 ports, BNC input through video input cable, 2 DVI outputs, 1 eSATA, 1 display port

Network Interface: Dual Ethernet port: 10/100/1000.

Video Storage: Extended hard drive options: (2TB, 5TB, 8TB, 11TB, 14TB)

Power Supply: AC output 110

Dimensions: H x W x D: 3U – 19.00" x 5.25" x 15.40"

Shipping Weight: 23 - 26 lbs

Operating Temperatures: 50° to 95°F

Safety & Certifications: UL, FCC, CE

Audio: 16 Channels

Alarm I/O: 4 Channel in/out

Frame Rate:

See chart for analog frame rate

Resolution:

See chart for analog resolution

Analog Frame Rate & Resolution

	D1
16 Channels	480
32 Channels	960

	Part Number	Storage	Chassis	Channels	Processor	RAM	Local Live Viewing
H.264 Real-Time Hybrid Solutions							
Core Hybrid H.264 Server with 16 Flex Channels	DH16-LV2T	2TB	3U	16 Flex Channels + 16 IP Channels	i5	4GB	8 streams @ 7fps on 2.0 MP*
	DH16-LV5T	5TB					
	DH16-LV8T	8TB					
	DH16-LV11T	11TB					
Performance Hybrid H.264 Server with 16 Flex Channels	DH16-LV14T	14TB	3U	16 Flex Channels + 16 IP Channels	i7	4GB	16 streams @ 7fps on 2.0 MP*
	DH16-HV2T	2TB					
	DH16-HV5T	5TB					
	DH16-HV8T	8TB					
Core Hybrid H.264 Server with 32 Flex Channels	DH16-HV11T	11TB	3U	32 Flex Channels	i5	4GB	8 streams @ 7fps on 2.0 MP*
	DH16-HV14T	14TB					
	DH32-LV2T	2TB					
	DH32-LV5T	5TB					
Performance Hybrid H.264 Server with 32 Flex Channels	DH32-LV8T	8TB	3U	32 Flex Channels	i7	4GB	16 streams @ 7fps on 2.0 MP*
	DH32-LV11T	11TB					
	DH32-LV14T	14TB					
	DH32-HV2T	2TB					
	DH32-HV5T	5TB	3U	32 Flex Channels	i7	4GB	16 streams @ 7fps on 2.0 MP*
	DH32-HV8T	8TB					
	DH32-HV11T	11TB					
	DH32-HV14T	14TB					

*Capable of higher stream counts with lower resolution settings.