



EH SERIES

Hybrid Digital Video Recorders

With hybrid capabilities and the flexibility to *Grow as You Go*, DIGIOP's EH Series offers a robust platform that lets you unleash the power of video in your business.

DIGIOP ENABLES YOU TO...

- Reduce Internal & External Theft
- Improve Safety & Risk Management
- Increase Transactional Conversion
- Enhance Customer Experience
- Ensure Operational Consistency



Powerful Video Software

DIGIOP's Hybrid Video Management System (HVMS) is a high-performance solution ideal for convenience stores, small retail shops, fast food restaurants, bank branches, remote utility stations, high-end residences, and similar locations. The EH Series provides full-featured, real-time recording of up to 16 channels of analog or IP video up to 480 images per second and up to 5 channels of audio, all managed in a single user interface. DIGIOP EH Series units are designed to integrate* with point-of-sale software for the perfect loss prevention solution.

(*additional software license required.)



Technology Alliance Partner

Reliable Dell-Built Hardware

All DIGIOP Hybrid Video Management Systems are built on Dell's latest hardware platforms. Systems in this series are built on the OptiPlex XE Chassis. The XE chassis is a purpose-built system designed for retailers and others with multi-year deployments or challenging environments where temperatures and operating conditions require longer life cycles.



'Grow As You Go' Platform

The EH Series lets you expand as you are ready. From a stand alone system to enterprise-wide deployment, DIGIOP hybrid systems let you leverage existing infrastructure, add analog, IP, or Megapixel cameras as you need, sync your video with your point of sale (POS) system, enable video analytics, and integrate with 3rd party applications.*

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Product Specifications

DIGIOP EH 8 Configurations

	<i>EH3008-500</i>	<i>EH3008-1T</i>	<i>EH3008-2T</i>
Hard Drive	500 GB	1 TB	2 TB
Video Storage* (days)	50	100	200
Video/Audio Channels	8/5		
Analog Record Rate	120, 120, 80 (CIF, 2CIF, 4CIF)		
Inputs/Outputs	4/2 + PTZ		
Chassis	Customized Dell OptiPlex™ XE, Core 2 Duo CPU, 2GB RAM		

DIGIOP EH 16 Configurations

	<i>EH3016-500</i>	<i>EH3016-1T</i>	<i>EH3016-2T</i>
Hard Drive	500 GB	1 TB	2 TB
Video Storage* (days)	50	100	200
Video/Audio Channels	16/5		
Analog Record Rate	120, 120, 80 (CIF, 2CIF, 4CIF)		
Inputs/Outputs	4/2 + PTZ		
Chassis	Customized Dell OptiPlex™ XE, Core 2 Duo CPU, 2GB RAM		

DIGIOP EH 16 Configurations

	<i>EH3516-500</i>	<i>EH3516-1T</i>	<i>EH3516-2T</i>	<i>EH3516-4T</i>
Hard Drive	500 GB	1 TB	2TB	4 TB
Video Storage* (days)	50	100	200	400
Video/Audio Channels	16/1			
Analog Record Rate	480, 240, 120 (CIF, 2CIF, 4CIF)			
Inputs/Outputs	4/2 + PTZ			
Chassis	Customized Dell OptiPlex™ XE, Core 2 Duo CPU, 4GB RAM			

Performance

Video Recording: Video Recording: Enhanced MPEG 4 compression with motion and noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480.
 NTSC: 120 ips across 16 inputs (7.5 ips per camera) @ CIF & 2 CIF, 80 ips @ 4 CIF
 PAL: 100 ips across 16 inputs (6.25 ips per camera) @ CIF & 2 CIF, 60 ips @ 4 CIF

IP Support: Supports a wide range of IP cameras using various compression methods in standard definition to high definition resolutions.

Playback: Fully synchronized multi-channel playback, advanced image post-processing, smart search, selectable de-interlacing, 24-hour intelli-search, selectable event playback, digital zoom and enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: Up to 5 line-level synced to video, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bit rate, or higher quality compression and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; selectable rotation with dwell time

Inputs/Outputs: 4 (NO/NC) / 2 relay switch outputs; PTZ preset association to sensor input. Video motion, video/scene loss detection

Platform

IT Platform: Customized Dell OptiPlex™ XE Chassis

Server App, OS, API & Integration: DIGIOP Hybrid Series 8 Core Server, multi-site remote management software suite, Windows 7 Professional, Data integration ready from Analytics to Point of Sale

Alarms/Relays: 4 (NO/NC)/2 relay switch outputs; PTZ preset association to sensor input. Video motion detection, video loss, and record failure.

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 6 USB ports for additional devices, 1 VGA out, 1 speaker or line-out

Network Interface: (2) Ethernet ports: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event-driven with multiple camera association, pre- and post-alarm recording, covert, selectable event and camera days archive retention

Video Streaming: Advanced compression and 128 bit AES encrypted, multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks.

Video Storage: Up to 4 TB depending on model. Green Energy Saver enterprise drives, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change

Power Supply: 300W, 88% power efficiency, 304.17 BTU/hr. heat dissipation (not including peripherals); Active Power Factor Correction power supplies: 100 to 240 V at 50/60 Hz

Environment

Dimensions: HxWxD: 4.3" x 15.61" x 13.75" (10.91cm x 39.65cm x 34.91cm)
Shipping Weight: 29 lbs. (13.15 kg)
Operating Temperatures: 50° to 113°F (10° to 45°C)
Safety & Certifications: Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, SABS, UL, VCCI, SCC