



**DIGIOP ENABLES YOU TO...**

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



# PH SERIES

Hybrid Digital Video Recorders

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



**Technology Alliance Partner**



**Powerful Video Software**

DIGIOP's Hybrid Video Management System (HVMS) is a high-performance solution ideal for locations with high value assets or demanding applications such as casinos and gaming, sports and entertainment venues, government facilities, currency counting operations, correctional institutions, military facilities, campuses and universities, and similar locations. The PH Series lets you realize the benefits of crisp, high definition video. It provides full-featured, real-time recording of up to 16 channels of analog or IP video at up to 480 images per second and 4 channels of audio, all managed in a single user interface.

**Reliable Dell-Built Hardware**

All DIGIOP Hybrid Video Management Systems are built on Dell's latest hardware platforms. The DIGIOP PH Series delivers key functionality and state-of-the art capabilities. As with the entire DIGIOP platform, it is easy to install, use, and maintain.

**'Grow As You Go' Platform**

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

(\*additional software license required.)

# PH SERIES *Hybrid Digital Video Recorders*

## Product Specifications

### DIGIOP PH 16 Configurations

	PH5016-2T	PH5016-4T	PH5016-6T
Hard Drive	2 TB	4 TB	6 TB
Video Storage* (days)	50	100	150
Video/Audio Channels	16/4		
Analog Record Rate	480, 240, 240 (CIF, 2CIF, 4CIF)		
Inputs/Outputs	4/2 + PTZ		
Chassis	Customized OptiPlex™ 990 i7 CPU, 4GB RAM		

## Performance

**Video Recording:** Enhanced H.264 compression with motion and noise discrimination, individually selectable camera frame rate and resolution. PH 16: NTSC: 480 ips across 16 inputs (30 ips per) @ CIF; 240 ips @ 2CIF & 4 CIF PAL: 400 ips across 16 inputs (30 ips per) @ CIF; 200 ips @ 2 CIF & 4 CIF

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

**Playback:** Synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, selectable event playback, digital zoom & enhancements, encrypted and easy export

**Audio Channels:** 4 line-level synced to video, achieves high quality at 6 kbps bit rate, and live remote audio monitoring

**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™ 990 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

**Data & Peripheral Connectivity:** Integrated PTZ RS485, 10 USB ports, VGA out

**Network Interface:** Ethernet: 10/100/1000. Server bandwidth throttle, DHCP enabled

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

**Video Streaming:** Advanced compression and 128 bit AES encrypted, multi-channel streaming

**Video Storage:** Up to 6TB storage. 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:** 265W, 65% power efficiency, 904 BTU/hr. heat dissipation (not including peripherals), Active Power Factor Correction power supplies: 90 to 264 VAC at 47-63 Hz

## Environment:

**Dimensions:** HxWxD: 14.17" x 6.89" x 16.42" (36cm x 17.5cm x 41.7cm)

**Shipping Weight:** 26 lbs (11.79 kg)

**Operating Temperatures:** 50° to 95°F (10° to 35°C)

**Safety & Certifications:** Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, SABS, UL, VCCI, SCC

\* Estimated storage based on 25% motion, CIF on 4 channels at full frame rate. Actual days storage may vary depending on cameras used, scene complexity, and image quality settings.