

IP video management solutions

With full-featured DSNVs video management software, a robust DSSRV network video recorder (NVR), analog camera support via optional direct-attached or network video encoders, multi-site monitoring, and support for third-party IP cameras, Digital Sentry is a flexible VMS for mainstream security applications.



GENERAL	
Analog Camera Inputs	18 BNC connections per each optional ENC5416. Max 64 per DSSRV system
Looping	16 auto terminating per ENC5416
IP Video Inputs	Up to 128 *
Maximum Inputs	128*
Number of included IP licenses	8 Included. Additional license fee may apply
Megapixel Support	Up to 10 Mpx
Maximum Record Rate CIF	D1 480 NTS/400 IPS PAL
Maximum Record Rate D1	D1 480 NTS/400 IPS PAL
Compression Technology	H.264 Main Profile, M-JPEG and MPEG-4
Operating System	Windows 7 Ultimate
Processor	i7 2nd Generation
Graphics	Intel® embedded HD graphics
Memory	8 GB
Hard Drive Options, Internal	500 GB, 3, 6, 9 12, 15, 18 TB (to 12 TB with ODD)
Storage Optimization	Optional
Hard Drive Options, External	DX8100HDDI SCSI, USB, or NAS
Third-party External Storage	USB or NAS
Optical Disk Drive	DVD+/-RW with DSSRV-DVD models
RAID Storage	Optional with RAID5 Controller add-on or RAID5 model
Alarm Inputs / Relay Outputs	Pelco Analytics for IP Alarm Inputs; see ENC5416 for analog alarms in/relays out
Audio Inputs / Outputs	Supports Sarix IP Audio; See ENC5416 for analog audio recording
PTZ Control	IP and Analog supported
Third-party Dome Protocols	IP and Analog supported
Front Panel Display	Digital Sentry System Information (DSSI) LEDs
Keyboard / Mouse Included	Yes / Yes
Optional Analog KBD Support	Yes (KBD5000 PTZ and Screen Layout Changes only)
Multicasting	No
Multilingual Support	Yes
System Compatibility	DS ControlPoint to DS and DX Systems
Certification Required	No

DISPLAY OPTIONS	
Monitor Outputs	Any 2 outputs of 2 DVI-D or 1 VGA
Camera Views	22 Layouts, from 1 to 36 cameras
Digital Zoom Live / Playback	Yes

FUNCTION	
Alarm, Motion, Continuous, Scheduled Recording Modes	Yes
Increased Record Rate on Alarm/Motion ("Bump on Alarm ")	Yes
Pre Alarm / Post Alarm	5 Minutes / 16 Minutes
Optional ATM/POS Support	Through API integration
Video Analytics	Pelco Analytics with DS NVs <7.3.54

REMOTE CLIENT	
PC Remote Client	Yes
View Live	Yes
Playback	Yes
Email on Alarm	Yes
PTZ Control	Yes
Remote Administration	Yes
Mobile Client	Yes
Emergency Agent	No
Web Browser	No
Windows Support	Windows 7, Windows Vista, Windows Server® 2003/2008
Mobile App	Yes

* The database limitation for DSNVs is 128 cameras. The actual number of camera supported depends on recording settings, client connections, and bandwidth capacity.



Software-only VMS solution

This software-only solution is ideal when the preference is for corporate hardware, maximizing existing purchase, and support agreements. Support for ONVIF and a wide range of third-party IP cameras and encoders make Digital Sentry a flexible VMS solution for mainstream security applications.



Maximum IP Video Inputs	Up to 128 *
Third-party Camera Supported	IP Drivers and ONVIF **
Camera License Fees Apply	4 Included. Additional license fee applies
Base License Fee Applies	None
Annual Maintenance Fees	None
Megapixel Support	Up to 10 Mpx
Maximum # of Clients	No hard specifications. Dependent on system resources and bandwidth availability.
H.264 Support	✓
MPEG 4 Support	✓
M JPEG Support	✓
Quick Setup	✓
Export Formats	H.264, MPEG-4, MPEG, JPEG, AVI, Native DB
Multiple Viewing Panes via Monitor Tear Off Tabs	✓
Alarm pop up notifications	✓
Search Tools	Date/Time/Events/Motion/Scrub Bar/Pelco Analytic Alarms, Thumbnail
Analytics Support	Pelco Analytics with DS NVs 7.3.54 and above
Archive Video Recording	Via Archive Utility
Third-party Integrations	Via Pelco API***
Certification Required	No
Compatibility via ControlPoint	DS systems including legacy DVX Master Control Series, Pelco DX 4100, 45/4600, 47/4800, DX8000/8100
Operating Systems	Windows 7, Windows Vista, Windows XP, Server 2003, 2008
Mobile App	Yes

* 128 is the database limitation. Actual number is dependent on hardware specifications and camera settings.

** See Document C1024RN-x "DS Compatibility Release Notes" on www.pelco.com.

*** Availability targeted for second half of 2012.