IP video management solutions

The Endura IP VMS offers the scalability, performance, and reliability required for mission-critical surveillance applications. Scalable to thousands of cameras, Endura is designed to fit a wide range of customer applications — including airports, casinos, and city surveillance applications — where unmatched fault tolerance and system integrity are mandatory.

DSSRV options

ENC5416 analog encoder

GENERAL

Video Resolutions	D1, 2CIF, CIF, QCIF
Frame Rate	D1 480 NTSC/400 PAL, scalable
Alarm Inputs	16 per ENC5416, 64 maximum per DSSRV
Relay Outputs	4 per ENC5416, 16 maximum per DSSRV
Audio Inputs	16 per ENC5416, 64 maximum per DSSRV
Compression Format 5416	H.264 Main Profile
Analog Output	4 BNC connectors for Spot monitor
PTZ Control Interface	2 RS-422, RS-485
PTZ Protocols	Pelco D and third-party
Rackmount	2 mounting brackets included

Network video encoders

This family of H.264 network video encoders provides high performance, single- to multi-channel video encoding, integrating analog cameras and positioning systems into an IP video surveillance system.

NET5400 Encoder

NET5401, NET5402, NET5404

Video Resolutions	4CIF, 2CIF, CIF, QCIF
Frame Rate	25/30 fps at 4CIF maximum, scalable
Motion Detection	Yes
Video Analytics	Yes
Alarm Inputs	3
Relay Outputs	1
Onboard Memory	User-supplied Micro SD
Operating Temperature Range	Minimum of 32 °F (0 °C), Maximum 122 °F (50 °C)
Compression Formats	M-JPEG, H.264 (Base, Main, and High Profile)
Data Rate	20 kbit/s – 6 Mbit/s (2 Mbit/s per stream X 3)
Video Streams	3
Audio	Two-way, full or half duplex
Analog Data Formats	No
Analog Output	Looping on single and dual channel
Network Protocols	TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP
Video Signing at Source	Yes
Web Browser Access	Yes via Pelco plugin
Open Architecture	Yes - API Available
Users	10 Simultaneous, unlimited using Multicast
POE	IEEE 802.3af class 3 on single channel
Power	18-30 VAC, 24 VAC nominal; 0.75 A, 50/60 Hz nominal
Pelco System Compatibility	Endura, DS
Warranty	3 Years

Endura

GENERAL

Analog Camera Inputs	Yes, for supported cameras and encoders *
Looping	Yes, for supported cameras and encoders *
IP Camera Inputs	Thousands
Compression Technology	MPEG-4 and H.264 (Base, Main, and High Profile)
System Operating System	Linux®
Video Storage	Distributed NAS architecture includes active/active failover support
Storage Optimization	Yes, Pelco EnduraStor
Third Party Storage	Optional Fibre Channel Support
RAID Storage	RAID 6
Alarm Inputs / Relay Outputs	Yes, for supported cameras and encoders *
Audio Inputs / Outputs	Yes, for supported cameras and encoders *
Audio Support	Yes
PTZ Control	Yes, for supported cameras and encoders *
Third-party Dome Protocols	Yes, for supported cameras and encoders *
Optional Analog KBD Support	Yes, KBD300, CM9760-KBD, and KBD5000 (support for VCD5202)
Multicasting	Yes
Multilingual	Yes
3rd Party System Integration	Yes
Certification Required	Yes

DISPLAY OPTIONS

Monitor Output Support	Hundreds of digital displays via DVI connections from WS5070, VCD5202, NET5402R-HD with built-in monitor wall control
Display Support	1x1, 2x2, 3x3, 4x4, 1+5, 2+8, 1+12, 3x2, 4x3
Digital Zoom Live/Playback	Yes

FUNCTION

Alarm, Motion, Continuous, Scheduled Recording Modes	Yes
Redunant components	Yes
Pre Alarm / Post Alarm	1 Minute - 999 Minutes / 1 Minute - 999 Minutes
Optional ATM/POS Support	ASCII
Video Analytics	Yes

REMOTE CLIENT

PC Remote Client	Yes
View Live	Yes
Playback	Yes
Email on Alarm	Yes
PTZ Control	Yes
Remote Administration	Yes
Web Browser	Yes
Mobile Client	Yes, requires SM5200