

Not Just Another DVR



IVMS™

INTELLIGENT Video Management System



Designed For Tomorrow's Networks

The IVMS™ was designed specifically for today's and tomorrow's networks. Its leading edge software architecture and H.264 video compression enable multiple video feeds, images, and information to be transmitted over LAN or WAN with the highest efficiency and quality.

Better network efficiency means the IVMS™ is ideal for remote and large scale applications with many cameras, or sites.

Real-Time Recording

The IVMS™ offers per channel adjustable frame rates, which can be set to record up to real-time (30 IPS) on alarm event or continuously on all channels for a total of 480 IPS on the IVMS™-16, and 240 IPS on the IVMS™-8.

Better System Cooling

It's a fact that a major cause of equipment failure is heat, particularly when it comes to hard drives. From the enclosure to the placement of its internal components, especially its hard drives and fans, the IVMS™ was designed to operate cooler. In addition to improved reliability, a cooler system offers improved stability, as well as performance.

The Right Video Compression

The IVMS™ H.264 hardware compression engines offer the optimum balance of compression and image quality ideal for video transmission, digital storage, and forensic analysis.

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Dollar for dollar, the IVMS™ offers you everything you need in a digital video management system and more. More flexibility to expand, more performance to capture the maximum amount of evidence, more reliability and stability to minimize downtimes and more features to suit more applications.

Unprecedented Dependability

IVIEW™ Digital Video Solutions believes a security product, or any product for that matter is only good as it is reliable. That is why when setting out to engineer the IVMS™, we have taken every measure to ensure it could withstand the most demanding applications.

The IVMS™ multiple hardware video compression engines, better system cooling, breakthrough software architecture and rigorous testing procedures ensures each IVMS™ is bullet proof when it leaves the manufacturing floor.

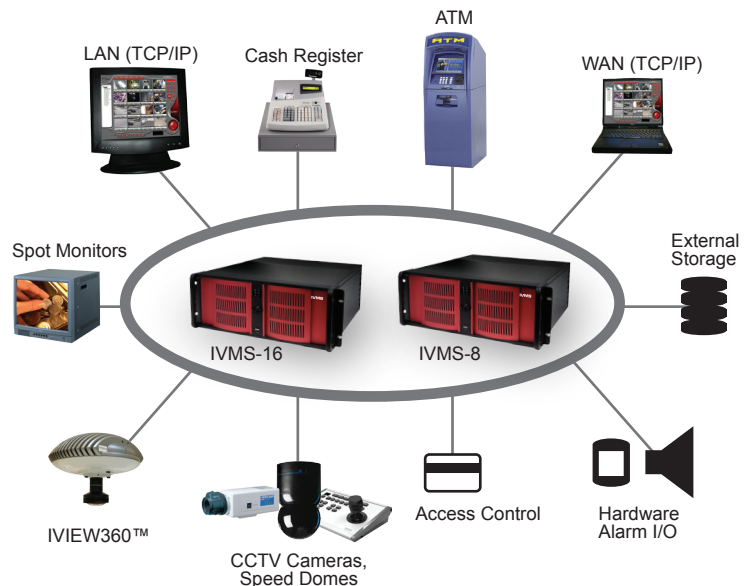
Stellar Performance

More performance means more evidence. More evidence means better security. The IVMS™ offers on-demand adjustable recording rates up to 30 IPS/channel (real-time) on up to 16 channels (480 IPS) that can be independently adjusted manually or automatically on alarm events. Live display also offers superior situational awareness, which is ideal for live monitoring applications.

Right For Any Application

Small, medium, or enterprise wide, the IVMS™ scaleable architecture, robust feature set, and unmatched reliability makes it the ideal video management solution for any application.

IVMS™ Network / System Integration



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IVMS™ Technical Specifications INTELLIGENT Video Management System

Low Video Partition Fragmentation

The IVMS™ low video partition fragmentation of sub 1% is just one more attribute of its breakthrough software. Low video partition fragmentation is conducive to better hard drive stability, in addition to better video integrity.

Common Client Software

A common software client eliminates the need for separate software clients for accessing the IVMS™-16 and the IVMS™-8.

Multi-Server Client

The IVMS™ multi-server client allows a user to access any camera from any multitude of IVMS™ servers from various sites.

User Friendly Interface

The IVMS™ user interface is extremely user friendly. Most controls are in plain site making it very intuitive. Additionally, its series of shortcut keys and its right-click menu system make operation and training a breeze.

Easy And Quick Search

The IVMS™ proprietary search engine and database, along with its motion search tool and multiple search criteria enable quick and accurate retrieval of video and alarm events.

Digital Zoom Playback Enhancement

The IVMS™ digital zoom playback enhancement feature offers greater detail during analysis of video evidence.

Easy Image And Video Export

Images or video evidence can be easily printed or exported to CD or DVD for authorities to review.

Digital Watermarking

Digital watermarking helps to ensure the integrity of exported images and video and supports the authenticity of the video when presented in a court of law.

Multiple Full Screen View Modes

The IVMS™ offers up to 7 view modes; 16 cameras, 13 cameras, 10 cameras, 9 cameras, 6 cameras, 4 cameras, and a single camera all which can be viewed in full screen mode with a press of a key.

Flexible System Architecture

The IVMS™ flexible system architecture enables easy system integration with speed domes, and external alarms.

MODEL	IVMS-16	IVMS-8
MAX VIDEO INPUTS/CHANNELS	16	8
DISPLAY		
Max Display/Channel	30 IPS	30 IPS
Max Resolution Display	4CIF - 704 x 480	4CIF - 704 x 480
COMPRESSION		
Compression Type	H.264	H.264
Hardware Compression	Y	Y
RECORDING		
Max Pre-Alarm Recording	5 minutes	5 minutes
Max Recording Rate	480 IPS	240 IPS
Max Recording Resolution	4CIF - 704 x 480	4CIF - 704 x 480
Supported Resolutions	QCIF, CIF, iVCIF, 2CIF, 4CIF	QCIF, CIF, iVCIF, 2CIF, 4CIF
iVCIF capability (528 x 320)	Y	Y
HARD DISKS		
Drive Type	SATA	SATA
Standard Range	200GB - 1.5TB	200GB - 1.5TB
Smart Drive Temperature Monitoring	Y	Y
Video Partition Fragmentation	Sub 1%	Sub 1%
VIDEO MOTION DETECTION		
Regions of Interest	22 x 15 = 330	22 x 15 = 330
Clip Export to CD/DVD	Y	Y
ENCLOSURE		
Rackmount, Size	Y, 4U	Y, 4U
SEARCH		
Graphical Search (Graphical Timeline)	Y	Y
Intelligent Search	Y	Y
NETWORK / IT APPROACH		
Server Runs as Service	Y	Y
OS Event Log Used For Application Logs	Y	Y
Headless Operation Capability	Y	Y
OPERATING SYSTEM		
Type	Windows® XP Pro	Windows® XP Pro
HARDWARE		
PC Components	Standard	Standard
Ethernet Recording Rate	1Gbit/s	1Gbit/s
Auto-Terminating Looping Video	Y	Y
Alarm Inputs (OPTIONAL)	8 channels TTL/dry	8 channels TTL/dry
Alarm Outputs (OPTIONAL)	8 channels TTL/dry	8 channels TTL/dry
SPECIAL FEATURES		
Common Client (server/client)	Y	Y
Multi-Server Client	Y	Y
Digital Zoom Playback Enhancement	Y	Y
Watermarked Images For Export	Y, RSA Digital Signature	Y, RSA Digital Signature
PTZ Control	Pelco D	Pelco D

* Stats and settings refer to NTSC values at CIF resolution

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