



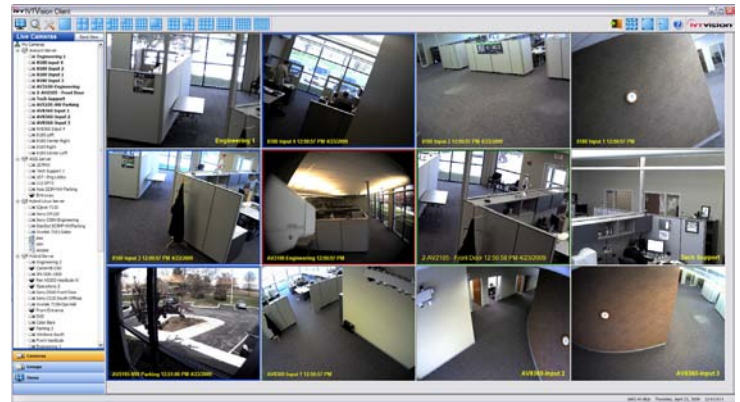
Hybrid NVR Servers - 4U Rackmount



IP and Analog Cameras

16,32, or 48 Analog Inputs + 8 IP Inputs (Expandable to 64)
Up to 16 TB Storage + RAID 5 Option

The IVTVision® Hybrid NVR (Network Video Recorder) Server provides seamless integration and recording of both analog and IP video surveillance cameras on a highly-configurable 4U rackmount enterprise class chassis. The powerful, yet easy to operate client user interface installs on any standard computer running Windows, Linux or Mac OS X and connects to multiple IVTVision servers creating a virtually unlimited amount of cameras and protection. Video from all IVTVision systems can also be accessed with web browsers and mobile devices. Each 4U Rackmount Hybrid NVR server includes from 16 to 48 analog inputs and 8 IP Inputs (expandable to 64 IP cameras per server). The RAID 5 option provides additional storage security.



Features IVTVision 4U Rackmount Hybrid NVR Servers & VMS Software

Stand-Alone or Enterprise

- Up to 112 cameras (48 analog + 64 network) per server. Included 8 IP licenses
- Simple and cost-effective to add additional IP camera licenses
- Common client simultaneously connects to unlimited IVTVision servers to create scalable network

Powerful Integration

- Supports latest IP camera technology including multi-megapixel cameras, H.264, analytics
- Integration with access control systems, iSCSI storage and loss prevention systems

True Hybrid

- Seamless integration of analog and IP cameras on a single server
- Supports analog and IP PTZ cameras
- Digital PTZ functionality on all cameras (analog and IP) in live and recorded mode

Intuitive IVTVision Software

- Requires little to no training
- Multi-monitor client display. Drag and drop cameras between monitors
- Graphical search display for all cameras and recorded audio
- Multi-camera playback and export
- Powerful video and audio export features including multi-camera playback and export

Mobile Access

- Access video with web browsers and mobile devices with internet access

Cross Platform

- Server software runs on Windows or Linux
- Client software freely available for Windows, Linux and Macintosh



IP Camera Integration

Access Control Integration

Server Specifications

RECORDING RESOLUTION CIF: (ANALOG):	352 x 240 NTSC / 352 x 288 PAL 2CIF: 720 x 240 NTSC / 720 x 288 PAL 4CIF (D1) 720 x 480 NTSC / 720 x 576 PAL
RECORDING RESOLUTION (IP):	Up to 8 megapixel (camera dependent)
FRAME RATE IPS (ANALOG):	NTSC: 120, 240, 480, 960, 1440 PAL: 100, 200, 400, 800, 1200
COMPRESSION (ANALOG):	MPEG-4 ASP or MJPEG
COMPRESSION (IP):	H.264, MPEG-4, MJPEG
ALARM INPUTS:	16 input models: 16 TTL inputs 32 input models: 32 TTL inputs 48 input models: 8 TTL inputs
ALARM OUTPUTS:	16 input models: 15 TTL outputs & 1 relay 32 input models: 30 TTL outputs & 2 relay outputs 48 input models: 1 relay outputs
VIDEO INPUTS (ANALOG):	16 looping or 32/48 non looping 16 & 32 input models: backpanel BNC 48 input models: BNC input via cables
ANALOG PTZ PROTOCOLS:	Pelco D/P, GE-Impac, GE-ASCII, Bosch, Panasonic American Dynamics (RS-422)
VIDEO INPUTS (IP):	Up to 64 per server
VIDEO OUTPUTS (ANALOG):	1, 2, or 3 spot monitor outputs (BNC) 1, 2, or 3 mux outputs (BNC)
AUDIO INPUTS:	16 input models: 4 inputs + supported IP camera audio 32 input models: 8 inputs + supported IP camera audio 48 input models: 1 input + supported IP camera audio
SERIAL CONNECTIONS:	RS-485 PTZ port, RS-232 port
PROCESSOR:	Intel® Core™ i3-530
RAM:	4GB DDR2 800 SDRAM
NIC:	1Gbit 1000Base T RJ-45
USB2 PORTS:	8 (2 front, 6 rear)
HARD DRIVE STORAGE:	Enterprise Class, up to 16 TB Standard RAID 5 storage available
OS DRIVE:	Internal Flash/Solid State Drive
VGA OUTPUT:	1 VGA (DB15), 1 DVI-D Quad DVI-D VGA output available optionally
KEYBOARD & MOUSE:	Yes
WATCHDOG TIMER:	Yes
OPERATING SYSTEM:	Windows XP Pro, Windows Server 2003 (optional) or Linux (optional)
REGULATORY:	CE (Class A), FCC (Class A)
WARRANTY:	3 years, parts and labor
DIMENSIONS (LxWxH):	4U / 28 x 19 x 7 in. / 71.7 x 48.3 x 17.8 cm
WEIGHT:	31.7 - 35.1 lbs. / 14.38 - 15.9 kg
OPERATING TEMPERATURE:	40 - 95° F / 4.5 - 35° C
RELATIVE HUMIDITY:	5-95% RH (non-condensing)
INPUT VOLTAGE:	120 VAC
POWER CONSUMPTION:	< 500 watts



Client Workstation - Min. Requirements

(Full remote operation from most computers)

OS:	Windows, Linux, Mac OS
PROCESSOR:	2 Ghz Celeron (min.)
MEMORY:	512 MB RAM
VGA:	Standard high performance

Web Browser Access

(Access servers from online browser)

COMPATIBILITY:	Internet Explorer Firefox Apple Safari Opera Google Chrome
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Mobile Device Access

(Access video from mobile devices with Internet)

COMPATIBILITY:	iPhone and iPod Touch Android BlackBerry Windows Mobile OS Most internet ready devices
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Browser Compatibility



Mobile Compatibility (browser)



Client Compatibility

