



Cross Platform IP Video Surveillance Software & Servers Hybrid NVR Servers - 4U Rackmount



IP and Analog Cameras

16, 32, 48 and 64 Analog Camera Servers + 8 IP Inputs (expandable to 64)
Up to 16 TB Storage + RAID 5 Option

The exacqVision® 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 exacqVision servers creating a virtually unlimited amount of cameras and protection. Video from all exacqVision systems can also be accessed with web browsers and mobile devices. Each 4U Rackmount Hybrid NVR server includes from 16 to 64 analog inputs and 8 IP Inputs (expandable to 64 IP cameras per server). The RAID 5 option provides additional storage security.



Features exacqVision 4U Rackmount Hybrid NVR Servers & exacqVision VMS Software

Stand-alone or Enterprise

- Up to 128 cameras (64 analog + 64 network) per server. Includes 8 IP licenses.
- Simple and cost-effective to add additional IP camera licenses.
- Common client simultaneously connects to unlimited exacqVision 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 exacqVision 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.
- 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	ACTI	Arocont Vision	AXIS	BASLER	Canon	COC	D-Link	GE	Honeywell
	ioimage	ipx	IQinvision	Panasonic	StarDot Technologies	SONY	speco Technologies	VIVOTEK	
Access Control Integration	AMAG Technology	AUSMAN	cardax	LENEP	PSCC	ICT	RS Technologies		

The latest Network Camera Integration Partner list with model numbers is available at www.exacq.com/ipcameras.html

SERVER SPECIFICATIONS

RECORDING RESOLUTION (ANALOG): CIF: 352 x 240 NTSC / 352 x 288 PAL
 2CIF: 720 x 280 NTSC / 720 x 288 PAL
 4CIF: (D1): 720 x 480 NTSC / 720 x 576 PAL

RECORDING RESOLUTION (IP): Up to 5 Megapixel

FRAME RATE (ANALOG): NTSC: 120/240/480/960/1440/1920 ips
 PAL: 100/200/400/800/1200/1600 ips

FRAME RATE (IP): Camera dependent

COMPRESSION (ANALOG): MPEG-4 ASP or MJPEG hardware compression

COMPRESSION (IP): H.264, MPEG-4, MJPEF (camera dependent)

ALARM INPUTS (screw terminal): 16 input models: 16 TTL inputs
 32 input models: 32 TTL inputs
 48 & 64 input models: 8 TTL inputs

ALARM OUTPUTS (screw terminal): 16 input models: 15 TTL outputs & 1 relay
 32 input models: 30 TTL outputs & 2 relay outputs
 48 & 64 input models: 1 relay output

VIDEO INPUTS (ANALOG): 16 looping or 32/48/64 non looping
 16 & 32 input models: backpanel BNC
 48 & 64 input models: BNC input via cables

ANALOG PTZ PROTOCOLS: Pelco D/P, GE-Impac, GE-ASCII, Bosch, Panasonic

VIDEO INPUTS (IP): 8 IP licenses included, up to 64 licenses per server

VIDEO OUTPUTS (ANALOG): 1, 2, 3 or 4 spot monitor outputs (BNC)
 1, 2, 3 or 4 mux outputs (BNC)

AUDIO INPUTS (screw terminal): 16 input models: 4 inputs + supported IP camera audio
 32 input models: 8 inputs + supported IP camera audio
 48 & 64 input models: 1 input + supported IP camera audio

SERIAL CONNECTIONS: RS-485 PTZ port, RS-232 port

NIC: 1Gbit 1000Base T RJ-45

USB2 PORTS: 8 (2 front, 6 rear)

HARD DRIVE STORAGE: Enterprise Class (see model numbers) up to 16 TB
 Standard and RAID 5 storage (see model numbers)

VGA OUTPUT: Dual VGA outputs: 1 DVI-D and 1 VGA (DB15)
 Quad DVI-D VGA output available optionally

KEYBOARD, MOUSE, DVD/CD RW: Included

WATCHDOG TIMER: Included

OPERATING SYSTEM: Windows XP Pro, Windows Server 2003, Linux

COMPATIBLE CLIENT OS: Windows, Linux, Mac OS X

REGULATORY: CE (Class A), FCC (Class A)

WARRANTY: 3 years, parts & 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: 120/240 VAC auto-sensing

POWER CONSUMPTION: <500 watts

CLIENT WORKSTATION - MINIMUM REQUIREMENTS

(Full remote operation from most computers)

OPERATING SYSTEM: 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: Windows Explorer, Firefox, Apple Safari, Opera, Google Chrome

MOBILE DEVICE ACCESS (Access video from mobile devices with Internet)

COMPATIBILITY: iPhone and iPod Touch, BlackBerry, Windows Mobile OS,
 Most internet ready devices

16 ANALOG INPUT SYSTEMS - 480 IPS			
1 mux outputs, 1 spot output, 16 alarm inputs, 15 alarm outputs, 1 relay output, 4 audio inputs, 1 RS232/485 PTZ port, includes 8 IP licenses (expandable to 64 per server)			
Model #	IPS	RAID 5	HD Capacity
1608-48-8000-R4	480	no	8000 GB
1608-48-010T-R4	480	no	10000 GB
1608-48-012T-R4	480	no	12000 GB
1608-48-014T-R4	480	no	14000 GB
1608-48-016T-R4	480	no	16000 GB
1608-48-1500-R4-RAID5	480	yes	1500 GB / 1000 Available
1608-48-3000-R4-RAID5	480	yes	3000 GB / 2000 Available
1608-48-4000-R4-RAID5	480	yes	4000 GB / 3000 Available
1608-48-6000-R4-RAID5	480	yes	6000 GB / 5000 Available
1608-48-8000-R4-RAID5	480	yes	8000 GB / 6000 Available
1608-48-010T-R4-RAID5	480	yes	10000 GB / 8000 Available
1608-48-012T-R4-RAID5	480	yes	12000 GB / 10000 Available
1608-48-014T-R4-RAID5	480	yes	14000 GB / 12000 Available
1608-48-016T-R4-RAID5	480	yes	16000 GB / 14000 Usable

32 ANALOG INPUT SYSTEMS - 240 & 960 IPS			
2 mux outputs, 2 spot video outputs, 16 alarm inputs, 15 alarm outputs, 1 relay output, 8 audio inputs, 2 RS232/485 PTZ port, includes 8 IP licenses (expandable to 64 per server)			
Model #	IPS	RAID 5	HD Capacity
3208-24-8000-R4	240	no	8000 GB
3208-24-010T-R4	240	no	10000 GB
3208-24-012T-R4	240	no	12000 GB
3208-24-014T-R4	240	no	14000 GB
3208-24-016T-R4	240	no	16000 GB
3208-96-8000-R4	960	no	8000 GB
3208-96-010T-R4	960	no	10000 GB
3208-96-012T-R4	960	no	12000 GB
3208-96-014T-R4	960	no	14000 GB
3208-96-016T-R4	960	no	16000 GB
3208-96-1500-R4-RAID5	960	yes	1500 GB / 1000 GB Available
3208-96-3000-R4-RAID5	960	yes	3000 GB / 2000 GB Available
3208-96-4000-R4-RAID5	960	yes	4000 GB / 3000 GB Available
3208-96-6000-R4-RAID5	960	yes	6000 GB / 5000 GB Available
3208-96-8000-R4-RAID5	960	yes	8000 GB / 6000 GB Available
3208-96-010T-R4-RAID5	960	yes	10000 GB / 8000 GB Available
3208-96-012T-R4-RAID5	960	yes	12000 GB / 10000 GB Available
3208-96-014T-R4-RAID5	960	yes	14000 GB / 12000 GB Available
3208-96-016T-R4-RAID5	960	yes	16000 GB / 14000 GB Available

48 ANALOG INPUT SYSTEMS - 1440 IPS			
3 mux outputs, 3 spot video outputs, 8 alarm inputs, 1 relay output, 1 audio input, 1 RS232/485 PTZ port, includes 8 IP licenses (expandable to 64 per server)			
Model #	IPS	RAID 5	HD Capacity
4808-144-4000-R4	1440	no	4000 GB
4808-144-6000-R4	1440	no	6000 GB
4808-144-8000-R4	1440	no	8000 GB
4808-144-010T-R4	1440	no	10000 GB
4808-144-012T-R4	1440	no	12000 GB
4808-144-014T-R4	1440	no	14000 GB
4808-144-016T-R4	1440	no	16000 GB
4808-144-4000-R4-RAID5	1440	yes	4000 GB / 3000 Available
4808-144-6000-R4-RAID5	1440	yes	6000 GB / 5000 Available
4808-144-8000-R4-RAID5	1440	yes	8000 GB / 6000 Available
4808-144-010T-R4-RAID5	1440	yes	10000 GB / 8000 Available
4808-144-012T-R4-RAID5	1440	yes	12000 GB / 10000 Available
4808-144-014T-R4-RAID5	1440	yes	14000 GB / 12000 Available
4808-144-016T-R4-RAID5	1440	yes	16000 GB / 14000 Usable

64 ANALOG INPUT SYSTEMS - 1920 IPS			
4 mux outputs, 4 spot video outputs, 8 alarm inputs, 1 relay output, 1 audio input, 1 RS232/485 PTZ port, includes 8 IP licenses (expandable to 64 per server)			
Model #	IPS	RAID 5	HD Capacity
6408-192-4000-R4	1920	no	4000 GB
6408-192-6000-R4	1920	no	6000 GB
6408-192-8000-R4	1920	no	8000 GB
6408-192-010T-R4	1920	no	10000 GB
6408-192-012T-R4	1920	no	12000 GB
6408-192-014T-R4	1920	no	14000 GB
6408-192-016T-R4	1920	no	16000 GB
6408-192-4000-R4-RAID5	1920	yes	4000 GB / 3000 Available
6408-192-6000-R4-RAID5	1920	yes	6000 GB / 5000 Available
6408-192-8000-R4-RAID5	1920	yes	8000 GB / 6000 Available
6408-192-010T-R4-RAID5	1920	yes	10000 GB / 8000 Available
6408-192-012T-R4-RAID5	1920	yes	12000 GB / 10000 Available
6408-192-014T-R4-RAID5	1920	yes	14000 GB / 12000 Available
6408-192-016T-R4-RAID5	1920	yes	16000 GB / 14000 Usable