



exacqVision®

IP Video Surveillance Servers & Software

4U Rackmount Hybrid NVR Servers

IP and Analog Cameras - Optional RAID Storage

16 Analog Input + 8 IP Inputs (expandable to 64) - 480 ips - RAID 5 Optional
 32 Analog Input + 8 IP Inputs (expandable to 64) - 960 ips RAID 5 Optional

Product Description:

The exacqVision® 4U Rackmount Hybrid NVR (Network Video Recorder) is a system that provides seamless integration and recording of both analog and IP video surveillance cameras on an 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 can connect to multiple exacqVision Hybrid and IP camera 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 with access to the internet. Each 4U Rackmount Hybrid NVR server includes up to 32 analog inputs and 8 IP Inputs. It can be easily expanded to up to 64 IP cameras per server. The RAID 5 option provides additional storage security.



Features

- 24 input (16 analog/8 IP) and 40 input (32 analog/8 IP) Hybrid NVR.
- Each server is expandable to up to 64 IP cameras.
- Seamless management of analog and IP cameras from client interface.
- Simple and cost-effective to add additional IP camera licenses.
- Supports latest IP camera technology including multi-megapixel cameras and H.264 compression.
- Digital PTZ functionality on all cameras (analog and IP) in live and recorded mode.
- Intuitive user interface requires little to no training.
- Common client connects to multiple exacqVision servers to create scalable networks.
- Easy-to-use, powerful video and audio export features.
- Multi-monitor client display. Drag and drop cameras between monitors.
- MPEG4, Motion JPEG and H.264 video compression.
- Graphical search display for all cameras and recorded audio.
- Easy to use multi-camera playback and export
- Definable user permissions and privileges.
- Access video with most web browsers and mobile devices with internet access.
- Wide-screen client views.
- SmartSearch
- RAID 5 Storage (optional)

IP Camera
Integration
Partners



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

Technical Specifications - exacqVision 4U Hybrid NVR Servers



4U Rackmount rear view



4U Rackmount front with open doors

Model #	Analog Inputs	IPS	Looping Outputs	Analog Outputs	IP Licenses	HD Capacity
1608-48-4000-R4	16	480	16	1 mux / 1 spot	8 (Up to 64)	4000 GB
1608-48-5000-R4	16	480	16	1 mux / 1 spot	8 (Up to 64)	5000 GB
1608-48-6000-R4	16	480	16	1 mux / 1 spot	8 (Up to 64)	6000 GB
1608-48-7000-R4	16	480	16	1 mux / 1 spot	8 (Up to 64)	7000 GB
1608-48-8000-R4	16	480	16	1 mux / 1 spot	8 (Up to 64)	8000 GB
1608-48-0960-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	960 GB / 640 Usable
1608-48-1500-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	1500 GB / 1000 Usable
1608-48-2250-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	2250 GB / 1500 Usable
1608-48-3000-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	3000 GB / 2000 Usable
1608-48-4000-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	4000 GB / 3000 Usable
1608-48-5000-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	5000 GB / 4000 Usable
1608-48-6000-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	6000 GB / 5000 Usable
1608-48-7000-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	7000 GB / 6000 Usable
1608-48-8000-R4-RAID5	16	480	16	1 mux / 1 spot	8 (Up to 64)	8000 GB / 7000 Usable

Model #	Analog Inputs	IPS	Looping Outputs	Analog Outputs	IP Licenses	HD Capacity
3208-96-4000-R4	32	960	0	1 mux / 1 spot	8 (Up to 64)	4000 GB
3208-96-5000-R4	32	960	0	1 mux / 1 spot	8 (Up to 64)	5000 GB
3208-96-6000-R4	32	960	0	1 mux / 1 spot	8 (Up to 64)	6000 GB
3208-96-7000-R4	32	960	0	1 mux / 1 spot	8 (Up to 64)	7000 GB
3208-96-8000-R4	32	960	0	1 mux / 1 spot	8 (Up to 64)	8000 GB
3208-48-0960-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	960 GB / 640 Usable
3208-48-1500-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	1500 GB / 1000 Usable
3208-48-2250-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	2250 GB / 1500 Usable
3208-48-3000-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	3000 GB / 2000 Usable
3208-48-4000-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	4000 GB / 3000 Usable
3208-48-5000-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	5000 GB / 4000 Usable
3208-48-6000-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	6000 GB / 5000 Usable
3208-48-7000-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	7000 GB / 6000 Usable
3208-48-8000-R4-RAID5	32	960	0	2 mux / 2 spot	8 (Up to 64)	8000 GB / 7000 Usable

SERVER SPECIFICATIONS

DIMENSIONS (LxWxH): 25.55 x 19.0 x 7 (4U) in. / 64.897 x 48.26 x 17.78 cm
WEIGHT: 31.7 - 35.1 lbs. / 13 - 14.6 kg
INPUT VOLTAGE: 120 VAC
POWER CONSUMPTION: 500 watts
VIDEO STANDARD: NTSC (30 IPS) OR PAL (25 IPS)
RECORDING RESOLUTION: 352 x 240 - CIF @ 30 ips NTSC
 704 x 280 - 2CIF @ 15 ips NTSC
 704 x 480 - 4CIF (D1) @ 7.5 ips NTSC
COMPRESSION: MPEG-4 ASP or MJPEG (hardware) by camera, H.264 (IP)
ALARM INPUTS: 16 TTL inputs - screw terminal
ALARM OUTPUTS: 15 TTL outputs and 1 relay output - screw terminal
SERIAL CONNECTIONS: RS-485 PTZ port
NIC: 1Gbit 1000Base T RJ-45
USB2 PORTS: 8 (2 front, 6 rear)
AUDIO INPUTS: 1 audio input - screw terminal + IP camera audio
HARD DRIVE STORAGE: Enterprise Class (see exacqVision model numbers)
RAID5 STORAGE: Yes (Optional)
VGA OUTPUT: 1 VGA (DB15)
KEYBOARD & MOUSE: Yes
WATCHDOG TIMER: Yes
DVD/CD RW: Yes (front panel access)
OPERATING SYSTEM: Windows XP Pro or Linux
OPERATING TEMPERATURE: 40 - 95° F / 4.5 - 35° C
RELATIVE HUMIDITY: 5-95% RH (non-condensing)
VIDEO INPUTS: 16 or 32 BNC
ANALOG OUTPUTS: 1 or 2 BNC
REGULATORY: CE (Class A), FCC (Class A)
WARRANTY: 3 years, parts and labor



CLIENT WORKSTATION

(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: 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