



Cross Platform IP Video Surveillance Software & Servers  
**IP Camera iSCSI NVR Servers - 2U Rackmount**  
 Up to 64 IP Cameras per Server



The exacqVision® IP Camera iSCSI NVR (Network Video Recorder) Server is a video surveillance system that incorporates redundant storage, power and network features designed to prevent a single point of failure. The dual gigabit NIC cards and switchable power supply ensure that the system is always operating. The exacqVision VMS software and operating system function on dual 160 GB drives in a RAID-1 configuration while video data is written to an external iSCSI drive (purchased separately). The unit utilizes the same client and server software found on all exacqVision systems and can serve as a stand-alone solution or as part of an enterprise class networked installation.



**Features**      exacqVision 2U Rackmount IP Camera iSCSI NVR Servers & VMS Software

**Redundant Design to Prevent Single Point of Failure**

- Video data writes to iSCSI storage solutions (e.g. DNF, JetStor, Intransa, Pivot3, Scale--purchased separately).
- Dual, redundant power supplies.
- Dual Gigabit NIC.
- Dual 160 GB hard drives in RAID-1 configuration for OS and exacqVision VMS application.

**Stand-alone or Enterprise**

- Each server expandable from 1 to 64 IP cameras.
- Simple and cost-effective to add additional IP camera licenses.
- Common client simultaneously connects to unlimited exacqVision servers.

**Powerful Integration**

- Supports latest IP camera & encoder technology including megapixel cameras, H.264 and video analytics.
- Integration with leading access control systems.

**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.
- Multi-camera playback and support.
- Digital PTZ functionality on all cameras in live and recorded mode.
- Powerful video and audio export features.

**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	Arecont Vision	AXIS COMMUNICATIONS	BASLER	Canon	CBC AMERICA Corp	D-Link	GE	Honeywell
	ioimage	ipx	IQinvision	Panasonic	StarDot Technologies	SONY	speco technologies	VIVOTEK	
Access Control Integration	AMAG TECHNOLOGY	AMSCAN	cardax	LENEL	PSSC	ICT Technologies	RS Technologies		

The latest Network Camera Integration Partner list with model numbers is available at [www.exacq.com/ipcameras.html](http://www.exacq.com/ipcameras.html)

# Technical Specifications exacqVision IP Camera iSCSI NVR Servers - 2U Rackmount



Model #	IP Licenses	HD Capacity
IPS-iSCSI-R2-RAID	Up to 64	Dual 160 GB in RAID-1 for OS and VMS application only; requires external iSCSI storage system
Part #	Description	
5000-40210	Microsoft Windows 2003 Server OS	

## SERVER SPECIFICATIONS

IP CAMERA INPUTS:	From 1 to 64
RECORDING RESOLUTION:	Up to 5 megapixel (camera dependent)
FRAME RATE:	Camera dependent
COMPRESSION:	H.264, MPEG-4, MJPEG (camera dependent)
SERIAL CONNECTIONS:	1 serial port
NIC:	Dual 1Gbit 1000Base T RJ-45 NIC cards
USB2 PORTS:	8 (2 front, 6 rear)
HARD DRIVE STORAGE:	Dual 160 GB enterprise class drives in RAID-1 for Operating System and exacqVision VMS application. Video data writes to external iSCSI storage
VGA OUTPUT:	Dual VGA outputs: 1 DVI-D and 1 VGA (DB15)
KEYBOARD & MOUSE:	Included
OPERATING SYSTEM:	Windows XP Pro (standard), Linux (optional-no charge), Windows Server 2003*(optional)
COMPATIBLE CLIENT OS:	Windows, Linux, Mac OS X
REGULATORY:	CE (Class A), FCC (Class A)
WARRANTY:	3 years, parts and labor
DIMENSIONS (LxWxH):	2U / 21.25 x 19.0 x 3.5 in. / 53.975 x 48.26 x 8.89 cm
WEIGHT:	28.7 - 32.1 lbs. / 13 - 14.6 kg
OPERATING TEMPERATURE:	40 - 95° F / 4.5 - 35° C
RELATIVE HUMIDITY:	5-95% RH (non-condensing)
POWER SUPPLY:	Dual, redundant 250 watt swappable power supplies
INPUT VOLTAGE:	120/240 VAC auto-sensing
POWER CONSUMPTION:	<250 watts (150 watts typical)

\*Windows Server 2003 operating system option is recommended for any of the following conditions:

- You are using Pivot3 storage
- Your total storage will be larger than 44TB
- You use multi-pathing with your iSCSI storage device
- Your configuration calls for larger than 2TB per LUN

## CLIENT WORKSTATION - MIN. REQ.

(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