

NVR-2U32S Professional 2U Rackmount Network Video Recorder With Maxi Watch Software

- Record up to 32 audio/video streams



Key Features

- Record up to 120fps, 240 fps, 480 fps at full D1 resolution
- RPC Industrial Computing Rack mount 2U
- H.264, MPEG-4/JPEG dual codec depend on the camera compression
- RSupport external RAID 5, NAS connection, USB storage
- RAP Client Remote View Software, and I.E. Browser
- RSupport different IP Camera Brands
- RDisk on Module Utility with Greater stability

Technical Specifications

Model	NVR-2U32S
No. of IP Cameras	32
Video Resolution	Megapixel / Full D1 / CIF/ QCIF
Compression Standard	H.264, MPEG4/JPEG
Communication Protocols	TCP / IP, DHCP, PPPOE
Video Encryption	Yes
Operation System	Windows XP / Windows 2003 Server / Windows Vista / Windows 7
USB Joystick	Compatible with AXIS Keyboard
Back Up Function	SCSI / USB Interface HDD / CDR-W / DVD-RW
Bandwidth Control	Automatic (Automatic Transmission Control)
Max. Remote Users	10 simultaneously
Protocol Support	Simultaneously TCP/IP, DHCP, DNS, DDNS, HTTP, ARP, ICMP and NTP; RTP/RTCP, RTSP, RTP/UDP, IGMP
Digital zoom	Maximum 25 X digital
Smart intelligence	Motion detection General motion, Missing object, camera occlusion, foreign object, signal lost, focus lose
Network Type	RJ 45 (10/100/1000 Base-T)
Internal IDE or SATA Hard Disk	Max. Up to 4HDD (without DVD-RW), 4TB 2HDD + DVD-RW
Language	English / Traditional Chinese / France / Germany / Russian / Spain / Greek / Italian / Portuguese
Redundant Power Supply	Power Supply 100V ~ 240VAC Auto Switch, 400W
Dimension	53cm(L) x 8.6cm(H) x 48.3cm(W)
Operating Temperature	0 ~ +40°C
Storage Temperature	-20°C ~ +60°C

- Specifications are subjected to change without prior notice.

Software Specifications

Intelligent Video Analytics

Support video analytics including general motion, missing object, camera occlusion, foreign object, focus lost and signal lost

GUI Recording Schedule

Intuitive GUI recording schedule featuring continuous recording, motion recording. User can easily define the recording schedule for each camera

Web-browser (client)

Display up to 16 channels of live video stream or 16 channels of playback in I.E.

Dual Monitor

Up to 64 channels of live view video can be displayed per monitor.

Bandwidth Monitor

Monitor and display the bandwidth usage of individual cameras and remote viewing clients.

E-Map Function

For easy locating the triggered alarm of cameras and I/O on the map

3G Service

Support mobile device through 3G network via PDA viewer in the package

User-Friendly Interface

GUI recording schedule, camera drag and drop, I/O control menu and PTZ control menu

Counting Application

Intelligent 2-way (in and out) counting of object, people and traffic

Auto Recycle

Automatically recycle recording files when the storage is full. Separate recycle schedule between recordings and varies log files

Monitor Resolution

Supports 1024x768, 1200x900, 1280x1024, and 1600x1200 screen resolutions

Watermark

Protect for original recording from alteration with our watermark verification tool

Instant alarm notification

is the fastest and most cost efficient way to automatically respond to any smart detection event- 10 automatic instant alarm responses:

- On Screen Display
- Play Sound
- Send E-mail
- Phone Call
- PTZ Preset Go
- Signal Digital Output
- Send a SMS message
- Send to Central Server
- Send Snapshot to FTP
- Popup E-Map on Event

Software Specifications



- Live



- Playback



- I.E



- Remote Software

External SCSI Storage 16 Bay

- Supports RAID Levels 0, 1, 0+1, 3, 5, 6 and JBOD.



Key Features

- Supports hot spare and automatic hot rebuild.
- Allows online capacity expansion within the enclosure.
- Local audible event notification alarm.
- Supports password protection and UPS connection.
- Built-in serial port interface for remote event notification.
- Dual host channels support clustering technology.
- The RAID subsystem is made by aluminum. Aluminum is an excellent thermal conductor and Aluminum offers a unique combination of light weight and high strength.
- Tagged command queuing for 256 commands, allows for overlapping data streams.
- Transparent data protection for all popular operating systems.
- RAID ADG provides the highest level of data protection.
- RAID ADG can tolerate multiple simultaneous drive failures without downtime or data loss.
- Supports multiple array enclosures per host connection.

Software Specifications

Highest Density Available

- 3U chassis with 16 bays carriers.
- Over 4 Terabytes per chassis.

Extraordinary fault tolerance

- Advanced Data Guarding technology (RAID ADG) provides the highest level of data protection.
- RAID ADG can tolerate multiple simultaneous drive failures without downtime or data loss.

Unparalleled Aluminum material

- Aluminum is an Excellent Thermal Conductor.
- Aluminum Exhibits High Strength-to-Weight Ratio.

Extraordinary performance

- Serial ATA II: The Next Generation Internal Storage Interconnect.
- Better connectivity, higher data transfer rates.

RAID Management

- Smart-function LCD panel.
- Environmental monitoring unit.
- Real time drive activity and status indicators.
- Browser-based GUI management utility.

Technical Specifications

Model	OT-R3163-SA
Form-factor	3U 19-inch rackmount chassis
RAID processor	Intel 80321 64 bit RISC
RAID Level	0, 1, 0+1, 3, 5, 6, JBOD
Cache memory	128MB ~ 1024MB
No. of channels (host+drive)	2 + 16
Host bus interface	Ultra 320 LVD
Drive bus interface	SATA II
Data transfer rate	Up to 320MB/Sec
Back plane board	SATA II
Hot-swap drive trays	Sixteen (16) 1-inch trays
Hot-swappable power supplies	Three (3) 300W power supplies w / PFC
Cooling fans	2 (blower)
Battery backup	Option
Fibre Hub	No
R-Link support	Yes
SNMP Protocol Support	Yes
Background RAID Initialization	Yes
S.M.A.R.T	Yes
Array roaming	Yes
Power requirements	AC 90V ~ 254V Full Range 12A / 6A at 110V / 220V, 50Hz / 60Hz
Disk usage statistics	SNMP / MRTG management and notification
Hot spare capability	Fail-free online firmware upgrade
Volume Snapshot	Unicode support
Volume Replication	Multi-node Management GUI
Connectivity	CLI management via Telnet or SSH
SMB, CIFS over TCP/IP	Data Protection
NFS over UDP/IP	proNAS High Availability (option)
Cross platform data access	proBackup Client Backup
Novell Netware support	proNAS Data and Configuration Backup
FTP, HTTP file transfer	Support Veritas BackupExec Agent
DHCP	Power requirements
NAT	AC 90V ~ 264V Full range
Internet gateway	8A ~ 4A, 47 ~ 63Hz
WINS Server	Physical Dimension
Unit acts as a DHCP server	88(H) x 482(W) x 740(D) mm

Function:

- *New disk auto spare *Host independent *Environment monitor *Online expansion *Continuous rebuild
- *Online consistency check *Failed drive auto rebuild *Failed drive indicators *Audible alarm *Password protection
- *UPS connection *Bad block auto-remapping *Multiple RAID selection *Online RAID level migration
- *E-mail Notification

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