



FAULT TOLERANT



RECORDS IP CAMERAS



REMOVABLE HARD DRIVES

UP TO
16 IP-BASED
CAMERAS

*The NVR Series
offers up to 480
FPS recording
speeds!*

NETWORK VIDEO RECORDER

- Fault tolerant capabilities
- Record up to 16 IP-based cameras per NVR
- Available in both the 4U and the 5U rack mount chassis for optimal storage capacity
- Available cost-effective internal RAID 5 capability
- Cameras need not be local to record. The NVR can record over the Internet
- Records image resolutions as high as the IP Camera supports
- Multi-Site SCS software. The SCS software remotely manages 100+ Surveillix® video servers allowing you to configure, view, search, export, remotely upgrade, and monitor alarms. Supports multiple monitors for advanced monitoring
- Complete remote access; Setup control, user administration, video backup, live viewing, and powerful search capabilities

NVR Series

Network Video Recorder

Part Number	NVR
Video Format	NTSC / PAL
Recording Resolutions <small>(240/480pps models)</small>	Recording resolutions dependant upon the resolutions the IP Camera supports.
Video Input	Up to 16 Check website for updated models / configurations.
Video Output	SVGA x 1 (Monitor Not Included)
Recording Rate	Up to 480 PPS (30 PPS x 16 Cameras)
PTZ Controls	Internal RS-422 (over 45 Protocols)
Storage Media	Up to 2 Terabytes Internally (RAID 5)
LAN	1000 Gigabit Ethernet
Sample Image Size Averages	720x480 12K 720x240 6K 360x240 3K
Critical Recording Archive	CD-RW Drive LAN, Internet (TCP/IP) DVD Multi Burner (Optional) User Defined Access Level
Password Control	User Defined Access Level
Power Interruption Recovery	Automatic restart after power interruption/recording operation resume
Remote Connection	TCP/IP, UDP, Internet, LAN, WAN, ISDN, PSTN
Power Input	AC 100~240 V Input (50 Hz/60 Hz)
Central Processing Unit	Intel® Pentium® IV 3 Ghz +
RAM	8CH 512 MB / 16CH 1GB
Network Interface Speed	1 Gigabit Ethernet
Operating System	Microsoft® Windows® 2000

*Specifications subject to change without notice

The Toshiba Surveillix® NVR Series is a feature rich, powerful IP Camera Digital Video Recorder.

With available Internal RAID 5 HDD capabilities and field-replaceable hard disk drives, the NVR series is designed to support IP-based cameras. Capable of recording at super high resolutions and at speeds of up to 480 pictures per second, the NVR offers unmatched versatility.

MAIN FEATURES

- Field upgradeable, replaceable HDD array.
- Large storage capacities (over 2 TB)
- Designed for internal RAID 5. RAID 5 offers data redundancy and protection.
- Removable HDD bays for quick easy maintenance
- PAN / TILT / ZOOM controls on supported IP cameras.
- Simultaneous Search, Playback and Backup
- Up to 16 IP cameras
- Multiple levels of security access
- Output the video to an NTSC/PAL display*
- Advanced POS and ATM support
- Continuous, Motion Detection and Alarm recording modes
- Video signal loss detection
- Records at the encoding resolution of the IP camera.
- Digital signature support for tamper proof exporting

* SVGA Monitor is required for setup and maintenance

PART NUMBERS

8 Channel	Chassis	Storage	Internal RAID 5	Redundant Power Supply
• NVR8-250	4U	250 GB	N/A	N/A
• NVR8-500	4U	500 GB	N/A	N/A
• NVR8-1000	4U	1000 GB	Optional	N/A
• NVR8-1500FT	5U	1500 GB	Included	Included
• NVR8-2000FT	5U	2000 GB	Included	Included

16 Channel	Chassis	Storage	Internal RAID 5	Redundant Power Supply
• NVR16-250	4U	250 GB	N/A	N/A
• NVR16-500	4U	500 GB	N/A	N/A
• NVR16-1000	4U	1000 GB	Optional	N/A
• NVR16-1500FT	5U	1500 GB	Included	Included
• NVR16-2000FT	5U	2000 GB	Included	Included

Check website for updated models / configurations.

OPTIONAL COMPONENTS

Part Number	Description
• HDD-250	250 GB Removable
• FLD-UPG1	Field Upgrade Option (for the 4U Chassis only)
• SCS-UPG	SCSI Card Upgrade
• 2-RDNT-PS	Redundant Power Supply (for the 5U Chassis only)
• 1TBEXT-HDD	1 TB External Drive
• 2.25EXTRS	2.25 TB External RAID 5
• 3.25EXTRS	3.25 TB External RAID 5
• DVR-R6	Internal RAID 5 for 4U Server
• PW-UPS	UPS Power Backup
• NP-4PKVM	4 Channel KVM Switch
• DVD-UPG	DVD Multi Burner Upgrade
• PC-POS01	POS Interface Software
• PC-ATM01	ATM Interface Software
• NP-FM56USB	56K External Modem
• P1550LA	15" LCD Monitor
• P1750LA	17" LCD Monitor
• P1950LA	19" LCD Monitor

Sample NVR Configuration

