



480 PPS MAX!

UP TO 32
CHANNELS

The EVR Series offers large volume camera support!

Fault Tolerant* Video Recording

- Available in 8, 16, and 32 channel configurations
- Field replaceable, redundant power supply
- Removable HDD bays for quick HDD replacement
- Available cost-effective internal RAID 5
- Capable of recording at up to 480 pictures per second (Up to 30 PPS per camera)
- 8, 16, & 32 Channel configurations provide one looping output per camera input
- Multi-Site SCS software. The SCS software remotely manages 100+ DVRs allowing you to configure, view, search, export, remotely upgrade, and monitor alarms. Supports multiple monitors for advanced monitoring
- Recording resolutions as high as 720 x 480
- Audio recording. Record audio and video together to get the complete solution
- Complete remote access. setup control, user administration, video backup, live viewing, and powerful search capabilities
- Up to 8 TB external storage available

* Fault Tolerant capability refers to RAID 5 capability and Redundant Power Supply

EVR Series

Fault Tolerant DVR

| | | | |
|--------------------------------------|---|---------------|------------|
| Part Number | EVR | | |
| Video Format | NTSC / PAL | | |
| Resolutions | 720x480 (NTSC) | 720x576 (PAL) | |
| | 720x240 (NTSC) | 720x288 (PAL) | |
| | 360x240 (NTSC) | 360x288 (PAL) | |
| Video Input | BNC x 8, 16, 32 | | |
| Video Output | BNC x 8, 16, 32 (8/16/32 Channel Only) SVGA x 1 (SVGA Monitor required)* | | |
| Recording Rate | 480 PPS DVR 480 PPS 360x240 (NTSC) 240 PPS 720x240 (NTSC) 120 PPS 720x480 (NTSC) 240 PPS DVR 240 PPS 360x240 (NTSC) 120 PPS 720x240 (NTSC) 60 PPS 720x480 (NTSC) | | |
| | 8ch | 16ch | 32ch |
| Audio Recording (16 inputs optional) | 4 | 4 | 8 |
| Sensor/Alarm Inputs | 8 | 16 | 16 |
| Alarm Outputs | 8 | 16 | 16 |
| PTZ Controls | Internal RS-422 (over 75 Protocols) | | |
| Image Compression | Proprietary MJPEG | | |
| Storage Media | Up to 4 Terabytes Internally (RAID 5) | | |
| LAN | 10/100 Fast Ethernet (1000 Optional) | | |
| Average Image Size | 720x480 16K | 720x240 8K | 360x240 4K |
| Critical Recording Archive | DVD Multi Burner LAN, Internet (TCP/IP) | | |
| 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 100~240V Input (50Hz/60Hz) | | |
| Weight | 52-62.5 lbs | | |
| Mounting Rack | 5U Rackmount Chassis | | |
| Dimensions (L/W/H) | 21.5" (54.61 cm) / 17.25" (43.815 cm) / 8.75" (22.225 cm) | | |
| Operating System | Microsoft® Windows® XP Embedded | | |

* SVGA Monitor is required for setup and maintenance
Specifications subject to change without notice

PART NUMBERS

| 8 Channel (240 PPS) | 16 Channel (240 PPS) | 32 Channel (240 PPS) | 16 Channel (480 PPS) | 32 Channel (480 PPS) |
|---------------------|----------------------|----------------------|----------------------|----------------------|
| • EVR8-240-250 | • EVR16-240-250 | • EVR32-240-250 | • EVR16-480-250 | • EVR32-480-250 |
| • EVR8-240-500 | • EVR16-240-500 | • EVR32-240-500 | • EVR16-480-500 | • EVR32-480-500 |
| • EVR8-240-750 | • EVR16-240-750 | • EVR32-240-750 | • EVR16-480-750 | • EVR32-480-750 |
| • EVR8-240-1000 | • EVR16-240-1000 | • EVR32-240-1000 | • EVR16-480-1000 | • EVR32-480-1000 |
| • EVR8-240-1250 | • EVR16-240-1250 | • EVR32-240-1250 | • EVR16-480-1250 | • EVR32-480-1250 |
| • EVR8-240-1500 | • EVR16-240-1500 | • EVR32-240-1500 | • EVR16-480-1500 | • EVR32-480-1500 |
| • EVR8-240-1750 | • EVR16-240-1750 | • EVR32-240-1750 | • EVR16-480-1750 | • EVR32-480-1750 |
| • EVR8-240-2000 | • EVR16-240-2000 | • EVR32-240-2000 | • EVR16-480-2000 | • EVR32-480-2000 |
| | • EVR16-240-2500 | • EVR32-240-2500 | • EVR16-480-2500 | • EVR32-480-2500 |
| | • EVR16-240-3000 | • EVR32-240-3000 | • EVR16-480-3000 | • EVR32-480-3000 |
| | • EVR16-240-3500 | • EVR32-240-3500 | • EVR16-480-3500 | • EVR32-480-3500 |
| | • EVR16-240-4000 | • EVR32-240-4000 | • EVR16-480-4000 | • EVR32-480-4000 |

The Toshiba Surveillix EVR Series sets the standard in fault-tolerant, high definition recording.

With a chassis engineered for enhanced airflow allowing maximum heat dissipation, available internal RAID 5 HDD capabilities and redundant power supplies, the EVR Series is designed for maximum uptime. In the event a problem does occur, field replaceable hard drives and power supplies allow replacement of the failed components without ever having to remove the EVR from the customer site or even turn off the recorder. The EVR Series comes pre-configured to allow HDD storage expansion in the field without it needing to be returned to Toshiba for upgrading.

Each system includes a built-in RS-422 adapter supporting over 75 protocols and digital signature verification for tamper detection of exported video.

MAIN FEATURES

- Field Upgradeable, Replaceable HDD Array
- Large Storage Capacities (over 4TB)
- Designed for Internal RAID 5 offering Data Redundancy and Protection
- Removable HDD Bays for Quick Easy Maintenance
- 2 Way Audio (Remote ↔ Server)
- PAN / TILT / ZOOM Controls (Over 75 Protocols Supported)
- Simultaneous Search, Playback and Backup
- Up to 16 Channels of Audio
- Multiple Levels of Security Access
- Output the Video to an NTSC/PAL Display
- Up to 32 Looping Outputs
- Advanced POS and ATM Support
- Continuous, Motion Detection and Alarm Recording Modes
- Video Signal Loss Detection
- 720x480 / 720x240 / 360x240 NTSC Resolutions
- Pre-Alarm Image Recording

SOFTWARE SOLUTIONS

- Remote Software (connects to one DVR at a time)
- Multi-Site SCS Software (manages 100+ DVRs simultaneously)
- Backup Viewer (plays exported video in its proprietary format)
- Emergency Agent (alarm management)
- MDVR (Windows CE) for Pocket PC

Rear View (shown with optional redundant power supply)

