



60 120  
240 480 PPS

**8 and 16**  
CHANNELS

*The DVR series  
offers up to 480 PPS  
recording speeds!*

### Advanced Digital Recording

- Available in 8 and 16 channel configurations
- Removable HDD bays for quick HDD replacement and field upgrades
- Available cost-effective internal RAID 5 capability
- 60 / 120 / 240 / 480 PPS models available. (Up to 30 PPS per camera)
- All 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 720x480
- Audio Recording. Record up to 16 channels of audio to get the complete picture
- Complete remote access. setup control, user administration, video backup, live viewing, and powerful search capabilities
- Up to 8 TB external RAID 5 available

# DVR SERIES

## Digital Video Recorder

Part Number	DVR	
Video Format	NTSC / PAL	
Resolutions (240/480pps models)	720x480 (NTSC) 720x240 (NTSC) 360x240 (NTSC)	720x576 (PAL) 720x288 (PAL) 360x288 (PAL)
Video Input	BNC x 8, 16	
Video Output	BNC x 8, 16	SVGA x 1 (Required)*
Recording Rate	<b>480 PPS DVR</b> 480 PPS 360x240 (NTSC) 240 PPS 720x240 (NTSC) 120 PPS 720x480 (NTSC)	<b>120 PPS DVR</b> 120 PPS 320x240 (NTSC) 60 PPS 640x240 (NTSC) 30 PPS 640x480 (NTSC)
Audio Recording (Optional 16 Channel Available)	<b>480 PPS</b> 8ch 16ch 4 4 yes yes <b>8 16</b> 8 16	<b>240 PPS</b> 8ch 16ch 4 4 yes yes <b>8 16</b> 8 16
Sensor/Alarm Inputs	8 16 8 16 8 4 8 4	
Alarm Outputs	8 16 8 16 8 4 8 4	
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**)	
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 100~240 V Input (50 Hz/60 Hz)	
Weight	47-52 lbs	
Mounting Rack	4U Rack Mount Chassis	
Dimensions (L/W/H)	21.5" (54.61 cm) / 17.5" (44.45 cm) / 7" (17.78 cm)	
Operating System	Microsoft® Windows® XP Embedded	

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

The Toshiba Surveillix DVR Series sets the standard in user friendly, high definition recording.

With available Internal RAID 5 HDD capabilities and field replaceable Hard Disk Drives, the DVR Series is designed for maximum reliability. The DVR Series comes pre-configured to allow HDD storage expansion in the field without it needing to be returned to Toshiba for upgrading. Capable of recording at speeds of up to 480 pictures per second, the DVR offers unmatched versatility.

Each system includes a built-in RS-422 adapter supporting over 75 protocols as well as a DVD+RW optical drive for export and backup of recorded video.

## MAIN FEATURES

- Field Upgradeable, Replaceable HDD Array
- Large Storage Capacities (over 4 TB)
- 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 16 Looping Outputs
- Advanced POS and ATM Support
- Continuous, Motion Detection and Alarm Recording Modes
- Video Signal Loss Detection
- Up to 720x480 / 720x240 / 360x240 NTSC Recording Resolutions
- Digital Signature Verification for Tamper Detection of Exported Video

## SOFTWARE SOLUTIONS

- Remote Software (connect 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

## PART NUMBERS

<b>8 Channel (60 PPS)</b> • DVR8-60-250 • DVR8-60-500 • DVR8-60-750 • DVR8-60-1000 • DVR8-60-1250 • DVR8-60-1500 • DVR8-60-1750 • DVR8-60-2000	<b>8 Channel (240 PPS)</b> • DVR8-240-250 • DVR8-240-500 • DVR8-240-750 • DVR8-240-1000 • DVR8-240-1250 • DVR8-240-1500 • DVR8-240-1750 • DVR8-240-2000	<b>16 Channel (480 PPS)</b> • DVR16-480-250 • DVR16-480-500 • DVR16-480-750 • DVR16-480-1000 • DVR16-480-1250 • DVR16-480-1500 • DVR16-480-1750 • DVR16-480-2000
<b>16 Channel (120 PPS)</b> • DVR16-120-250 • DVR16-120-500 • DVR16-120-750 • DVR16-120-1000 • DVR16-120-1250 • DVR16-120-1500 • DVR16-120-1750 • DVR16-120-2000	<b>16 Channel (240 PPS)</b> • DVR16-240-250 • DVR16-240-500 • DVR16-240-750 • DVR16-240-1000 • DVR16-240-1250 • DVR16-240-1500 • DVR16-240-1750 • DVR16-240-2000	

## Rear View

