



* monitor not included



240 and 480 PPS

16/32

CHANNELS

*Up to 480 PPS
recording speeds!*

16 CH. HYBRID
Standard on ALL DVRs

Advanced Digital Recording

- 16 Hybrid Recording Channels Standard on All DVRs
- Available in 16 and 32 channel configurations.
- 240/480 PPS recording. (Up to 30 PPS per camera.)
- Removable HDD bays for quick HDD replacement and field upgrades.
- Available cost-effective internal RAID 5 capability.
- 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.
- Analog recording resolutions as high as 720 x 480.
- 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.
- Supports all major IP camera manufacturers.

HVS Series

Hybrid Digital Video Recorder

	240		480		480H
	16CH	32CH	16CH	32CH	16CH
Video Format	NTSC/PAL				
Analog Video Inputs (BNC)	16	32	16	32	16
IP Video Inputs	16 Channels				
Video Outputs	DVI-D x 1, SVGA x 1 (Primary Display), RCA x 1 (Spot Monitor)				
Looping Outputs (BNC)	16	32	16	32	16
Recording Rate	240 PPS 360×240 120 PPS 720×240 60 PPS 720×480		480 PPS 360×240 240 PPS 720×240 120 PPS 720×480		480 PPS 360×240 480 PPS 720×240 480 PPS 720×480 (D1)
Live Viewing Rate (PPS)	480		480		480
Audio Recording (optional 16 channel Available)	4 YES	8 YES	16 YES	8 YES	16 NO
Sensor/Alarm Inputs	16	16	16	16	16
Alarm Outputs	16	16	16	16	16
PTZ Controls	Internal RS-422/485 (over 75 protocols)				
Image Compression	Proprietary MJPEG			H.264 Hardware Compression	
Storage Capacity	Up to 8 Terabytes (RAID 5 optional)				
LAN	100/1000 Gigabit Ethernet				
Critical Recording Archive	DVD Multi Burner, Network, USB				
Password Control	User Defined Access Level				
Power Interruption Recovery	Automatic restart after power interruption/ recording operation resumes				
Remote Connection	TCP/IP, UDP, Internet, LAN, WAN				
Power Input	AC 100~240V Input (50 Hz/60 Hz)				
Central Processing Unit	Intel® Dual Core 2 Ghz+		Intel® Core™2 Duo 2 Ghz+		
RAM	1 GB			2 GB	
Operating System	Microsoft® Windows® XP Embedded				
Dimensions (h x w x d)	7" x 17.3" x 21.75" (180mm x 440mm x 552mm)				
Weight	47-52 lbs (21.3-23.5 kg) / 64 - 84 lbs (29-38 kg) with packaging				

The Toshiba Surveillix® HVS series of DVRs sets the standard for user friendly, high definition digital recorders.

With available Internal RAID 5 capabilities and field replaceable Hard Disk Drives, the DVR Series is designed for maximum reliability. The HVS 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 HVS offers unmatched versatility.

MAIN FEATURES

- Field upgradeable, removable HDDs
- Storage capacity up to 8 TB
- Designed for internal RAID 5, offering data redundancy and protection
- 2 way audio (Remote ↔ Server)
- PTZ controls (over 75 protocols supported)
- Simultaneous search, playback and backup
- Up to 16 channels of audio
- Multiple levels of security access
- Dual monitor outputs*
- Advanced POS and ATM support
- Continuous, motion detection and alarm recording
- Video signal loss detection
- Up to 720 x 480 NTSC recording resolutions

*Monitor is not included. SVGA monitor is required for setup and maintenance.

OPTIONAL ACCESSORIES

- Internal RAID5 (DVR-R5)
- Additional Hard Drives (1TB: HDD-1TB, 2TB: HDD-2TB)
- Redundant Power Supply (2-RDNT-PS)
- 16CH Audio Card (16-AUD)
- Extended Warranties (EW-S3Y/S4Y/S5Y)

For more information, contact your sales representative.

HVS SERIES PART NUMBERS

MJPEG HYBRID DVRs

32 CH 480 PPS

- HVS32-480-8T
- HVS32-480-6T
- HVS32-480-4T
- HVS32-480-2T

32 CH 240 PPS

- HVS32-240-8T
- HVS32-240-6T
- HVS32-240-4T
- HVS32-240-2T

16 CH 480 PPS

- HVS16-480-8T
- HVS16-480-6T
- HVS16-480-4T
- HVS16-480-3T
- HVS16-480-2T
- HVS16-480-1T

16 CH 240 PPS

- HVS16-240-8T
- HVS16-240-6T
- HVS16-240-4T
- HVS16-240-3T
- HVS16-240-2T
- HVS16-240-1T

H.264 HYBRID DVRs

16 CH 480H PPS

- HVS16-480H-8T
- HVS16-480H-6T
- HVS16-480H-4T
- HVS16-480H-3T
- HVS16-480H-2T
- HVS16-480H-1T

SAMPLE SCS MULTIPLE REMOTE CONNECTION

