

**16/32**  
**CHANNELS**  
*Expandable up to  
64 channels*



### Advanced Digital Recording

- 16 Hybrid Recording Channels Standard on all DVRs
- Available in 16 and 32 channel configurations, expandable up to 64 channels for maximum performance
- 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 Recorders

	240		480	
	16CH	32CH	16CH	32CH
Video format	NTSC/PAL			
Analog Video Inputs (BNC)	16	32	16	32
IP Video Inputs	16 Channels (expandable to 64 ch.*)			
Video Outputs	DVI-D x 1, SVGA x 1 (Primary Display), RCA x 1 (Spot Monitor)			
Looping Outputs (BNC)	16	32	16	32
Recording Rate	240 PPS 360x240 120 PPS 720x240 60 PPS 720x480		480 PPS 360x240 240 PPS 720x240 120 PPS 720x480	
Live Viewing Rate (PPS)	480		480	
Audio Recording	4	8	16	8
(optional 16 ch. available)	YES	YES	YES	YES
Sensor/Alarm Inputs	16	16	16	16
Alarm Outputs	16	16	16	16
PTZ Controls	Internal RS-422/485 (over 75 protocols)			
Image Compression	Proprietary MJPEG			
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)			
Intel® CPU	Dual Core 2 Ghz+		Core 2 Duo 2 Ghz+	
RAM	1GB			
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			

\* Additional hybrid/IP licenses required

The Toshiba Surveillix® HVS series of DVRs sets the standard for user friendly, high definition digital recorders — now expandable to 64 channels.

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

### SAMPLE HVS CONFIGURATION

