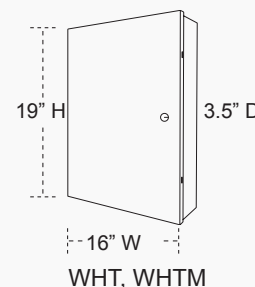


HT Full Hybrid HD-TVI Wall Mount Video Recorder with Looping Outputs and Real-Time Recording

D8WHT	8 Channel IP, HD-TVI & Analog Full Hybrid Wall Mount Video Recorder
D8WHTM	8 Channel IP, HD-TVI & Analog Full Hybrid Wall Mount Video Recorder with Built-in Monitor
D16HT	16 Channel IP, HD-TVI & Analog Full Hybrid Wall Mount Video Recorder
D16WHTM	16 Channel IP, HD-TVI & Analog Full Hybrid Wall Mount Video Recorder with Built-in Monitor

Storage **1TB – 12TB** (see last page for model numbers)



Features

EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto copy what you are playing onto a USB flash drive

- Video Out: 1 HDMI®, 1 VGA, 1 CVBS / Spot
- A patented hybrid DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- Real-time recording rate at 30fps/channel on IP / HD-TVI / Analog
- Up to 5MP IP camera resolution on all channels
- 1080p@30fps on HD-TVI channels
- Plug & play feature with Speco's OnSIP/VIP/ZIP cameras
- Each channel is configurable for either IP / HD-TVI / Analog
- Dual network ports for isolating IP camera network and remote network traffic
- Instant playback allows for playback of 1 channel while the rest stays in Live mode
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- H.264 video compression
- Networkable full hybrid DVR with free Speco DDNS server
- Backwards compatible with all analog cameras
- UTC function allows for zoom/focus and OSD control over coax

- HD-TVI signal distance up to 1600 feet**
- Digital Deterrent® for triggering audio message via motion detection or sensor
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter
- 2-way audio communication via local and IP camera audio service
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Supports wireless access point for viewing and configuration
- HTTPS – support for third party SSL certificates.
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- Easy firmware upgrade by USB port or network
- User Access: up to 4 concurrent users
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Network software supports Static IP, DHCP and DDNS
- Network accessible via SecureGuard® and SecureGuard® Mobile
- PC and MAC® compatible
- IR remote control & mouse included
- Rack mountable (hardware included)
- 3 year warranty

Optional Accessories



IRRPTKIT
IR Repeater Kit



DSWFUSB
USB Wireless
Access Point



POE4SW5
4 PoE Port 10/100
802.3af/ at Switches



POE8SW9
8 PoE Port 10/100
802.3af/ at Switches





POE16SW18
16 PoE Port 10/100
802.3af/ at Switches

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**Technical Specifications:****HT Full Hybrid Wall Mount Video Recorder with Looping Outputs and Real-Time Recording**

Model			D8HT	D16HT	
Video	Input	IP Channels	Up to 8	Up to 16	
		HD-TV / Analog Channels	Up to 8	Up to 16	
	Output	HDMI®	1 HDMI (1280x720 / 1920x1080 / 1600x1200)		
		VGA	1 VGA (1280x720 / 1920x1080 / 1600x1200)		
		CVBS / SPOT	1		
Loopouts		8 (HD-TV and Analog channels only)	16 (HD-TV and Analog channels only)		
Audio	Input		8 line input, 8 IP input	16 line input, 16 IP input	
	Output	Local Output (RCA)	1	1	
	Audio Codec		G.711		
Alarm	Sensor Input	Local Input	4	4	
		Remote Input from IP Camera	8	16	
	Alarm Output		1	1	
	RS-485	PTZ	1		
Recording	Compression		H.264 (baseline, main, high profile)		
	Resolution	IP	2592x1944 (5MP)	240fps	480fps
			2098 x 1536 (3MP)	240fps	480fps
			1920 x 1080 (2MP)	240fps	480fps
			1280x720 (720p)	240fps	480fps
		HD-TV	1920 x 1080 (1080p)	240fps	480fps
			1280 x 720 (720p)	240fps	480fps
		Analog	960H	240fps	480fps
	Recording Quality Grade (Analog Only)		5 levels		
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual / Continuous + Sensor / Continuous + Motion		
	Pre-Recording		Max. 20 minutes		
	Post Recording		Max. 60 seconds		
Playback	Search		EZ Search, Date/Time, Event, Archive, Log, Smart Search		
	Multi-Decoding		1, 4, 8	1, 4, 9, 16	
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64		
Backup	Media		USB Drive, External HDD, Network		
	Format		BMP, AVI, Proprietary Format (NSP)		
	Large Backup		Yes (max. 24 hours)		
Storage	HDD	Capacity of 1 HDD	4TB		
		Internal HDDs	3		
		e-SATA	1		
	USB		2 front, 1 rear		
User I/F	Menu Display		GUI		
	Input Method		Front Buttons, IR, Mouse, Keyboard Controller		
Network	Interface		Dual Network Ports 10/100/1000Base-T		
	Streaming	IP Channel	Depends on profile		
		HD-TV and Analog Channel	640 x 360, 320x 180 @ 30fps/channel		
	Dual Encoding for Network		Yes		
Max. Throughput		48Mbps			
Network Access	Mobile Viewer		SecureGuard® Mobile		
	PC Web Viewer		IE, Chrome, Firefox, Safari (Live, Search, Backup, PTZ, Remote Setup)		
	PC Client		SecureGuard®		
Features	Digital Deterrent®		Default + up to 8 audio files		
	Digital Zoom		Yes		
	DLS (Daylight Savings)		Yes		
	EZ Search, Smart Search		Yes		
	S.M.A.R.T		Yes		
	Cloud Backup on Event		Yes		
	Multi-Language		Yes		
	Dynamic DNS		Yes (free Speco DDNS)		
	SW Upgrade		USB and remote software upgrade		
	E-mail Notification / Twitter		Yes		
Power Source	NTP (Network Time Protocol)		Yes		
	Power Supply Voltage		12VDC, 5A	12VDC, 6.67A	
Allowable Operating Temperature / Humidity			41° F - 104° F / 20% - 80% RH (non-condensing)		
Allowable Storage Temperature			14° F - 122° F		
Weight	Unit Weight (Gross Weight)		16 lbs.		
Dimensions	Unit Dimensions (W x H x D)		16" (W) x 19" (H) x 3.5" (D)		

Please note that specifications and unit exterior design are subject to change without notification.

WHT			
CH.	HDD	Base Model	Built-In Monitor
8	1TB	D8WHT1TB	D8WHTM1TB
	2TB	D8WHT2TB	D8WHTM2TB
	3TB	D8WHT3TB	D8WHTM3TB
	4TB	D8WHT4TB	D8WHTM4TB
	6TB	D8WHT6TB	D8WHTM6TB
	8TB	D8WHT8TB	D8WHTM8TB
	9TB	D8WHT9TB	D8WHTM9TB
	12TB	D8WHT12TB	D8WHTM12TB
16	1TB	D16WHT1TB	D16WHTM1TB
	2TB	D16WHT2TB	D16WHTM2TB
	3TB	D16WHT3TB	D16WHTM3TB
	4TB	D16WHT4TB	D16WHTM4TB
	6TB	D16WHT6TB	D16WHTM6TB
	8TB	D16WHT8TB	D16WHTM8TB
	9TB	D16WHT9TB	D16WHTM9TB
	12TB	D16WHT12TB	D16WHTM12TB