VS 960H Wall Mount Digital Video Recorder

D4WVS, D8WVS, D16WVS
Base Wall Mount Model

D4WVSM, D8WVSM, D16WVSM
Wall Mount with Built-In Monitor

D4WVSP, D8WVSP
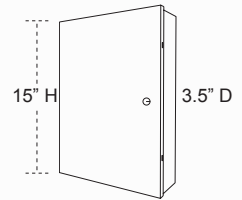Wall Mount with Built-In Power Supply

D4WVSPM, D8WVSPM
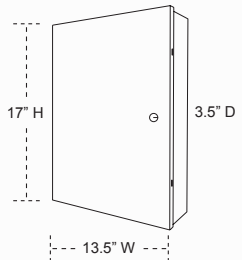Wall Mount with Built-In Power Supply and Monitor

Storage	500GB - 6TB (see last page for model numbers)

Patented Design

15" H   3.5" D   11.5" W

WVS, WVSM

17" H   3.5" D   13.5" W

WVSP, WVSPM

Features

EZ Set-Up Wizards: One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence.
- Date/Time - Recording method - Recording video quality - Network
- Port forwarding

EZ Search: quickly search events from thumbnails

EZ Record: quickly setup recording resolutions and recording type

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

- Video Out: 1 HDMI®, 1 VGA, 1 CVBS
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- H.264 video compression
- Networkable DVR with free Speco DDNS server
- Easy and simple graphical user interface
- Digital Deterrent® supports up to 8 audio files for triggering during sensor or motion detection
- 2-way audio communication
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- 4 channel audio recording
- Covert camera operation provides enhanced security and administrator control
- Password to secure installation authorization

- 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
- Instant and convenient backup via USB flash drive or network
- Supports multiple PC based browsers such as Internet Explorer, Google Chrome, Firefox and Safari
- Simultaneous playback/record while continuing to network transfer or backup
- User Access: up to 4 concurrent users for live viewing, 1 user for playback
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Network accessible via SpecoTech Multi-Client Software, SecureGuard™ Plus CMS, Internet Explorer, Web-Viewer and Speco Player Mobile Viewer
- PC and MAC® compatible
- IR remote control and mouse included
- Digital watermarking
- 3 year warranty

Free Apps with support for view on most smart devices

Optional Accessory

IRRPTKIT
IR Repeater Kit

ITEM			WVS / WVSM / WVSP / WVSPM		
Video	Input	Channel	4	8	16
		Input Level	Composite, 1.0Vp-p, 75 ohms		
		Signal Format	NTSC / PAL		
		Video Loss Check	Yes		
	Output	HDMI®	1 HDMI (1024x768, 1280x720, 1280x1024, 1920x1080)		
		VGA	1 VGA (1024x768, 1280x720, 1280x1024, 1920x1080)		
		CVBS / Spot	1 main or 1 spot	1 main and 1 spot	
Audio	Input & Output		4 line input & 1 line output		
	Audio Codec		G.711		
Alarm	Sensor Input		4 channel (NC/NO selectable)		
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure		
Serial	RS-485	PTZ	1		
Recording	Compression		H.264		
	Multi-Operation		QUADPLEX (play / record / network / backup)		
	Resolution	960H	120fps	240fps	240fps
		D1	120fps	240fps	240fps
		CIF	120fps	240fps	480fps
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor		
	Motion Detection		Motion detection setup by grid		
	Recording by Channel's Resolution		Yes		
	Pre-Recording		Max. 20 minutes		
	Post Recording		Max. 60 seconds		
Playback	Multi-Decoding		1, 4	1, 4, 8	1, 4, 9, 16
	Search Mode		EZ Search, Timeline, Event, Archive, Log		
Storage	HDD	Interface Type	Serial ATA		
		Capacity of 1 HDD	2 TB	3 TB	
		Internal HDD	1	2	
	Backup	USB Flash Drive	Video & Still Image		
		USB External HDD	Video & Still Image		
		Network	Video & Still Image		
	USB Port		1 front, 1 rear		
User I/F	Menu Display		GUI		
	Input Method		IR, Mouse, Keyboard Controller		
Network	Interface		10/100Base-T		
	Streaming		CIF 15fps / channel max.		
Network Access	Mobile Viewer		Live, Search, PTZ, 2-Way Audio		
	PC Web Viewer		Internet Explorer, Chrome, Firefox, Safari (Live, Search, Backup, PTZ, Remote Setup)		
	PC Client		SpecoTech Multi-Client Viewer and SecureGuard® Plus CMS (Live, Search, Backup, PTZ, Remote Setup)		
	MAC Client		Speco Client for MAC and SecureGuard® CMS (Live, Search, Backup, PTZ, Remote Setup)		
Features	Digital Deterrent®		Default + up to 8 custom audio files		
	Digital Zoom		Yes		
	DLS (Daylight Savings)		Yes		
	EZ Record		Yes		
	S.M.A.R.T		Yes		
	Internal Beep		By video loss, HDD error		
	Multi-Language		English / Spanish / French		
	Dynamic DNS		Yes (free Speco DDNS)		
	SW Upgrade		USB and remote software upgrade		
	Email Notification		Yes		
	NTP (Network Time Protocol)		Yes		
Power Source	Power Supply Voltage		12VDC, 3A	12VDC, 5A	
Allowable Operating Temperature / Humidity			41° F - 104° F / 20% - 80% RH		
Allowable Storage Temperature			14° F - 122° F		
Weight	Unit Weight (Gross Weight)		WVS: 8.5 lbs. / WVSM: 9 lbs. / WVSP: 12 lbs. / WVSPM: 12.3 lbs.		
Dimensions	Unit Dimensions (W x H x D)		WVS / WVSM: 11.5" (W) x 15" (H) x 3.5" (D) | WVSP / WVSPM: 13.5" (W) x 17" (H) x 3.5" (D)		

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

Storage Specifications/Model Number Guide:
VS 960H Wall Mount Digital Video Recorder

speco technologies®

WVS

CH.	HDD	Base Model	Built-In Monitor	Built-In Power Supply	Built-In Power Supply and Monitor
4	500GB	D4WVS500	D4WVSM500	D4WVSP500	D4WVSPM500
4	1TB	D4WVS1TB	D4WVSM1TB	D4WVSP1TB	D4WVSPM1TB
4	2TB	D4WVS2TB	D4WVSM2TB	D4WVSP2TB	D4WVSPM2TB
8	1TB	D8WVS1TB	D8WVSM1TB	D8WVSP1TB	D8WVSPM1TB
8	2TB	D8WVS2TB	D8WVSM2TB	D8WVSP2TB	D8WVSPM2TB
8	3TB	D8WVS3TB	D8WVSM3TB	D8WVSP3TB	D8WVSPM3TB
8	4TB	D8WVS4TB	D8WVSM4TB	D8WVSP4TB	D8WVSPM4TB
8	6TB	D8WVS6TB	D8WVSM6TB	D8WVSP6TB	D8WVSPM6TB
16	1TB	D16WVS1TB	D16WVSM1TB	X	X
16	2TB	D16WVS2TB	D16WVSM2TB	X	X
16	3TB	D16WVS3TB	D16WVSM3TB	X	X
16	4TB	D16WVS4TB	D16WVSM4TB	X	X
16	6TB	D16WVS6TB	D16WVSM6TB	X	X