![Speco Technologies logo]

VS 960H Digital Video Recorder

D4VS   4 Channel 960H Digital Video Recorder
D8VS   8 Channel 960H Digital Video Recorder
D16VS   16 Channel 960H Digital Video Recorder

Storage	500GB - 6TB

D4VS500	D8VS1TB	D16VS1TB
D4VS1TB	D8VS2TB	D16VS2TB
D4VS2TB	D8VS3TB	D16VS3TB
	D8VS4TB	D16VS4TB
	D8VS6TB	D16VS6TB

Front panel

Rear panel   D4VS shown

13.4" (W) x 10.31" (D)
2.48" (H)

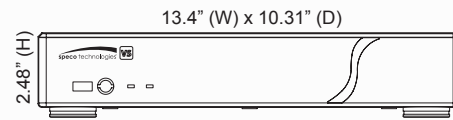## Features

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
• 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™ 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

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Optional Accessories

ERS1V
Vented Rack Shelf

IRRPTKIT
IR Repeater Kit

800-645-5516 • Fax: 631-957-9142 or 631-957-3880 • specotech.com

ITEM			D4VS	D8VS	D16VS
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® 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)		3.3 lbs.		
Dimensions	Unit Dimensions (W x H x D)		13.4" (W) x 2.48" (H) x 10.31" (D)		

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