DS Wall Mount Digital Video Recorder with 960H Real-Time Recording

D8WDS, D16WDS
Base Wall Mount Model

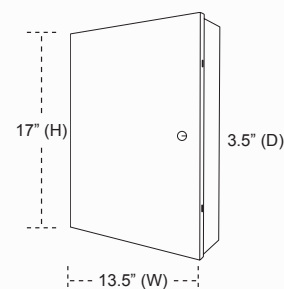## D8WDSM, D16WDSM
Wall Mount with Built-In Monitor

Storage	**1TB – 9TB** (see last page for model numbers)

17" (H) 3.5" (D) 13.5" (W)

Patented Design

Features

EZ Setup: for quick system setup
EZ Network: for quick set-up on a network
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 BNC, 1 Spot
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- Networkable DVR with free Speco DDNS server
- Easy and simple graphical user interface
- Digital Deterrent® for triggering audio message via motion detection or sensor
- 2-way audio communication
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Real-time recording rate at 240FPS (8 Ch.) / 480FPS (16 Ch.) at 960H/D1
- Supports wireless access point for viewing and configuration
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- 8/16 channel audio recording
- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization

- Covert camera operation provides enhanced security and administrator control
- Password to secure installation authorization
- 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
- PC and MAC® compatible
- Supports multiple PC based browsers such as Internet Explorer, Google Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® CMS, Internet Explorer Web-Viewer and Speco Player Mobile Viewer
- 3 year warranty

Free Apps with support for view on most smart devices

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Optional Accessories

IRRPTKIT
IR Repeater Kit

DSWFUSB
USB Wireless Access Point

ITEM			WDS / WDSM	
Video	Input	Channel	8	16
		Input Level	Composite, 1.0Vp-p, 75 ohms	
		Signal Format	NTSC / PAL	
		Video Loss Check	Yes	
	Output	HDMI	1 HDMI (1280x720, 1920x1080)	
		VGA	1 VGA (1280x720, 1920x1080)	
		BNC & SPOT	Main and Spot	
Audio	Input & Output		8 line input & 1 line output	16 line input & 1 line output
	Audio Codec		G.711	
Alarm	Sensor Input (NC/NO Selectable)		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	240fps	480fps
		D1	240fps	480fps
		CIF	240fps	480fps
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Sensor / Continuous + Motion	
	Motion Detection		Motion detection grid	
	Recording by Channel's Resolution		Yes	
	Pre-Recording		Max. 20 minutes	
	Post Recording		Max. 60 seconds	
Playback	Multi-Decoding		1, 4, 8	1, 4, 9, 16
	Search Mode		EZ Search, Timeline, Event, Archive and Log	
Storage	HDD	Interface Type	Sata ATA	
		Capacity of 1 HDD	3TB	
		Internal HDD Number	3	
		e-SATA	1	
	Backup	USB Flash Drive	Video & Still Image	
		USB External HDD	Video & Still Image	
		Network	Video & Still Image	
	USB Port		3	
User I/F	Menu Display		GUI	
	Input Method		Mouse, IR Remote Control	
Network	Interface		10/100/1000Base-TX Ethernet	
	Streaming		CIF 240fps	CIF 480fps
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 / French / Spanish	
	Dynamic DNS		Yes (free Speco DDNS)	
	SW Upgrade		USB and remote software upgrade	
	NTP (Network Time Protocol)		Yes	
Power Source	Power Supply Voltage		12VDC, 5A	
Allowable Operating Temperature / Humidity			41° F – 104° F / 20% – 80% RH	
Allowable Storage Temperature			14º F – 122º F	
Weight	Unit Weight (Gross Weight)		Approx. 17 lbs.	
Dimensions	Unit Dimensions (W x H x D)		13.5" (W) x 17" (H) x 3.5" (D)	

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

WDS			
CH.	**HDD**	**Base Model**	**Built-In Monitor**
8	1TB	D8WDS1TB	D8WDSM1TB
	2TB	D8WDS2TB	D8WDSM2TB
	3TB	D8WDS3TB	D8WDSM3TB
	4TB	D8WDS4TB	D8WDSM4TB
	6TB	D8WDS6TB	D8WDSM6TB
	9TB	D8WDS9TB	D8WDSM9TB
16	1TB	D16WDS1TB	D16WDSM1TB
	2TB	D16WDS2TB	D16WDSM2TB
	3TB	D16WDS3TB	D16WDSM3TB
	4TB	D16WDS4TB	D16WDSM4TB
	6TB	D16WDS6TB	D16WDSM6TB
	9TB	D16WDS9TB	D16WDSM9TB