

<b>D4WRSM</b>	4 Channel DVR with Built-in Monitor
<b>D8WRSM</b>	8 Channel DVR with Built-in Monitor
<b>D16WRSM</b>	16 Channel DVR with Built-in Monitor

D4WRSM250	D8WRSM250	D16WRSM250
D4WRSM500	D8WRSM500	D16WRSM500
D4WRSM1TB	D8WRSM1TB	D16WRSM1TB
	D8WRSM2TB	D16WRSM2TB
	D8WRSM3TB	D16WRSM3TB
	D8WRSM4TB	D16WRSM4TB

## Features

- 4 / 8 / 16 Channel digital video recorder in covert wall mount chassis
- Built-in 7" screen allows for viewing and control at the DVR
- Easily mounts in equipment closets or electrical rooms for covert installations
- Networkable DVR with free DDNS server
- User Access: up to 4 concurrent users
- Easy and simple graphical user interface
- EZCopy, EZRecord and EZSearch
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Recording rate at 120FPS at D1
- H.264 video compression
- 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
- No accessible user controls
- Password to secure installation authorization
- Easy firmware upgrade by USB port or network
- Instant and convenient backup via USB Flash Drive or Network
- Simultaneous playback/record while continuing to network transfer or backup
- Remote monitoring/recording/playback/configuration/software upgrades and PTZ control via Internet
- Network accessible via SpecoTech Multi-Client Software, Internet Explorer Web-Viewer and Speco Player Mobile Viewer
- PC & MAC® compatible
- Digital watermarking
- 3 year warranty

- **Free Apps with support for View on iPhone®, iPad® or Android™**

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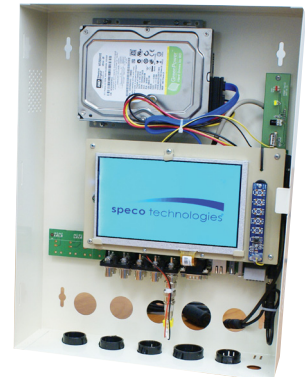
## Specifications

120FPS @ 704 x 480 (D1)  
1 Internal hard drive (D4WRSM), up to 2 internal hard drives (D8WRSM, D16WRSM)  
H.264 video compression  
4 Channel audio input, 1 Channel audio output  
Motion detection, sensor, schedule, continuous and manual recording  
Video Outputs: 1 VGA, 1 BNC (used by internal monitor), 1 SPOT  
USB 2.0 port for snapshot and video clip exporting  
Multiple language on-screen menus  
IR remote control included

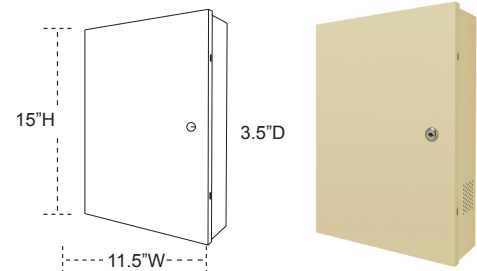
Network software supports Static IP, DHCP and DDNS  
Network hardware supports 10 / 100 / 1000Mbps  
Power Requirement: 12VDC @ 3A (D4WRSM),  
12VDC @ 5A (D8WRSM & D16WRSM)  
(power supply included)  
Operating Temperature: 41° F – 104° F  
Dimensions: 11.5" (W) x 15" (H) x 3.5" (D)  
Weight: 9 lbs.



For the latest mobile apps  
and CMS software go to:  
[www.specotech.com/DVRApps](http://www.specotech.com/DVRApps)



Inside of unit



Set-Up DVR  
Wirelessly with  
Speco's Configurator™  
iPad® App



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We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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For more information contact Speco Technologies

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# D4/D8/D16WRSM Technical Specifications:

## H.264 Multi-Channel Covert Digital Video Recorder with Built-In Monitor



ITEM		D4WRSM	D8WRSM	D16WRSM
Video	Input	Channel	4	8
		Input Level	Composite, 1.0Vp-p, 75ohm	
		Signal Format	NTSC/PAL	
		Video Loss Check	Yes	
	Output	VGA	1 VGA (1280x1024, 1024x768)	
		BNC	Internal Monitor	
		SPOT	Selectable	1 Channel
Audio	Input & Output		4 Line input & 1 Line output	
	Audio Codec		G.711 (ADPCM)	
Alarm	Sensor Input (NC/NO Selectable)		4ch (NC/NO Selectable)	
	Alarm Output		1 Alarm out by Sensor, Motion and Video Loss	
Record	Compression		H.264	
	Multi-Operation		QUADPLEX (Playback/Record/Network/Backup)	
	Resolution	D1	120fps	120fps
		Half D1	120fps	240fps
		CIF	120fps	240fps
	Recording Quality Grade		LEVEL1 (L) - LEVEL5 (H)	
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual	
	Motion Detection		Motion detection setup by Grid	
	Recording By Channel's Resolution		Yes	
	Pre-Recording		1 fps for 15 seconds to 20 minutes before an event	
	Post Recording		10 seconds to 60 seconds after an event	
Display	Frame Rate ( /Sec)		NTSC: 30fps/ch, 60 fields / PAL: 25fps/ch, 50 fields	
Playback	Multi-Decoding		1, 4	1, 4, 8
	Search Mode		Timeline, Event, Archive, Log	
Storage	HDD	Interface Type	Serial ATA	
		Capacity of 1 HDD	1 TB	2 TB
		Internal HDD Number	1	2
	Backup	USB Flash Drive	Video & Still Image	
		USB External HDD	Video & Still Image	
		Network	Video & Still Image	
	USB Port		2	
User I/F	Menu Display		GUI	
	Input Method		Mouse, IR Remote control	
RS-485	PTZ Control		1 RS-485	
Network	Dynamic DNS		Yes (Free DDNS)	
	Network Interface		10/100 base-TX Ethernet	10/100/1000 base-TX Ethernet
	Network Streaming		CIF 15fps/channel max.	
Network Access	Web viewer (1:1)		Live, Search, Backup, PTZF, Remote Setup	
	3G Mobile Viewer (1:1)		Live, Search, PTZF	
	Multi-sites Monitoring SW (1:n)		Live, Search, Backup, PTZF, Remote Setup	
Features	DLS (Day Light Saving)		Yes	
	EZRecord		Yes	
	EZCopy		Yes	
	S.M.A.R.T.		Yes	
	Internal Beep		By Video Loss, HDD Error and S.M.A.R.T.	
	Multi Language		Yes (English, Spanish, French)	
	S/W Upgrade		USB Flash drive, Remote Network	
	NTP		Yes	
Power	Power Consumption		DC 12V 3A	DC 12V 5A
Allowable Operating Temperature		41° F – 104° F, During Storage: 14° F – 122° F		
Allowable Operating Humidity		20% – 80 %		
Weight	Unit Weight		9 lbs.	
Dimensions	Unit Dimensions (W x H x D)		11.5" x 15" x 3.5"	

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

For a list of patents that protect, or may protect this product, please refer to [www.specotech.com/patents](http://www.specotech.com/patents)

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