speco technologies®
simply unique.

H.264 Multi-Channel Digital Video Recorder

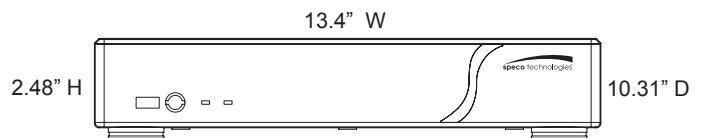**D4RS** 4 Channel
D8RS 8 Channel
D16RS 16 Channel

D4RS250	D8RS250	D16RS250
D4RS500	D8RS500	D16RS500
D4RS1TB	D8RS1TB	D16RS1TB
	D8RS2TB	D16RS2TB

S.M.A.R.T.

PC/Mac compatible

Works with iPhone

For the latest mobile apps and CMS software go to:
www.specotech.com/DVRApps

Features

- 4 / 8 / 16 Channel Digital Video Recorder
- Networkable DVR with free DDNS server
- 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
- 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

13.4" W
2.48" H
10.31" D

- User Access: up to 4 concurrent users
- 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 and MAC® compatible
- Digital watermarking
- 3 year warranty
- Free Apps with support for View on iPhone®, iPad® or Android™
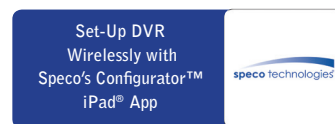
Specifications

120FPS @ 704 x 480 (D1)
1 Internal hard drive
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, 1 SPOT
USB 2.0 port for snapshot and video clip exporting
Multiple language on-screen menus
IR remote control included

Password to secure installation authorization
Network software supports Static IP, DHCP and DDNS
Network hardware supports 10/100/1000Mbps

Power Requirement: 12VDC @ 3A (D4RS),
              12VDC @ 5A (D8RS & D16RS)
Operating Temperature: 41° F - 104° F
Dimensions: 13.4" (W) x 2.48" (H) x 10.31" (D)
Weight: 3.3 lbs.

Optional Accessory

ERS1V
Vented Rack Shelf

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

Speco Technologies is constantly developing and improving products.
We reserve the right to modify product design and specifications without notice and without incurring any obligation.   Rev. 2/22/12

For more information contact Speco Technologies
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www.specotech.com

D4/D8/D16RS Technical Specifications:
H.264 Multi-Channel Channel Digital Video Recorder

speco technologies®

ITEM			D4RS	D8RS	D16RS
Video	Input	Channel	4	8	16
		Input Level	Composite, 1.0Vp-p, 75ohm		
		Signal Format	NTSC/PAL		
		Video Loss Check	Yes		
	Output	VGA	1 VGA (1280x1024, 1024x768)		
		BNC	Selectable	1 Channel	
		SPOT		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	120fps
		Half D1	120fps	240fps	240fps
		CIF	120fps	240fps	480fps
	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	1, 4, 8, 16
	Search Mode		Timeline, Event, Archive, Log		
Storage	HDD	Interface Type	Serial ATA		
		Capacity of 1 HDD	1 TB	2 TB	
		Internal HDD Number	1		
		ESATA	-	1	
	Backup	USB Flash drive	Video & Still Image		
		USB External HDD	Video & Still Image		
		Network	Video & Still Image		
	USB Port		2 (Front 1, Rear 1)		
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 Supply Voltage		DC 12V 3A	DC 12V 5A	
	Allowable operation temperature		41° F - 104° F, During storage: 14° F - 122° F		
	Allowable operation humidity		20 - 80 %		
Weight	RS Unit Weight (Gross weight)		3.3lbs. (6.6lbs.)		
Dimension	RS Unit Dimension (W x H x D)		13.4" x 2.48" x 10.31"		

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