

D8DS 8 Channel 960H DVR with Digital Deterrent®
D16DS 16 Channel 960H DVR with Digital Deterrent®

D8DS500	D8DS4TB	D16DS500	D16DS4TB
D8DS1TB	D8DS6TB	D16DS1TB	D16DS6TB
D8DS2TB	D8DS9TB	D16DS2TB	D16DS9TB
D8DS3TB		D16DS3TB	



Features

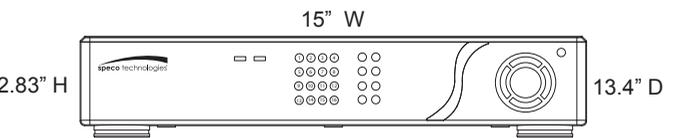
- EZ Setup:** for quick system setup
- EZ Network:** for quick set-up on a network
- EZ Search:** quickly search events from thumbnails
- EZ Record:** quickly setup recording resolutions and recording type
- EZ Copy:** auto copy what you are playing onto a USB flash drive

- H.264 video compression
- Networkable DVR with free 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
- 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

Specifications

Recording Rate: 240FPS / 480FPS @ 960H/D1
3 internal hard drives
8/16 channel audio input, 1 channel audio output
Motion detection, sensor, schedule, continuous and manual recording
Video Outputs: 1 HDMI, 1 VGA, 1 MAIN, 1 SPOT
USB 2.0 port for snapshot and video clip exporting
Multiple language on-screen menus

Storage from 500GB up to 9TB
For the latest mobile apps and CMS software go to:
www.specotech.com/DVRApps



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
- Supports multiple PC based browsers such as Internet Explorer, Google Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, Secure Guard® CMS, Internet Explorer Web-Viewer and Speco Player Mobile Viewer
- Rack mountable (hardware included)
- 3 year warranty
- Free Apps with support for view on iPhone®, iPad® or Android™
iPhone and Android are trademarks of Apple & Google respectively.

IR remote control and mouse included
Network software supports Static IP, DHCP and DDNS
Network hardware supports 10/100/1000Mbps
Power Requirement: 12VDC @ 5A
Operating Temperature: 41° F – 104° F
Dimensions: 15" (W) x 2.83" (H) x 13.4" (D)
Weight: 12 lbs.

Also available in covert wall mount versions D8WDS and D16WDS in Q2 2013!

Optional Accessories



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit



DSWFUSB
USB Wireless Access Point

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.

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For more information contact Speco Technologies
200 New Highway, Amityville, NY 11701 • Toll Free: 1-800-645-5516 • Fax: 631-957-9142 or 631-957-3880
www.specotech.com

D8DS/D16DS Technical Specifications: DS Digital Video Recorder with 960H Real-Time Recording



ITEM		D8DS	D16DS	
Video	Input	Channel	8 channels	
		Input Level	1.0Vp-p, 75 Ohm	
	Output	HDMI	1 HDMI (720p, 1080p)	
		VGA	1 VGA (720p, 1080p)	
	BNC	1 Main, 1 Spot		
Audio	Input & Output	8 ch. input & 1 ch. output	16 ch. input & 1 ch. output	
Alarm	Sensor Input (NC/NO Selectable)		4ch (NC/NO Selectable)	
	Alarm Output		1 Alarm out by Sensor, Motion, S.M.A.R.T. and Video Loss	
Record	Compression		H.264 (high profile)	
	Multi-Operation		QUADPLEX (Playback / Record / Network / Backup)	
	Resolution	960H	240fps	480fps
		D1	240fps	480fps
		CIF	240fps	480fps
	Recording Quality Grade		LEVEL1 (L) – LEVEL5 (H)	
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual	
	Motion Detection		Motion detection setup by Grid	
	Configure Record Settings Per Channel		Yes	
	Pre-Recording		15 seconds to 20 minutes before an event	
Post Recording		10 seconds to 60 secs after an event		
Display	Frame Rate (/Sec)		NTSC: 30fps/ch, 60 fields	
Playback	Multi-Decoding		1, 4, 9, 16	
	Playback Speed	Single Channel	x 0.25, 0.5, 2, 4, 8, 16, 32, 64	
		Multi-Channel	1, 4, 8	1, 4, 9, 16
	Search Mode		EZSearch, Timeline, Event, Archive, Log	
Storage	HDD	Interface Type	Serial ATA	
		Capacity of 1 HDD	3TB	
		Internal HDD Number	3	
	ESATA		1	
	Export	USB Flash Drive	Snapshot & Video Export	
		Large Backup (up to 24 hr.)	Snapshot & Video Export (NSF only)	
Network		Snapshot & Video Export		
USB Port		3 (2 Front, 1 Rear)		
User I/F	Menu Display		GUI	
	Input Method		Front Panel Buttons, Mouse, IR Remote Control	
Serial Port	RS-232		Unused	
	RS-485		PTZ Control	
	Termination		No	
Network	Dynamic DNS		Free (Speco DDNS Server)	
	Network Interface		10/100/1000 base-TX Ethernet (RJ-45)	
	Network Streaming		CIF 240fps / QCIF 240fps	CIF 480fps / QCIF 480fps
Network Access	Web Viewer (Single Site)		Live, Search, Backup, PTZF Control, Remote Setup/Upgrade	
	Smartphone Viewer (Single Site)		Live, Search, PTZF Control, 2-Way Audio	
	CMS Software (Multi-Site)		Live, Search, Backup, PTZF Control, Remote Setup/Upgrade	
	PC Web Viewer		Windows (IE, Chrome, Firefox, Safari)	
	PC Client		SpecoTech Multi-Client Viewer and Secure Guard® CMS	
MAC Client		Speco Client for MAC and Secure Guard® CMS		
Features	Digital Deterrent®		Up to 8 audio files	
	Digital Zoom		Yes	
	DLS (Day Light Saving)		Yes	
	EZRecord		Yes	
	S.M.A.R.T		Yes	
	Internal Beep		By Video Loss, HDD error	
	Multi-Language		English/Spanish/French	
	S/W Upgrade		USB and Remote Software Upgrade	
	NTP (Network Time Protocol)		Yes	
	Smart Phone Viewer		iPhone® / Android™	
Power Source	Power Supply Voltage		12VDC 5A	
Allowable Operating Temperature		41° F – 104° F		
Weight	Unit Weight (gross weight)		12 lbs.	
Dimensions	Unit Dimensions (W x H x D)		15" (W) x 2.83" (H) x 13.4" (D)	

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

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