speco technologies®

DS Digital Video Recorder with 960H Real-Time Recording

D8DS 8 Channel 960H Digital Video Recorder
D16DS 16 Channel 960H Digital Video Recorder

Storage	1TB – 9TB

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

Front panel

Rear panel

D8DS shown

15" (W) x 13.4" (D)

2.83" (H)

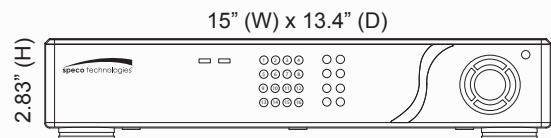## Features

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 BNC, 1 Spot
- 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
- Covert camera operation provides enhanced security and administrator control

- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- 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, Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® CMS and Speco Player Mobile Viewer
- Rack mountable (hardware included)
- 3 year warranty

Optional Accessories

ERS1V
Vented Rack Shelf

IRRPTKIT
IR Repeater Kit

DSWFUSB
USB Wireless Access Point

ITEM			DS	
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		Front Buttons, 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)		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.