

## LS Digital Video Recorder with Looping Outputs

**D8LS** 8 Channel Digital Video Recorder

**D16LS** 16 Channel Digital Video Recorder

**Storage** 500GB – 6TB

D8LS500	D8LS4TB	D16LS500	D16LS4TB
D8LS1TB	D8LS6TB	D16LS1TB	D16LS6TB
D8LS2TB		D16LS2TB	

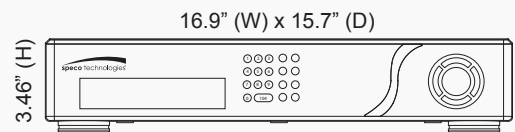


Front panel



Rear panel

D8LS shown



### Specifications

**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 VGA, 1 BNC, 1 Spot
- 8/16 BNC loopouts
- Auto port forwarding (uPnP) and SSL encryption
- 2-way audio communication
- 4 channel audio recording and 1 channel audio playback
- Built-in DVD RW drive
- Self-diagnostics with automatic notification including hard disk drive S.M.A.R.T. protocol
- Free Speco DDNS service for use with dynamic IP addresses
- MAC® & PC compatible software included
- POS/ATM support with text overlay and searchable database
- SNS communication alert via Twitter™
- Remote monitoring, recording, playback, change system settings and dome camera control via network and/or internet

- Multiple analytics such as museum search and advanced motion detection
- Free Central Management System (Speco Central) software allows viewing of multiple DVRs on a PC
- User Access: up to 10 concurrent users
- Playback while watching live on same monitor
  - Up to 30 minutes pre-alarm recording
  - Up to 15 minutes post-alarm recording
- Password to secure installation with configurable user authentication levels
- Rack mountable (hardware included)
- SecureGuard® compatible
- 3 year warranty

### Free Apps with support for view on most smart devices

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### Optional Accessories



**LSPSWMKIT**  
Wall Mounting Kit



**IRRPTKIT**  
IR Repeater Kit

ITEM			D8LS	D16LS	
Video	Input	Channel	8	16	
		Input Level	Composite 1.0Vp-p / 75 ohms		
		Signal Format	NTSC / PAL		
		Video Loss Check	Yes		
	Output	VGA	1 VGA (1280x1024 / 1024x768 / 800x600)		
		BNC Spot	1 channel sequence		
Loopout		8 analog	16 analog		
Audio	Input		4 line		
	Output		1 line		
	Audio Codec		G.711		
Alarm	Serial Input (NC/NO Selectable)		8	16	
	Alarm Output		2 alarm out by sensor, motion and video loss		
Serial	RS-232	POS	1		
	RS-485	PTZ/POS	1		
Recording	Compression		H.264		
	Multi-Operation		Quadplex (play, record, network, backup)		
	Resolution	Analog	D1	60fps	120fps
			2 CIF	120fps	240fps
			CIF	240fps	480fps
	Recording Mode		Continuous / Schedule / Motion / Sensor / Panic		
	Motion Detection		Motion detection grid		
	Recording by Channel's Resolution		Yes		
	Pre-Recording		5 seconds to 30 minutes before an event		
Post Recording		5 seconds to 30 minutes after an event			
Playback	Multi-Decoding		1, 4, 9, PIP	1, 4, 9, 16, PIP	
	Search Mode		Date/Time, Record Table, Calendar, Event, Motion, Museum, Text-in, EZ Search		
Storage	HDD	Interface Type	SATA 2.0		
		Capacity of 1 HDD	2TB		
		Internal HDD Number	3		
	Backup	USB Flash Drive	Video & Still Image		
		USB External HDD	Video & Still Image		
		Network	Video & Still Image		
USB Port		2 front			
Network	Interface		10/100Base-TX Ethernet		
	Streaming		CIF 120fps (analog) / depends on profile (IP)		
Network Access	Mobile Viewer		Speco Mobile (Live, Search, PTZ, 2-Way Audio)		
	PC Web Viewer		Internet Explorer (Live, Search, Backup, PTZ, Remote Setup)		
	PC Client		Speco Central and SecureGuard® (Live, Search, Backup, PTZ, Remote Setup)		
	MAC Client		Speco Remote for MAC and SecureGuard® (Live, PTZ)		
Features	Digital Deterrent®		Default + up to 16 custom audio files		
	Digital Zoom		Live: x2, x4 / Playback: x2, x4		
	DLS (Daylight Savings)		Yes		
	EZ Record		Yes		
	S.M.A.R.T		Yes		
	Internal Beep		Yes		
	Multi-Language		English, French, Spanish		
	Dynamic DNS		Yes (free Speco DDNS)		
	SW Upgrade		USB and remote software upgrade		
	Email Notification		Yes		
NTP (Network Time Protocol)		Yes			
Power Source	Power Supply Voltage		12VDC, 5A		
Allowable Operating Temperature / Humidity			41° F – 104° F / 0% – 90% RH		
Allowable Storage Temperature			14° F – 122° F		
Weight	Unit Weight (Gross Weight)		16.8 lbs.		
Dimensions	Unit Dimensions (W x H x D)		16.9" (W) x 3.46" (H) x 15.7" (D)		

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