



<b>D8LS</b>	8 Channel DVR with Digital Deterrent™
<b>D16LS</b>	16 Channel DVR with Digital Deterrent™

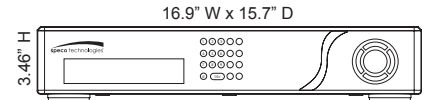
D8LS500	D8LS4TB	D16LS500	D16LS4TB
D8LS1TB	D8LS6TB	D16LS1TB	D16LS6TB
D8LS2TB		D16LS2TB	



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



**Storage from 500GB up to 6TB**



## 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

- 8 or 16 composite video input connectors
- Multiple monitor connectors: 1 BNC Video Out, 1 Spot, 1 VGA
- Multiple search engines (date/time, calendar, record table, event, motion, museum)
- Auto Port Forwarding (uPnP) and SSL encryption
- User-friendly Graphical User Interface (GUI) menu and mouse user interface system
- Multiple recording modes (time-lapse, pre-event, alarm, motion, text-in and panic)
- 2-way audio communication
- 4 Channel audio recording and 1 channel audio playback
- Time synchronization using industry standard protocol
- Built-in DVD RW Drive
- Self-diagnostics with automatic notification including hard disk drive S.M.A.R.T. protocol
- Automatic O/S recovery
- H.264 recording
- Free Speco DDNS service for use with dynamic IP addresses
- MAC® & PC compatible software included
- POS/ATM support with text overlay and searchable database
- Simultaneous live view or playback while continuing to record, network transfer
- Text message alerts of system activity and status
- Remote monitoring, recording, playback, change system settings and dome camera control via network and/or Internet
- Real time live display
- IR Remote control included - individually control up to 16 DVRs
- Multiple analytics such as museum search and advanced motion detection
- USB 2.0 port for video clip exporting



### 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

- Configurable per channel normal and event recording frame rate and picture quality or globally via EZ record
- Easy software upgrade via Network or USB Flash drive
- Full system monitoring
- Free Central Management System (Speco Central) software allows viewing of multiple DVRs on a PC
- User Access: up to 10 concurrent users
- Per channel built-in PTZ camera protocol including Pelco D
- Automatic camera detection (Plug & Play)
- Digital zoom in live mode and playback
- Covert camera operation provides enhanced security and administrator control
- Playback while watching live on same monitor
  - Up to 30 minutes pre-alarm recording
  - Up to 15 minutes post-alarm recording
- Hard drive status monitoring
- Remote upgrade
- USB mouse supported (not included)
- Multiple language on-screen menus
- Password to secure installation with configurable user authentication levels
- Rack mountable
- 3 year warranty
- **Free Apps with support for view on smartphones**  
iPhone and Android are trademarks of Apple & Google respectively. Blackberry is registered to RIM.

## Specifications

Recording rate up to 480FPS

Simultaneous live view or playback while continuing to record, network transfer

Email notification of alarm events

DVR supports static IP, DHCP, PPPoE and DDNS

Power Consumption: AC100 - 240 V - 50/60Hz, 1.2 - 0.6A

Power Supply - UL power supply included

Operating Temperature: 41° F – 104° F

Dimensions: 16.9" (W) x 3.46" (H) x 15.7" (D)

Weight: 16.76 lbs.

## Optional Accessory



**LSPSWMKIT**  
Wall Mounting Kit



**IRRPTKIT**  
IR Repeater Kit

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. 1/22/13

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](http://www.specotech.com)

## Technical Specifications: LS H.264 DVR with Looping Outputs



### EZSetup Wizard

One click Wizard guides you to setup essentials of the system in a logical and easy-to-understand sequence.

- Date/Time Setup
- Recording Method Setup
- Recording Video Quality Setup
- Network Setup

### Applications

#### Speco Central

Remote software providing 64 cameras live/ playback, event monitoring, local recording, E-map and device management.

#### Speco Mobile

Remote monitoring software running on mobile devices like Android™, Blackberry®, iPhone®, iPad® and iTouch®.

#### Speco Remote

Web based remote monitoring software which can be downloaded from web browsers in ActiveX format.

#### Speco Player

Self executable video player containing non-alterable recorded data from the DVR.

Model Name	D8LS	D16LS
Video Inputs	8	16
Video Outputs	1 BNC, 1 VGA, 1 SPOT	1 BNC, 1 VGA, 1 SPOT
Display Resolution	720 x 480	
Loop Out	8	16
RECORD & PLAYBACK		
Compression	H.264	
Recording Rate	240 fps @ CIF / 120 fps @ 2CIF / 60 fps @ D1	480 fps @ CIF / 240 fps @ 2CIF / 120 fps @ D1
Playback Rate	240 fps @ CIF	480 fps @ CIF
Recording Mode	Time-Lapse, Event, Pre-Event (up to 30 min), Text-In, Panic	
Search Mode	Date/Time, Record Table, Calendar, Event, Motion, Museum, Text-In	
SYSTEM		
Operating System	Embedded Linux	
Firmware Base	XDR Type	
Storage	Max. 4 HDD	
Data Export	USB (HDD, Flash Drive), SATA DVD±RW	
NETWORK		
Connection	Ethernet	
Protocols	Manual, ADSL, DHCP, DDNS	
Remote Software	Speco Central, Speco Remote	
Max Transmission Rate	120 CIF	
INTERFACE		
Audio In / Out	RCA 4/1	
Alarm In / Out	8 / 1 (relay, NO)	16 / 1 (relay, NO)
Serial Interface	RS232, RS485	
External Interface	2 x USB 2.0	
User Interface	Front Buttons, Mouse, IR Remote Control	
OTHER		
Dimensions (W x H x D)	16.9" x 3.46" x 15.7", 2U, Rack Mount	
Unit Weight	16.76 lbs.	16.76 lbs.
Operating Temperature	41° F – 104° F	
Operating Humidity	0% – 90%	
Power	AC 100-240 V, 50/60Hz, 1.2 - 0.6A	
Approvals	FCC, UL, CE, CB	

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

**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 Website: [www.specotech.com](http://www.specotech.com)**

Rev. 1/22/13

iPad, iPhone, iPod, iPod classic, iPod nano, iPod shuffle, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.