speco technologies®
simply unique.

LS H.264 DVR
with Looping Outputs

D8LS   8 Channel DVR with Digital Deterrent™

D16LS   16 Channel DVR with Digital Deterrent™

D8LS500 / 1TB / 2TB / 4TB / 6TB
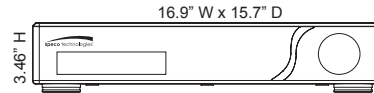
D16LS500 / 1TB / 2TB / 4TB / 6TB

Features

View on iPhone®, Blackberry® or Android®

- 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)
- EZ Setup Wizard
- 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)
- Two-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
- Recording rate up to 480 fps
- 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
- Easy software upgrade via Network or USB Flash drive
- Configurable per channel normal and event recording frame rate & picture quality or globally via EZ record
- Full system monitoring
- Free Central Management System (Speco Central) software allows viewing of multiple DVRs on a PC
- Email notification of alarm events
- Free iPhone® app available from iTunes

Storage from 500GB up to 6TB

16.9" W x 15.7" D

3.46" H

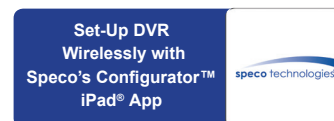**PC/Mac® compatible**   **BlackBerry®**   **Works with iPhone®**

- 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 and keyboard supported (not included)
- Multiple language on-screen menus
- Password to secure installation with configurable user authentication levels
- DVR supports static IP, DHCP, PPPoE and DDNS
- Power consumption: AC100-240 V - 50/60Hz, 1.2 - 0.6A
- Operating temperature: 41° F to 104° F
- Dimensions: 16.9" W x 3.46" H x 15.7" D
- Weight: 16.76 lbs.
- 3 year warranty

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

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. 9/6/11

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www.specotech.com

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 and Blackberry.

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.

Speco Mobile-I
Remote monitoring software for iPhone and iTouch.

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 / 240 fps@2CIF / 120 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, FlashDrive), 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, Remote Keyboard	
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.