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	D8LS4TB	D16LS500	D16LS4TB
D8LS1TB	D8LS6TB	D16LS1TB	D16LS6TB
D8LS2TB		D16LS2TB	

Features

View on iPhone®, iPad®, 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, EZ Network, EZ Record, EZ Search
- 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 480FPS
- 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 and 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
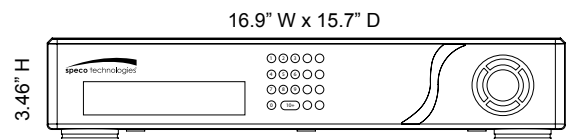- User Access: up to 10 concurrent users

Storage from 500GB up to 6TB

For the latest mobile apps and CMS software go to: www.specotech.com/DVRApps

16.9" W x 15.7" D

3.46" H

- 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
- DVR supports static IP, DHCP, PPPoE and DDNS
- Power Consumption: AC100 - 240 V - 50/60Hz, 1.2 - 0.6A
- Operating Temperature: 41° F – 104° F
- Dimensions: 16.9" (W) x 3.46" (H) x 15.7" (D)
- Weight: 16.76 lbs.
- Rack mountable
- 3 year warranty
- Free smartphone apps available
  iPhone, iPad and Android are trademarks of Apple Inc. and Google, registered in the U.S. and other countries. Blackberry is registered to RIM.

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

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. 7/19/12

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, 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	
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.