

LX Hybrid Digital Video Recorder with Looping Outputs

D12LX 8 Ch. 960H Analog + 4 Ch. IP Hybrid Digital Video Recorder

D20LX 16 Ch. 960H Analog + 4 Ch. IP Hybrid Digital Video Recorder

Storage 1TB - 9TB

D12LX1TB	D12LX6TB	D20LX1TB	D20LX6TB
D12LX2TB	D12LX9TB	D20LX2TB	D20LX9TB
D12LX3TB		D20LX3TB	
D12LX4TB		D20LX4TB	



Front panel

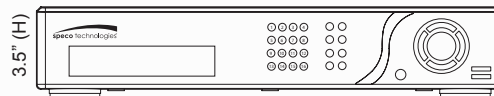


Rear panel

D20LX shown



17" (W) x 15.7" (D)



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

- 8 or 16 analog channels (960H) + 4 IP channels (1080p)
- ONVIF support*
- Video Out: 1 HDMI®, Loop Out, 1 Spot, 1 VGA
- Multiple search engines (date/time, calendar, record table, event, motion, museum)
- Auto port forwarding and SSL encryption
- 2-way audio communication
- Digital Deterrent® for triggering audio message via motion detection or sensor
- Built-in DVD RW drive
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Free Speco DDNS service for use with dynamic IP addresses
- MAC® & PC compatible software included
- SNS communication alert via Twitter™
- Remote monitoring, recording, playback, change system settings and dome camera control via network
- IR remote control included - individually control up to 16 DVRs

- USB 2.0 port for video clip exporting
- 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
- Concurrent User Connections: Admin (2), Watch (10), Search (2)
- 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 30 minutes post-alarm recording
- USB mouse supported (not included)
- Password to secure installation with configurable user authentication levels
- Rack mountable (hardware included)
- SecureGuard™ Plus compatible
- 3 year warranty

Free Apps with support for view on most smart devices

*Visit www.specotech.com/onvif.html for latest ONVIF support. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. BlackBerry is registered to BlackBerry. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. 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. Spec Rev. 1/21/15



Optional Accessories



LSPSWMKIT
Wall Mounting Kit



IRRPTKIT
IR Repeater Kit

ITEM			D12LX	D20LX	
Video	Input	Channel	8 analog + 4 IP	16 analog + 4 IP	
		Input Level	Composite 1.0Vp-p / 75 ohms		
		Signal Format	NTSC / PAL		
		Video Loss Check	Yes		
	Output	HDMI®	1 HDMI (1280x1024 / 1440x900 / 1920x1080)		
		VGA	1 VGA (1280x1024 / 1440x900 / 1920x1080)		
		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	960H	240fps	288fps
			D1	240fps	480fps
			CIF	480fps	480fps
		IP	720p	120fps	
			1080p	70fps	
	Recording Mode		Cont / 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, 6, 9, 12, PIP	1, 4, 6, 9, 12, 16, 20, PIP	
	Search Mode		Date/Time, Record Table, Calendar, Event, Motion, Museum, EZ Search		
Storage	HDD	Interface Type	SATA 2.0		
		Capacity of 1 HDD	3TB		
		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		10/100/1000Base-TX Ethernet		
	Streaming		CIF120fps (analog) / depends on profile (IP)		
	IP Camera Throughput		24 Mbps		
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 II and SecureGuard™ Plus (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, x3, 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)		17.9 lbs.		
Dimensions	Unit Dimensions (W x H x D)		17" (W) x 3.5" (H) x 15.7" (D)		

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