



4 Ch. Plug & Play Network Video Recorder and IP Camera Kit

ZIPL4D1

4 Channel NVR with 4 Channel Built-In PoE, 1TB
4 Full HD 2MP Outdoor IR Dome Cameras

ZIPL4B1

4 Channel NVR with 4 Channel Built-In PoE, 1TB
4 Full HD 2MP Outdoor IR Bullet Cameras



Part Numbers for Kit Contents	
Recorder	N4NSL1TB
Cameras	O3VLD1K (dome) O3VLB3K (bullet)



Front panel



Rear panel

ZIPL8BD2 shown



Key Recorder Features

EZ Wizards - For ease of use and setup

Camera: quickly discovers and installs IP cameras

Setup: for setup of general settings

Network: network setup and port forwarding

Record: setup recording resolutions and recording type

Search: search for events from thumbnails

Copy: copy what you are playing onto a USB flash drive

- Built-In PoE IEEE 802.3af
- Video Out: 1 HDMI®, 1 VGA
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- **Free U.S.-Based DDNS Server Access**
- 5 year limited warranty²

Additional Recorder Features

- Full HD (1920 x 1080) recording and playback
- Digital Deterrent® for triggering audio message via motion detection or sensor
- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Supports multiple PC based browsers such as Internet Explorer and Firefox
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® VMS and Speco Player Mobile Viewer
- IR remote control and mouse included
- PC and MAC® compatible

Camera Features

- 2.8mm fixed lens
- Full HD 1080p @ 30fps
- Max 3MP @ 20fps
- Standard PoE
- True Day/Night operation
- IR LED operation
- IP67 compliant, weather resistant
- 5 year warranty

Camera Specifications

Image Sensor	1/3" CMOS, 3MP
Maximum Resolution	2304 x 1296
Minimum Illumination	0 lux @F2.0 (IR on) / 0.37 lux @F2.0 (IR off)
S/N Ratio	50dB
Motion Detection	Yes
Day/Night	IR-cut filter
DNR	3D
IR Range	98' (depending on scene reflection)

Camera Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	4W
Operating Temperature	-20°F - 140°F
Camera Weight	Dome: 1 lb. / Bullet: 13 oz.
Camera Dimensions	Dome: 4.33" (Dia.) x 3.19" (H) Bullet: 2.75" (Dia.) x 6.49" (L)
NVR Weight	4 lbs.
NVR Dimensions	11.7" (W) x 2" (H) x 8.25" (D)

Optional Accessories



ERS1V
Vented Rack Shelf



POE16SW18
16 PoE Port 10/100
802.3af/ at Switches

¹For supported IP camera models. ²Limited Warranty/Hard drives excluded. Check www.specotech.com for more details. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. 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. 10/31/17





Technical Specifications: Plug & Play Network Video Recorder

Model			NSL
Video	Input	Max. IP Channels	4
		Resolution	Max. 1920 x 1080
	Output	HDMI®	1 HDMI (1280 x 720, 1920 x 1080)
		VGA	1 VGA (1280 x 720, 1920 x 1080)
Audio	Input	IP Camera (Network)	4
	Output	Local Output (RCA)	1
	Audio Codec		G.711
Recording	Compression		H.264 (baseline, main and high profile)
	Resolution	1080p	120fps
		720p	120fps
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual / Continuous + Motion / Continuous + Sensor
	Pre-Recording		Max. 20 minutes
	Post Recording		Max. 60 seconds
Playback	Search		EZSearch, Date/Time, Event, Archive, Log
	Multi-Decoding		1, 4
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64
Backup	Media		USB Drive, External HDD, Network
	File Format		BMP, AVI, Proprietary Format
	Large Backup		Yes (max. 24 hours)
Storage	HDD	Capacity of 1 HDD	1TB
		Internal HDDs	1
	USB	Front	1
		Rear	1
User I/F	Input Method		IR, Mouse, Keyboard Controller
Event	Sensor In	IP Camera (Network)	4
		Local Input (Terminal Block)	None
	Local Alarm Output (Terminal Block)		None
Motion Detection (From IP Camera)		Yes	
Network	LAN (IP Camera, Auto Connection)		4 (802.3af PoE)
	WAN (IP Camera, Remote Access)		10/100Base-T
	Protocols		TCP/IP, UDP, DHCP, HTTP, NTP, SMTP, RTP, RTSP
	Max. Throughput		10Mbps
Network Access	Mobile Viewer		iPad® / iPhone® / Android™
	PC Web Viewer		Internet Explorer, Firefox
	PC Client		SpecoTech Multi-Client Viewer and SecureGuard® VMS
	MAC Client		Speco Client for MAC and SecureGuard® VMS
	Remote Setup and Upgrade		Yes
Features	Digital Deterrent®		Default + up to 8 audio files
	Digital Zoom		Yes
	DLS (Daylight Savings)		Yes
	S.M.A.R.T		Yes
	Internal Beep		Yes
	Multi-Language		Yes
	Dynamic DNS		Yes (free Speco DDNS)
	Email Notification		Yes
NTP (Network Time Protocol)		Yes	
Power Source	Power Supply Voltage		48VDC, 1.2A
Allowable Operating Temperature			41° F - 104° F
Allowable Storage Temperature			14° F - 122° F
Weight	Unit Weight (Gross Weight)		4 lbs.
Dimensions	Unit Dimensions (W x H x D)		11.7" (W) x 2" (H) x 8.25" (D)

Please note that specifications and unit exterior design are subject to change without notification. Rev. 10/31/17



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