speco technologies®

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

IP **IR** **DIGITAL DETERRENT** **EZ SEARCH** **EZ WIZARDS** **S.M.A.R.T.**

ZIPL4D1
4 Channel NVR with 4 Channel Built-In PoE, 1TB
4 Full HD 1080p Outdoor IR Dome Cameras

ZIPL4B1
4 Channel NVR with 4 Channel Built-In PoE, 1TB
4 Full HD 1080p Outdoor IR Bullet Cameras

Front panel   Rear panel   ZIPL8BD2 shown

11.7" (W)   2" (H)   8.25" (D)
4.8" (Dia.)   2.17" (H)
6.25" (L)   2.64" (Dia.)
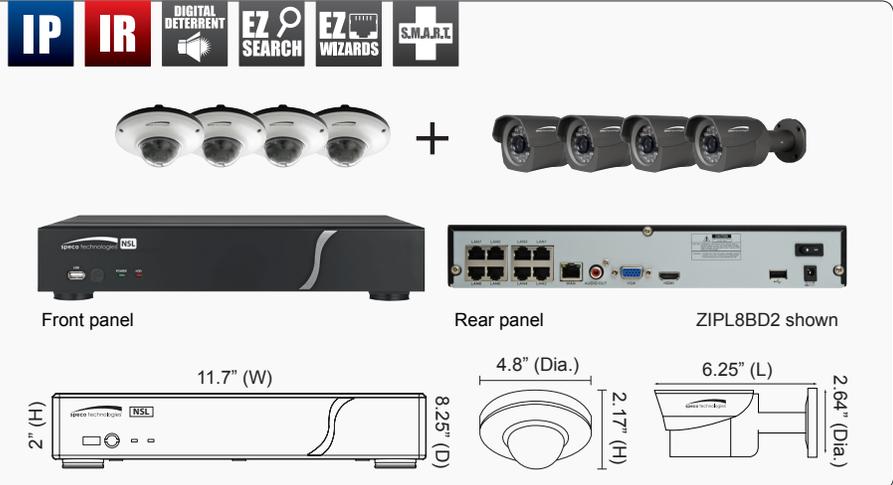
NVR Features

EZ Wizards
- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto 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
- Network video recorder with free Speco DDNS server
- Digital Deterrent® for triggering audio message via motion detection or sensor
- Full HD (1920 x 1080) recording and playback
- 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, Google Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, SecureGuard™ Plus CMS and Speco Player Mobile Viewer
- IR remote control and mouse included
- PC and MAC® compatible
- 3 year warranty

Camera Features

- Full HD 1080p
- 3.7mm fixed lens
- Real-time video up to 30fps
- PoE IEEE 802.3af
- Dual streaming
- Weather/vandal resistant
- IP66 compliant
- 2 year warranty

Camera Specifications
Image Sensor	1/2.8" 2.1MP CMOS
Resolution	1080p/720p
Minimum Illumination	0 lux @F2.0 (IR on) / 0.1 lux @F2.0 (IR off)
S/N Ratio	50dB
Motion Detection	Yes
Day/Night	IR-cut filter
DNR	2D/3D Automatic

Camera Specifications (continued)
Number of IR LEDs	Dome: 12 / Bullet: 24
IR Range	Dome: 30' (depending on scene reflection) Bullet: 50' (depending on scene reflection)

Operating & Unit Specifications
Power Supply	PoE or 12VDC (power supply not included)
Power Consumption	Dome: 500mA (IR on) / Bullet: 360mA (IR on)
Operating Temperature	-4° F - 122° F
Camera Weights	Dome: 14.40 oz. / Bullet: 15.36 oz.
Camera Dimensions	Dome: 4.8" (Dia.) x 2.17" (H) / Bullet: 2.64" (Dia.) x 6.25" (L)
NVR Weight	4 lbs.
NVR Dimensions	11.7" (W) x 2" (H) x 8.25" (D)

Available on the App Store   ANDROID APP ON Google play   HDMI®

Optional Accessories

ERS1V
Vented Rack Shelf

IRRPTKIT
IR Repeater Kit

Model			ZIPL4D1 / ZIPL4B1
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, Chrome, Firefox, Safari
		PC Client	SpecoTech Multi-Client Viewer and SecureGuard™ Plus CMS
		MAC Client	Speco Client for MAC and SecureGuard™ CMS
		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.