

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

### ZIPL84D2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
4 Full HD 1080p Outdoor IR Dome Cameras

### ZIPL84B2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
4 Full HD 1080p Outdoor IR Bullet Cameras

### ZIPL88D2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
8 Full HD 1080p Outdoor IR Dome Cameras

### ZIPL88B2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
8 Full HD 1080p Outdoor IR Bullet Cameras

### ZIPL8BD2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
4 Full HD 1080p Outdoor IR Dome Cameras,  
4 Full HD 1080p Outdoor IR Bullet Cameras

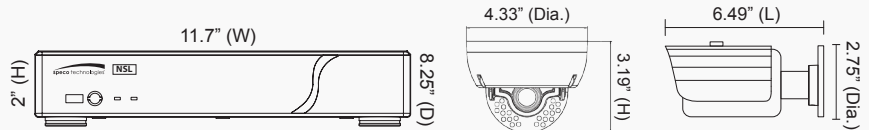


Front panel



Rear panel

ZIPL8BD2 shown



## 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 Explore 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
- 5 year warranty<sup>1</sup>

## Camera Features

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

### Camera Specifications

Image Sensor ..... 1/3" CMOS, 3MP  
Max Resolution..... 2304x1296  
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)

### Operating & Unit Specifications

Power Supply ..... PoE or 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)

<sup>1</sup>Hard drives excluded. 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. 2/17/17

## Optional Accessories



ERS1V  
Vented Rack Shelf



IRRPTKIT  
IR Repeater Kit

Model			ZIPL84D2 / ZIPL84B2 / ZIPL88D2 / ZIPL88B2 / ZIPL8BD2
Video	Input	Max. IP Channels	8
		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)	8
	Output	Local Output (RCA)	1
	Audio Codec		G.711
Recording	Compression		H.264 (baseline, main and high profile)
	Resolution	1080p	240fps
		720p	240fps
	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, 8
	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	2TB
		Internal HDDs	1
	USB	Front	1
		Rear	1
User I/F	Input Method		IR, Mouse, Keyboard Controller
Event	Sensor In	IP Camera (Network)	8
		Local Input (Terminal Block)	None
	Local Alarm Output (Terminal Block)		None
	Motion Detection (From IP Camera)		Yes
Network	LAN (IP Camera, Auto Connection)		8 (802.3af PoE)
	WAN (IP Camera, Remote Access)		10/100Base-T
	Protocols		TCP/IP, UDP, DHCP, HTTP, NTP, SMTP, RTP, RTSP
	Max. Throughput		20Mbps
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, 2.0A
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.