

## 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 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 Camera:** quickly discovers and installs IP cameras

**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)

### Free Apps with support for view on most smart devices

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### Optional Accessories



ERS1V  
Vented Rack Shelf



IRRPTKIT  
IR Repeater Kit

# Technical Specifications: 8 Ch. Plug & Play Network Video Recorder and IP Camera 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, 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
Power Source	NTP (Network Time Protocol)		Yes
	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.