

## 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

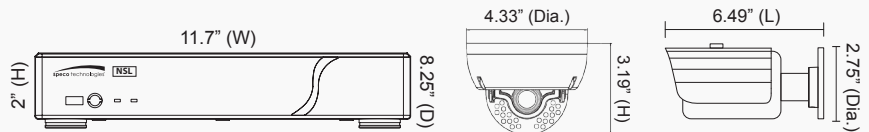


Front panel



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



# 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, 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.