



# 8 Ch. 4K H.265 Network Video Recorder and IP Camera Kit

## ZIPL84D2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
4 4MP Outdoor H.265 IR Dome Cameras

## ZIPL84B2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
4 4MP Outdoor H.265 IR Bullet Cameras

## ZIPL88D2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
8 4MP Outdoor H.265 IR Dome Cameras

## ZIPL88B2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
8 4MP Outdoor H.265 IR Bullet Cameras

## ZIPL8BD2

8 Channel NVR with 8 Channel Built-In PoE, 2TB  
4 4MP Outdoor H.265 IR Dome Cameras,  
4 4MP Outdoor H.265 IR Bullet Cameras



Front panel



Rear panel

ZIPL8BD2 shown



### Part Numbers for Kit Contents

Recorder	N8NRL2TB
Cameras	O4VLD5 (dome) O4VLB5 (bullet)

## 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

- Real time recording up to 8MP (4K) @ 30fps
- H.265 compression - Store up to 2x more than H.264!
- Built-in PoE ports for all channels for easy installation
- 1 SATA port up to 14TB of storage
- 4K HDMI out and VGA monitor output
- Object and line crossing detection and alerts\*
- Smart Search - Specify a region on the camera view and search on changes in that area\*
- 2-way audio communication
- Free US-based DDNS and P2P services
- Remote viewing via web browser or your mobile device
- Easy video exporting via USB

\*with Speco Smart Analytic Cameras

## Additional Recorder Features

- Built-in S.M.A.R.T technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Supports 2-way audio communication (speaker required)
- Plug & play feature with isolated traffic on the PoE ports with Speco's IP cameras
- Remote monitoring, recording, playback, configuration, upgrades, and PTZ control via the internet

## Camera Features

- 2.8mm fixed lens (O4VLD5)
- 2.8mm fixed lens (O4VLB5)
- Up to 4MP @ 30fps
- Standard PoE
- True WDR
- IR LED operation
- IP66 compliant, weather resistant
- 5 year warranty

### Camera Specifications

Image Sensor	1/3" CMOS, 4MP
Max Resolution	2592 x 1520
Minimum Illumination	F1.2, 0 lux (IR LED on)
Day/Night	IR-cut filter
DNR	2D/3D
IR Range	O4VLD5: 65' (depending on scene reflection) O4VLB5: 98' (depending on scene reflection)

### Camera Operating & Unit Specifications

Power Supply	PoE or 12VDC (power supply not included)
Power Consumption	O4VLD5: 4W O4VLB5: 6.5W
Operating Temperature	-40°F - 140°F
Camera Weight	Dome: 1.4 lb. / Bullet: 13 oz
Camera Dimensions	Dome: 4.6" (Dia.) x 3.6" (H) / Bullet: 2.6" (W) x 2.6" (H) x 6" (L)
NVR Weight	4 lbs.
NVR Dimensions	11.8" (W) x 2" (H) x 9.8" (D)

### Optional Accessories



**ERS1V**  
Vented Rack Shelf



**IRRPTKIT**  
IR Repeater Kit

<sup>1</sup>For supported IP camera models. <sup>2</sup>Limited Warranty/Hard drives excluded. Check [www.specotech.com](http://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. 1/13/2020





## Technical Specifications: Plug & Play Network Video Recorder

Model		NRL			
Video	Input	Max. IP Channels	4	8	
		IP Camera	H.264/H.265 Auto Detection (Max 8MP)		
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)		
		Sub Monitor	n/a		
Audio	Local Input/Output		0/1		
	Codec		G.711A/G.711U		
	Audio Input		1 ch, RCA, 4CH IPC input	1 ch, RCA, 8CH IPC input	
Recording	Encoding Resolutions		8MP/5MP/4MP/3MP/1080P/720P		
	Codec		H.264/H.265 (Auto Detection)		
	Max Frame Rate per Channel		Any Resolution @30fps		
	Recording Mode		Analytics/Continuous/Motion/Sensor/Schedule/Manual		
	Pre-Recording		Max. 5 seconds		
	Post Recording		Max. 10 minutes		
Search & Playback	Search		EZ Search, Motion, Specific Date/Time, Event, Museum, Bookmarks, Snapshots, Log		
	Multi-Decoding		1, 4	1, 4, 8	
	Playback Resolutions		8MP/5MP/4MP/3MP/1080P/720P		
	Playback Functions		Play, pause, FF, FB, digital zoom, etc.		
Backup	Media		USB drive, USB Portable HDD, Network		
	Format		JPG, AVI, ZIP (Player+Proprietary Data)		
Storage	HDD	Capacity of 1 HDD	14TB		
		Internal HDDs	1		
	USB	Front	1		
		Rear	1		
Alarm	Input/Output		n/a		
	Trigger Events		Recording, PTZ, Alarm Out, Pop-up alarm preview, Email, FTP, Snapshot, Buzzer and Screen Tips		
User I/F	Input Method		IR Remote, Mouse		
Network	Port		100Mbps + 4PoE	100Mbps + 8PoE	
	P2P/Dynamic DNS		Free US-Based Speco P2P and DDNS Service		
	Network Protocols		TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP		
Network Access	Mobile		iOS/Android via Speco Blue App, SecureGuard Client App		
	Web Viewer		Windows IE		
	VMS		SecureGuard®		
	Max. User Access		Max 10 users online (web client)		
Features	Digital Zoom		Live and Playback, Free Size		
	Smart Analysis		Abandoned object detection, Missing object detection, Line Crossing		
	ONVIF Support		ONVIF 2.3		
	S.M.A.R.T		Temperature, Power On Time, Bad Sectors and Health		
Power	Input Voltage		DC48V		
	Power Consumption		≤ 5W (without HDD)	≤ 15W (without HDD)	
Environment	Operating Temperature		-10°C ~ 50°C		
	Operating Humidity		10% ~ 90% humidity (Non-condensing)		
Dimensions	Unit		300mm x 248mm x 52mm (11.8" x 9.8" x 2.0")		

Please note that specifications and unit exterior design are subject to change without notification. Rev. 1/13/2020



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