



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

## ZIPL4D1

4 Channel NVR with 4 Channel Built-In PoE, 1TB  
4 4MP H.265 IP Turret Cameras with Analytics

## ZIPL4B1

4 Channel NVR with 4 Channel Built-In PoE, 1TB  
4 4MP H.265 IP Bullet Cameras with Analytics



Front panel



Rear panel



### Part Numbers for Kit Contents

Recorder	N4NRL1TB
Cameras	O4VT1 (turret) O4VB1 (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 resolution (4K) at 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 for 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 U.S.-Based DDNS Server Access
- Remote viewing via web browser, Apple TV, Amazon FireTV or your mobile device
- Easy video exporting via USB
- 5 year limited warranty<sup>2</sup>

\*with Speco Smart Analytic Cameras

### Camera Specifications

Image Sensor	1/2.7" CMOS, 4MP
Maximum Resolution	2560 x 1440 (4MP)
Minimum Illumination	0.03 lux @ F2.0, AGC ON; 0 lux with IR
Day/Night	Smart IR up to 100' (depending on scene reflection)
DNR	3D
IR Range	100' (depending on scene reflection)

## Additional Recorder Features

- Plug & play feature with isolated traffic on the PoE ports with Speco's IP cameras
- Find and install IP cameras on the local network without needing to locate the cameras manually
- Supports different recording types: Continuous, Motion, Analytics, and Sensor
- Create bookmark pins on playback for easy reference
- Instant playback for individual channels directly from the live view screen
- Customizable channel view placement
- Remote monitoring, recording, playback, configuration, upgrades, and PTZ control via the internet
- Simultaneous HDMI & VGA video output
- Built-in S.M.A.R.T technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Supports 2-way audio communication (speaker required)

## Camera Features

- 2.8mm fixed lens
- Up to 4MP
- Standard PoE
- True Day/Night operation
- Adaptive IR LEDs reduce IR saturation
- IP67 compliant, weather resistant
- Conformant with ONVIF Profile T
- 5 year warranty

### Camera Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	< 5W
Operating Temperature	-40°F ~ 140°F
Camera Weight	Turret: 1 lb. / Bullet: .93 lb.
Camera Dimensions	Turret: 3.72" (Dia.) x 3.26" (H) Bullet: 2.93" (W.) x 2.93" (H) x 6.59" (L)
NVR Weight	4 lbs.
NVR Dimensions	11.7" (W) x 2" (H) x 8.25" (D)

### Optional Accessories



ERS1V  
Vented Rack Shelf

<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. 2/15/21





## Technical Specifications: Plug & Play Network Video Recorder

Model		NRL	
Video	Input	Max. IP Channels	4
		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
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
	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
	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
	Other Viewing Platforms		Apple TV and Amazon Fire TV
	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
	S.M.A.R.T		Temperature, Power On Time, Bad Sectors and Health
Power	Input Voltage		DC48V
	Power Consumption		≤ 5W (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. 2/15/21



800-645-5516 • Fax: 631-957-9142 or 631-957-3880 • specotech.com

