



# NRL Series

## 4K H.265 NVR A Lite Smart NVR with PoE

### N4NRL

4 Channel NVR with 4 Built-In PoE Ports

### N8NRL

8 Channel NVR with 8 Built-In PoE Ports



**STORAGE**  
1TB - 14TB

N4NRL1TB	N4NRL4TB	N8NRL1TB	N8NRL4TB
N4NRL2TB	N4NRL6TB	N8NRL2TB	N8NRL6TB
N4NRL3TB	N4NRL8TB	N8NRL3TB	N8NRL8TB
	N4NRL10TB		N8NRL10TB
	N4NRL12TB		N8NRL12TB
	N4NRL14TB		N8NRL14TB



Front panel



Rear panel

N8NRL (Shown)



### Key Features

#### EZ Wizards - For ease of use and setup

- Camera: quickly discover and install all Speco IP cameras
- Setup: for quick setup of general settings
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type
- Search: quickly search for events from thumbnails
- Copy: quickly 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 US-based DDNS and P2P services
- Remote viewing via web browser or your mobile device
- Easy video exporting via USB
- 5 year limited warranty<sup>1</sup>

\*with Speco Smart Analytic Cameras

### Additional 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)
- Works with a majority of cameras that are conformant with ONVIF Profile S

### Optional Accessory



**ERS1V**  
Vented Rack Shelf

<sup>1</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. 7/24/19



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## Technical Specifications:

### 4K H.265 NVR A Lite Smart NVR with PoE

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. 7/24/19



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