



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
2TB - 16TB

N4NRL2TB	N4NRL10TB	N8NRL2TB	N8NRL10TB
N4NRL4TB	N4NRL12TB	N8NRL4TB	N8NRL12TB
N4NRL6TB	N4NRL16TB	N8NRL6TB	N8NRL16TB
N4NRL8TB		N8NRL8TB	



Front panel



Rear panel

N8NRL (Shown)

Use With



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 16TB 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, Apple TV, Amazon Fire TV or your mobile device
- Easy video exporting via USB
- 5 year limited warranty¹

*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)

Optional Accessory



ERS1V

Vented Rack Shelf



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Technical Specifications:

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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	16TB	
		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	
	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)	≤ 15W (without HDD)
	PoE Ports		4	8
	Power Per PoE Port		15W	15W
	Total PoE Power Budget		40W	96W
Environment	Operating Temperature		14°F to 122°F (-10°C to 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. 4/22/22



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