



4K H.265 NDAA Compliant NVR with Smart Analytics

N4NRN

4 Channel NVR with 4 Built-in PoE+ Ports

N8NRN

8 Channel NVR with 8 Built-in PoE+ Ports

N16NRN

16 Channel NVR with 16 Built-in PoE+ Ports

Key Features

EZ Wizards: For ease of use and setup

Camera: Quickly discover and install all Speco Blue IP cameras

Setup: Quick setup of general settings

Network: Setup and port forwarding

Record: Setup recording resolutions and recording type

EZ Search 2.0: Quickly find an event using time-sliced thumbnail images of your recordings with quick preview

Copy: Quickly copy what you are playing onto a USB flash drive

EZ Mobile: Easy mobile setup for viewing on desktop or mobile apps

- Real time recording up to 8MP resolution (4K) at 30fps
- H.265 compression - Store up to 2x more than H.264!
- 4K HDMI out and one VGA monitor output
- N4NRN: 1 SATA port for up to 16TB of storage max
N8NRN: 1 SATA port for up to 16TB of storage max
N16NRN: 2 SATA ports for up to 32TB of storage max
- Object and line crossing detection and alerts*
- People and vehicle detection*
- Smart Search - Specify a region on the camera view and search on changes in that area*
- Free US-based DDNS and P2P services
- Remote viewing via web browser, Apple TV, Amazon Fire TV, or mobile device
- Easy video exporting via USB
- 5 year limited warranty, 3 year HDD

*with Speco Blue Smart Analytic Cameras

**Products are in compliance with NDAA Section 889 Part B Guidelines

Additional Features

- 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
- Supports 2-way audio communication (speaker required)



Front panel



Rear panel (N4NRN shown)



Rear panel (N8NRN shown)



speco access immix



Compatible Apps



- One app to view your Speco Devices on go*



- Access your NR and HR Series Recorder to view and playback videos from your camera.

INCREASE YOUR MONTHLY REVENUE

Remotely Manage from Anywhere with SecureGuard[®] Dashboard

Included Accessories



(1) USB Mouse



(1) Remote Control

Storage: 2TB - 32TB

N4NRN2TB	N8NRN2TB	N16NRN2TB	N16NRN24TB
N4NRN4TB	N8NRN4TB	N16NRN4TB	N16NRN32TB
N4NRN6TB	N8NRN6TB	N16NRN6TB	
N4NRN8TB	N8NRN8TB	N16NRN8TB	
N4NRN12TB	N8NRN12TB	N16NRN12TB	
N4NRN16TB	N8NRN16TB	N16NRN16TB	



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. 3/7/24

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Model		NRN				
		4	8	16		
Video	Input	Max. IP Channels	4	8	16	
		IP Camera	H.264/H.265 Auto Detection (Max. 8MP)			
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)			
		VGA	VGA			
Audio	Network Input		4 Ch. IPC audio input	8 Ch. audio input	16 Ch. IPC audio input	
	2-way Audio		RCAx1			
	Local Output		RCAx1			
Recording	Encoding Resolutions		8MP/5MP/4MP/3MP/1080P/720P/960H/D1/CIF			
	Codec		H.264/H.265 (Auto Detection)			
	Max Frame Rate per Channel		Any Resolution @30fps			
	Recording Mode		AI/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			
	Simultaneous Playback		Max. 4 Ch.	Max. 8 Ch.	Max. 16 Ch.	
	Smart Search		Highlighted color to display camera records in a certain period of time, different colors refer to different record events			
	Playback Resolutions		8MP/5MP/4MP/3MP/1080P/720P/960H/D1/CIF			
	Playback Functions		Play, Pause, FF, REW, Digital zoom, etc.			
Backup	Media		USB drive, Network			
	Format		JPG, AVI, ZIP (Player+Proprietary Data)			
Storage	HDD	Max Capacity of each HDD	16TB			
		Internal SATA ports	1	1	2	
	USB	Front	1 USB 2.0			
		Rear	1 USB 2.0			
Alarm	Mode		Manual, Sensor, Motion, Exception, AI			
	Input/Output Linkage		Supports IPC Alarm In/IPC Alarm Out Record/Snapshot/Preset/Email/Pop-up Window			
	Input Method		IR Remote, Mouse			
Network	Network Bandwidth		40Mbps	80Mbps	96Mbps	
	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			
	Other Viewing Platforms		Apple TV and Amazon Fire TV			
	Web Viewer		Google Chrome, Edge, Safari, FireFox, Windows IE			
	VMS/CMS		SecureGuard®, Speco Blue VMS			
	Max. User Access		Max 10 users online (web client)			
Features	Digital Zoom		Live and Playback, Free Size			
	Fisheye Dewarping*		Yes			
	Smart Analysis**		Crowd Density, People Counting, Object Detection, Tampering, Tripwire, Intrusion			
	S.M.A.R.T (Self-Monitoring, Analysis & Reporting Technology)		Temperature, Power On Time, Bad Sectors and Health			
Power	Power Consumption		≤ 15W (without HDD)			
	PoE Ports		4	8	16	
	Power Per PoE Port		30W	30W	30W	
	Total PoE Power Budget		48W	96W	150W	
Environment	Operating Temperature		14°F to 122°F (-10°C to 50°C)			
	Operating Humidity		10% - 90% humidity			
Dimensions	Unit	300mm x 248mm x 45mm (11.8" x 9.8" x 1.8")	300mm x 248mm x 52mm (11.8" x 9.8" x 2.0")	380mm x 268mm x 52mm (15.0" x 10.6" x 2.0")		

*with Speco Blue fisheye cameras

**Learn more about the NVR's analytic data retention in the manual.