



4K H.265 Wall Mount NVR with Smart Analytics

N4WNRN

4 Channel Wall Mount NVR
with 4 Built-in PoE+ Ports

N8WNRN

8 Channel Wall Mount NVR
with 8 Built-in PoE+ Ports

N16WNRN

16 Channel Wall Mount 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
- N4WNRN: 1 SATA port for up to 16TB of storage max
- N8WNRN: 1 SATA port for up to 16TB of storage max
- N16WNRN: 2 SATA ports for up to 32TB of storage max
- Object and line crossing detection and alerts*
- Human 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



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.



Included Accessories



(1) USB Mouse



(1) Remote Control

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)

Storage: 2TB - 32TB

N4WNRN2TB	N8WNRN2TB	N16WNRN2TB	N16WNRN24TB
N4WNRN4TB	N8WNRN4TB	N16WNRN4TB	N16WNRN32TB
N4WNRN6TB	N8WNRN6TB	N16WNRN6TB	
N4WNRN8TB	N8WNRN8TB	N16WNRN8TB	
N4WNRN12TB	N8WNRN12TB	N16WNRN12TB	
N4WNRN16TB	N8WNRN16TB	N16WNRN16TB	



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Model		WNRN				
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			
User I/F	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	381mm x 292mm x 89mm (15.0" x 11.5" x 3.5")			489mm x 413mm x 89mm (19.25" x 16.25" x 3.5")	

*with Speco Blue fisheye cameras

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