IP

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

immix | 4K | H.265 | EZ Mobile | EZ Wizards | EZ Search 2.0 | AI Analytics | Object Detection | Line Crossing | P2P

Configurations

N4WNRN2TB	N8WNRN2TB	N16WNRN2TB	N16WNRN16TB
N4WNRN3TB	N8WNRN3TB	N16WNRN3TB	N16WNRN24TB
N4WNRN4TB	N8WNRN4TB	N16WNRN4TB	N16WNRN28TB
N4WNRN6TB	N8WNRN6TB	N16WNRN6TB	
N4WNRN8TB	N8WNRN8TB	N16WNRN8TB	
N4WNRN12TB	N8WNRN12TB	N16WNRN12TB	
N4WNRN14TB	N8WNRN14TB	N16WNRN14TB	



5 Year Warranty

NDAA COMPLIANT

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

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 14TB of storage max
  N8WNRN: 1 SATA port for up to 14TB of storage max
  N16WNRN: 2 SATA ports for up to 28TB 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 your mobile device
- Easy video exporting via USB
- Remote control included
- 5 year limited warranty[1]

*with Speco Smart Analytic Cameras

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
- Supports 2-way audio communication (speaker required)

INTEGRATED WITH speco access

- Auto Live Camera Pop-Up
- View A Camera
- Event Tag

[1]Limited Warranty/Hard drives excluded. Check 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. Amazon's trademark is used under license from Amazon.com, Inc. or its affiliates. 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. 3/2/21

Apps available from the following:

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

speco technologies

IP

Technical Specifications:
4K H.265 Wall Mount NVR with Smart Analytics

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		
	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		
	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		
	Playback Functions		Play, pause, FF, FB, digital zoom, etc.		
Backup	Media		USB drive, Network		
	Format		JPG, AVI, ZIP (Player+Proprietary Data)		
Storage	HDD	Max Capacity of each HDD	14TB		
		Internal SATA ports	1	1	2
	USB	Front	1 USB 2.0		
		Rear	1 USB 2.0		
Alarm	Mode		Manual, sensor, motion, exception, intelligence		
	Input/Output		Supports IPC Alarm In/IPC Alarm Out		
	Linkage		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		Windows IE		
	VMS/CMS		SecureGuard®		
	Max. User Access		Max 10 users online (web client)		
Features	Digital Zoom		Live and Playback, Free Size		
	Smart Analysis		Crowd Density, People Counting, Object Detection, Tampering, Tripwire, Intrusion		
	S.M.A.R.T		Temperature, Power On Time, Bad Sectors and Health		
Power	Power Consumption		≤ 15W (without HDD)		
Environment	Operating Temperature		-4°F ~ 122°F(-10°C ~ 50°C)		
	Operating Humidity		10% ~ 90% humidity		
Dimensions	Unit		380mm x 268mm x 52mm (15.0" x 10.6" x 2.0")		430mm x 453mm x 89mm (16.9" x 17.8" x 3.5")

Please note that specifications and unit exterior design are subject to change without notification. Rev 3/2/21

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