



# 8K H.265 Wall Mount NVR with Facial Recognition and Smart Analytics

## N8WNRX

8-Channel Facial Recognition Wall Mount NVR with 8 Built-In PoE Ports

## N8WNRXM

8-Channel Facial Recognition Wall Mount NVR with 8 Built-In PoE Ports and Monitor

## N16WNRX

16-Channel Facial Recognition Wall Mount NVR with 16 Built-In PoE Ports

## N16WNRXM

16-Channel Facial Recognition Wall Mount NVR with 16 Built-In PoE Ports and Monitor



\*N8WNRX shown



speco access

immix



### Product Summary

Speco's NDAA compliant WNRX and WNRXM recorders, will take your footage quality to the next level supporting up to 16MP cameras @ 30 fps.

### Features

- Real time recording up to 16MP resolution (8K) @ 30fps
- H.265 compression - Store up to 2x more than H.264!
- 4K HDMI out and one VGA monitor output,
- N8WNRX: 1 SATA port for up to 20TB of storage max  
N8WNRXM: 1 SATA port for up to 20TB of storage max  
N16WNRX: 2 SATA ports for up to 40TB of storage max  
N16WNRXM: 2 SATA ports for up to 40TB of storage max
- Object and line crossing detection and alerts\*
- Smart Search - Specify a region on the camera view and search on changes in that area\*
- Facial Recognition and Comparison\*\*
- Free US-based DDNS and P2P services
- Remote viewing via web browser, or mobile device
- Easy video exporting via USB
- 5 year limited warranty, 3 year HDD

\*With Speco Smart Analytic Cameras

\*\*With Speco Facial Detection Cameras

### Compatible Apps



One app to view your Speco Devices on the go (Speco Silver Line not supported at this time).



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



### Included Accessories



(1) USB Mouse



(1) Remote Control

### Optional Accessories



**P4S50**  
5-port IP65 Rated  
4 port PoE Switch



**P8S10G**  
10-Port Gigabit Network  
Switch (8 ports PoE, 2  
ports uplink)



**P4S5V**  
5-Port Gigabit Network  
Switch (4 ports PoE,  
1 port uplink)



**P24S26G2**  
26-Port Gigabit Switch  
with 24-PoE Ports and  
2 SFP Uplink



**P32S36GM**  
36 Port Managed  
Gigabit Switch  
(32 ports PoE, 4xSFP Uplink)

### Storage: 2TB - 40TB

#### Without Monitor

N8WNRX2TB N8WNRX12TB  
N8WNRX4TB N8WNRX16TB  
N8WNRX6TB N8WNRX20TB  
N8WNRX8TB

N16WNRX2TB N16WNRX16TB  
N16WNRX4TB N16WNRX24TB  
N16WNRX6TB N16WNRX32TB  
N16WNRX8TB N16WNRX40TB  
N16WNRX12TB

### Storage: 2TB - 40TB

#### With Monitor

N8WNRXM2TB N8WNRXM12TB  
N8WNRXM4TB N8WNRXM16TB  
N8WNRXM6TB N8WNRXM20TB  
N8WNRXM8TB

N16WNRXM2TB N16WNRXM16TB  
N16WNRXM4TB N16WNRXM24TB  
N16WNRXM6TB N16WNRXM32TB  
N16WNRXM8TB N16WNRXM40TB  
N16WNRXM12TB

# Technical Specifications Video Recorder

Model		WNRX / WNRXM Series	
Video	Input	Max. IP Channels	8
		IP Camera	H.265/H.264 auto detection (max. 16MP)
	Output	Main Monitor	HDMI (max. 4K) and VGA (max. Full HD)
Audio	Network Input		8-CH IPC audio input
	Local Input		RCAx1
	Local Output		RCAx1
Recording	Encoding Resolutions		16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P
	Codec		H.265/H.264 (auto detection)
	Max Frame Rate per Channel		16MP @ 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. 8-CH
	Smart Search		Highlighted color to display camera records in a certain period of time, different colors refer to different record events
	Playback Functions		Play, pause, FF, FB, digital zoom, etc.
Backup	Media		USB drive, network
	Format		MP4, JPG, AVI, RPAS, ZIP (player + proprietary data)
Storage	HDD	Max Capacity of each HDD	16TB
		Internal SATA ports	1
	USB	Front	1 (USB 2.0)
Alarm	Mode		Manual, sensor, motion, exception, intelligence
	Input		8-CH. local
	Output		4-CH local
	Linkage		Record/snapshot/preset/email/pop-up window
User I/F	Input Method		IR remote, mouse
Network	Network Bandwidth		160Mbps
	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
	Web Viewer		Google Chrome®, Microsoft Edge®, Firefox®, Safari®
	VMS/CMS		Speco Blue VMS, SecureGuard®
	Max. User Access		Max. 10 users online (web client)
Features	Digital Zoom		Live and playback, free size
	S.M.A.R.T. (Self-Monitoring, Analysis, & Reporting Technology)		Temperature, power on time, bad sectors, and health
	People/Vehicle Detection		Line crossing and intrusion
Smart Analytics	Facial Recognition		Face search up to 8-CH (N8NRX) and up to 16-CH. (N16NRX) Face recognition trigger event up to 6-CH
	LPR		8-CH
			16-CH
Power	Power Consumption		≤ 15W (without HDD)
	PoE Ports		8
	Power per PoE Port Max (802.3at)		30W
	Total PoE Power Budget (802.3af/at)		80W
Environment	Operating Temperature		14°F to 122°F (-10°C to 50°C )
	Operating Humidity		10% - 90% humidity
Dimensions	Unit	387mm x 298mm x 89mm (15.25" x 11.75" x 3.5")	489mm x 413mm x 89mm (19.25" x 16.25" x 3.5")



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