

IP

# 4K H.265 NVR with Smart Analytics

## Without Monitor

### N4WNRM

4-Channel with 4 Built-In PoE Ports

### N8WNRM

8-Channel with 8 Built-In PoE Ports

### N16WNRM

16-Channel with 16 Built-In PoE Ports

## With Monitor

### N4WNRMM

4-Channel with 4 Built-In PoE Ports with Monitor

### N8WNRMM

8-Channel with 8 Built-In PoE Ports with Monitor

### N16WNRMM

16-Channel with 16 Built-In PoE Ports with Monitor

## Product Summary

Speco's NDAA compliant WNRM and WNRMM recorders, will take your footage quality to the next level supporting up to 8MP cameras @ 30fps.

## Features

- Real time recording up to 8MP resolution (4K) @ 30fps
- H.265 compression - Store up to 2x more than H.264!
- 4K HDMI output and one VGA monitor output
- N4WNRM: 1 SATA port for up to 20TB of storage max  
N4WNRMM: 1 SATA port for up to 20TB of storage max  
N8WNRM: 1 SATA port for up to 20TB of storage max  
N8WNRMM: 1 SATA port for up to 20TB of storage max  
N16WNRM: 2 SATA ports for up to 40TB of storage max  
N16WNRMM: 2 SATA ports for up to 40TB of storage max
- Facial detection\*
- Object and line crossing detection and alerts\*\*
- 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 or your mobile device
- Easy video exporting via USB
- Remote control included
- 5-year limited warranty

\*With Speco Facial Detection Cameras

\*\*With Speco Smart Analytic 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.



N8WNRM Shown



speco access

immix



**INCREASE MONTHLY REVENUE**

Remotely Manage from Anywhere with SecureGuard® Dashboard



## Storage: 2TB - 40TB

### Without Monitor

N4WNRM2TB N4WNRM12TB  
N4WNRM4TB N4WNRM16TB  
N4WNRM6TB N4WNRM20TB  
N4WNRM8TB

N8WNRM2TB N8WNRM12TB  
N8WNRM4TB N8WNRM16TB  
N8WNRM6TB N8WNRM20TB  
N8WNRM8TB

N16WNRM2TB N16WNRM16TB  
N16WNRM4TB N16WNRM24TB  
N16WNRM6TB N16WNRM32TB  
N16WNRM8TB N16WNRM40TB  
N16WNRM12TB

### With Monitor

N4WNRMM2TB N4WNRMM12TB  
N4WNRMM4TB N4WNRMM16TB  
N4WNRMM6TB N4WNRMM20TB  
N4WNRMM8TB

N8WNRMM2TB N8WNRMM12TB  
N8WNRMM4TB N8WNRMM16TB  
N8WNRMM6TB N8WNRMM20TB  
N8WNRMM8TB

N16WNRMM2TB N16WNRMM16TB  
N16WNRMM4TB N16WNRMM24TB  
N16WNRMM6TB N16WNRMM32TB  
N16WNRMM8TB N16WNRMM40TB  
N16WNRMM12TB

## Optional Accessories



**P4550**  
5-port IP65 Rated  
4 port PoE Switch



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



**P455V**  
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)

# Technical Specifications Video Recorder

Model		WNRM & WNRMM Series			
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)		
Audio	Network Input		4-CH IPC audio input	8-CH IPC audio input	16-CH IPC audio input
	Local Input		RCAx1		
	Local Output		RCAx1		
Recording	Encoding Resolutions		8MP/6MP/4MP/3MP/1080P/720P/960H/DI/CIF		
	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		1 x 8MP @ 30 FPS, 6 x 1080P @ 30 FPS		
	Playback Functions		Play, pause, fast forward, rewind, digital zoom, etc.		
Backup	Media		USB drive, network		
	Format		MP4, JPG, AVI, proprietary format (includes player)		
Storage	HDD	Max Capacity of each HDD	40TB		
		Internal SATA ports	1	1	2
	USB	Front Rear	1 (USB 2.0) 1 (USB 2.0)		
Alarm	Mode		Manual, sensor, motion, exception, intelligence		
	Input/ Output Linkage		IPC alarm in / IPC alarm out Record/snapshot/preset/email/pop-up window		
User I/F	Input Method		IR remote, mouse		
Network	Network Bandwidth		80Mbps	80Mbps	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®		
	VMS/CMS		Speco Blue VMS, SecureGuard®		
	Max. User Access		Max 64 users access		
	Digital Zoom		Live and playback, free size		
Features	S.M.A.R.T.		Temperature, power on time, bad sectors, and health		
Smart Analytics	People/Vehicle Detection		4	8	16
	Facial Detection		4	8	16
	License Plate Recognition		4	8	16
Power	Power Consumption		≤ 10W (without HDD)		
	PoE Ports		4	8	16
	Power per PoE Port Max (802.3at)		30W		
	Total PoE Power Budget (802.3af/at)		48W	72W	150W
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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