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



N8WNRM Shown

4K · H.265 · P2P · EZ MOBILE · EZ WIZARDS · EZ SEARCH · AI

speco access · immix · 5 YEAR WARRANTY



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

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

Storage: 2TB - 40TB

Without Monitor		With Monitor	
N4WNRM2TB	N4WNRM12TB	N4WNRMM2TB	N4WNRMM12TB
N4WNRM4TB	N4WNRM16TB	N4WNRMM4TB	N4WNRMM16TB
N4WNRM6TB	N4WNRM20TB	N4WNRMM6TB	N4WNRMM20TB
N4WNRM8TB		N4WNRMM8TB	
N8WNRM2TB	N8WNRM12TB	N8WNRMM2TB	N8WNRMM12TB
N8WNRM4TB	N8WNRM16TB	N8WNRMM4TB	N8WNRMM16TB
N8WNRM6TB	N8WNRM20TB	N8WNRMM6TB	N8WNRMM20TB
N8WNRM8TB		N8WNRMM8TB	
N16WNRM2TB	N16WNRM16TB	N16WNRMM2TB	N16WNRMM16TB
N16WNRM4TB	N16WNRM24TB	N16WNRMM4TB	N16WNRMM24TB
N16WNRM6TB	N16WNRM32TB	N16WNRMM6TB	N16WNRMM32TB
N16WNRM8TB	N16WNRM40TB	N16WNRMM8TB	N16WNRMM40TB
N16WNRM12TB		N16WNRMM12TB	

Optional Accessories


P4S5O
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)

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	1 (USB 2.0)		
		Rear	1 (USB 2.0)		
Alarm	Mode		Manual, sensor, motion, exception, intelligence		
	Input/ Output		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		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		
Features	Digital Zoom		Live and playback, free size		
	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")

NDAA COMPLIANT

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BLUE SERIES