



# 4K NVR with Smart Analytics

## N4NRM

4-Channel with 8 Built-in PoE Ports

## N8NRM

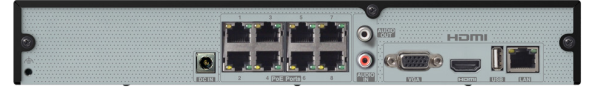
8-Channel with 8 Built-in PoE Ports

## N16NRM

16-Channel with 16 Built-in PoE Ports



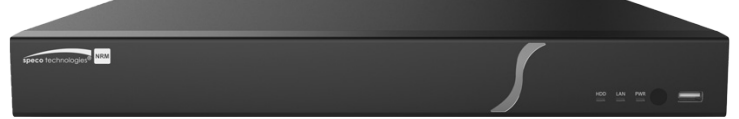
Rear panel (N4NRM shown)



Rear panel (N8NRM shown)



Rear panel (N16NRM shown)



### Product Summary

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

### Features

- Real time recording up to 8MP resolution (4K) at 30fps
- H.265 compression - Store up to 2x more than H.264!
- 4K HDMI output and one VGA monitor output
- N4NRM: 1 SATA port for up to 16TB of storage max  
N8NRM: 1 SATA port for up to 16TB of storage max  
N16NRM: 2 SATA ports for up to 32TB 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
- Rack ears (N16NRM only)
- Remote control included
- 5-year limited warranty

\*With Speco Smart Analytic Cameras

\*\*With Speco Facial Detection Cameras



speco access immix



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Remotely Manage from Anywhere with SecureGuard® Dashboard

### 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

Storage: 2TB - 16TB		Storage: 2TB - 32TB	
N4NRM2TB	N8NRM2TB	N16NRM2TB	N16NRM24TB
N4NRM4TB	N8NRM4TB	N16NRM4TB	N16NRM32TB
N4NRM6TB	N8NRM6TB	N16NRM6TB	
N4NRM8TB	N8NRM8TB	N16NRM8TB	
N4NRM12TB	N8NRM12TB	N16NRM12TB	
N4NRM16TB	N8NRM16TB	N16NRM16TB	

### 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)

# Technical Specifications Video Recorder

Model		NRM Series			
		4	8	16	
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, FF, Rew, Digital zoom, etc.		
Backup	Media		USB drive, Network		
	Format		MP4, JPG, AVI, Proprietary Format (Includes Player)		
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, 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	144Mbps
	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		Chrome, 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		15.5W (802.3af)		
	Total PoE Power Budget		48W	72W	150W
Environment	Operating Temperature		14°F to 122°F (-10°C to 50°C )		
	Operating Humidity		10% - 90% humidity		
Dimensions	Unit	300mm x 249mm x 45mm (11.8" x 9.8" x 1.8")		380mm x 268mm x 45mm (15.0" x 10.6" x 1.8")	



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