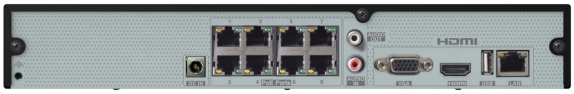
IP 4K NVR with Smart Analytics

N4NRM
4-Channel with 4 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 NRM recorders, will take your footage quality to the next level supporting up to 16MP cameras @ 30 fps.

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
- N4NRM: 1 SATA port for up to 20TB of storage max
  N8NRM: 1 SATA port for up to 20TB of storage max
  N16NRM: 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 detection**
- 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

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

specoaccess immix 5 YEAR WARRANTY

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 - 20TB	
N4NRM2TB	N8NRM4TB
N4NRM4TB	N8NRM6TB
N4NRM6TB	N8NRM8TB
N4NRM8TB	N8NRM12TB
N4NRM12TB	N8NRM16TB
N4NRM16TB	N8NRM20TB
N8NRM2TB	

Storage: 2TB - 40TB	
N16NRM2TB	N16NRM16TB
N16NRM4TB	N16NRM24TB
N16NRM6TB	N16NRM32TB
N16NRM8TB	N16NRM40TB
N16NRM12TB	

Included Accessories

(1) **USB Mouse**

(1) **Remote Control**

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			NRM 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		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")

NDAA COMPLIANT

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BLUE SERIES