



# 8K H.265 Network Video Recorder with Smart Analytics, NDAA Compliant

## N128NR

128-Channel NVR

### Product Summary

Speco's N128NR is built to tackle applications with a high bandwidth in camera quantity and quality, supporting up to 16MP @ 30fps, along with a high storage capacity going up to 256TB.

### Features

- Real time recording up to 16MP resolution (8K) @ 30fps
- H.265 compression - Store up to 2x more than H.264!
- 8K HDMI out and one VGA monitor output, additional storage via 2 eSATA ports
- 16 SATA ports for up to 256TB of storage max
- Support RAID 0, 1, 5, 6, 10
- 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 mobile device
- Easy video exporting via USB
- Remote control included
- 5 year limited warranty, 3 year HDD

\*With Speco Blue Facial Detection Camera

\*\*With Speco Blue Smart Analytic Cameras

### Additional Features

- Find and install IP cameras on the local network without needing to locate the cameras manually
- Supports different recording types: Continuous, Motion, Analytics, and Sensor
- Create bookmark pins on playback for easy reference
- Instant playback for individual channels directly from the live view screen
- Customizable channel view placement
- Remote monitoring, recording, playback, configuration, upgrades, and PTZ control via the internet
- Simultaneous HDMI & VGA video output
- Supports 2-way audio communication (speaker required)

### 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



### Storage: 6TB - 256TB

N128NR6TB	N128NR32TB	N128NR112TB
N128NR8TB	N128NR40TB	N128NR128TB
N128NR12TB	N128NR64TB	N128NR160TB
N128NR16TB	N128NR72TB	N128NR192TB
N128NR20TB	N128NR80TB	N128NR224TB
N128NR30TB	N128NR96TB	N128NR256TB

### Optional Accessories



**P4S6G**  
6-Port Gigabit Network Switch (4 ports PoE, 2 ports uplink)



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



**P16S18Z**  
10-Port Gigabit Network Switch (8 ports PoE, 2 ports 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)

### Included Accessories



(1) USB Mouse



(1) Remote Control



(1 Pair) Rack Ears



Model		NR	
Video	Input	Max. IP Channels	128
		IP Camera	H.264/H.265 Auto Detection (Max 8MP)
	Output	Main Monitor	HDMI (Max. 8K) and VGA (Max. Full HD)
Sub Monitor		3 HDMI	
Audio	Network Input		128-CH IPC audio input
	2-way Audio		RCAx1
	Local Output		RCAx1
Recording	Encoding Resolutions		16MP/8MP/5MP/4MP/3MP/1080P/720P/960H/DI/CIF
	Codec		H.264/H.265 (Auto Detection)
	Max Frame Rate per Channel		Any Resolution @ 30fps
	Recording Mode		AI/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 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		16MP/8MP/5MP/4MP/3MP/1080P/720P/960H/DI/CIF
	Playback Functions		Play, Pause, FF, REW, Digital zoom, etc.
Backup	Media		USB drive, USB Portable HDD, Network
	Format		JPG, AVI, ZIP (Player+Proprietary Data)
Storage	HDD	Max Capacity of each HDD	16TB
		Internal SATA ports	16
	USB	Front	2 (USB 2.0)
Rear		2 USBs: 1 USB 2.0, 1 USB 3.0	
Alarm	Mode		Manual, Sensor, Motion, Exception, AI
	Input		24-CH local
	Output		8-CH local
	Linkage		Record/Snapshot/Preset/Email/Pop-up Window
User I/F	Input Method		IR Remote, Mouse
Network	Network Bandwidth		768Mbps
	P2P/Dynamic DNS		Free US-Based Speco P2P and DDNS Service
	Network Protocols		TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP
	Dual Network Card		Yes
	LAN 1		Recorder
	LAN 2		Cameras
Network Access	Mobile		iOS/Android via Speco Blue App, SecureGuard® Client
	Web Viewer		Google Chrome, Edge, Safari, FireFox, Windows IE
	VMS		SecureGuard®, Speco Blue VMS
	Max. User Access		Max 10 users online (web client)
Smart Analytics	People/Vehicle Detection		Line Crossing and Intrusion
	Facial Recognition		Face Search up to 128-CH / Face Recognition Trigger Event up to 16-CH
	LPR		Yes
Features	Digital Zoom		Live and Playback, Free Size
	Fisheye Dewarping*		Yes
	S.M.A.R.T (Self-Monitoring, Analysis, & Reporting Technology)		Temperature, Power On Time, Bad Sectors and Health
Power	Power Consumption		≤ 15W (without HDD)
Environment	Operating Temperature		14°F to 122°F (-10°C to 50°C)
Dimensions	Unit		437mm x 483mm x 143mm (17.2" x 19" x 5.6")

Does not have built in DHCP server

\*with Speco Blue fisheye cameras

\*\*Learn more about the NVR's analytic data retention in the manual.



Products are in compliance with NDAA Section 889 Part B Guidelines

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 6/17/24

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