



# 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 20MP @ 30fps, along with a high storage capacity going up to 320TB.

### 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 320TB 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 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.



### Add. Expand. Protect.

Enhance Your Security with Cloud Solutions



Speco Products



SecureGuard Bridge



SecureGuard Cloud

Cloud Managed and Storage Services Available

### Storage: 6TB - 320TB

N128NR6TB	N128NR32TB	N128NR112TB	N128NR320TB
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)



**P16S182**  
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

# Technical Specifications Video Recorder

Model		NR Series	
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/D1/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/D1/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	20TB
		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®, Microsoft Edge®, Safari®, FireFox®, Windows® IE
	VMS		SecureGuard®, Speco Blue VMS
	Max. User Access		Max 128 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")



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Does not have built in DHCP server, \*with Speco Blue fisheye cameras, \*\*Learn more about the NVR's analytic data retention in the manual.

