



16MP (8K) H.265 Network Video Recorder with Smart Analytics

N64NR

64-Channel NVR

Key Features:

EZ Wizards: For ease of use and setup

Camera: Quickly discover and install all Speco Blue IP cameras

Setup: Quick setup of general settings

Network: Setup and port forwarding

Record: Setup recording resolutions and recording type

EZ Search 2.0: Quickly find an event using time-sliced thumbnail images of your recordings with quick preview

Copy: Quickly copy what you are playing onto a USB flash drive

EZ Mobile: Easy mobile setup for viewing on desktop or mobile apps

- Real time recording up to 16MP resolution (8K) at 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
- 8 SATA ports for up to 128TB of storage max (N64NR)
- Search and be alerted to analytic events
- 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
- 5 year limited warranty, 3 year HDD
- NDAA Compliant**

*with Speco Blue Smart Analytic Cameras

**Products are in compliance with NDAA Section 889 Part B Guidelines

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 bookmarks 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 outputs
- 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



Front View N64NR



Back View N64NR



Optional Accessories



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



P8S10G
10 Port Gigabit Network Switch
(8 ports PoE, 2 port Uplink)



P24S26G2
26 Port Gigabit Network Switch
(24 ports PoE, 2 SFP Uplink)



P32S36GM
36 Port Managed Gigabit Switch
(32 ports PoE, 4xSFP Uplink)

Storage: 6TB - 128TB

N64NR6TB	N64NR20TB	N64NR64TB	N64NR112TB
N64NR8TB	N64NR30TB	N64NR72TB	N64NR128TB
N64NR12TB	N64NR32TB	N64NR80TB	
N64NR16TB	N64NR40TB	N64NR96TB	

Included Accessories



(1) USB Mouse



(1) Remote Control



(1) Included Rack ears



Model	NR		
Video	Input	Max. IP Channels	64
		IP Camera	H.264/H.265 Auto Detection (Max 16MP)
	Output	Main Monitor	HDMI (Max. 8K) and VGA (Max. Full HD)
		Sub Monitor	3 HDMI
Audio	Network Input		64 Ch. IPC audio input
	2-way Audio		RCAx1
	Local Output		RCAx1
Recording	Encoding Resolutions		16MP/12MP/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
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
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	8
	USB	Front	1 (USB 2.0)
		Rear	2 USBs: 1 USB 2.0, 1 USB 3.0
	Raid Type		RAID 0, 1, 5, 6, 10
eSata		2	
Alarm	Mode		Manual, Sensor, Motion, Exception, AI
	Input		16 Ch. local
	Output		4 Ch local
	Linkage		Record/Snapshot/Preset/Email/Pop-up Window
User I/F	Input Method		IR Remote, Mouse
Network	Network Bandwidth		640Mbps
	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: RJ45 10/100/1000Mbps
	LAN 2		Cameras: RJ45 10/100/1000Mbps
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 128 users online (web client)
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
Smart Analytics	People / Vehicle Detection		Line Crossing, Intrusion, People Counting
	Facial Recognition		Store up to 10,000 face images Up to 16CH for event trigger Face Search up to 64CH
	LPR		LPR on all 64CH, store up to 50,000 License Plate images
	Others		Object abandoned/missing, trip wire
Power	Power Consumption		≤ 50W (without HDD)
Environment	Operating Temperature		14°F to 122°F (-10°C to 50°C)
Dimensions	Unit		445mm x 436mm x 90mm (17.5" x 17.1" x 3.5")

Does not have built in DHCP server

*with Speco Blue fisheye cameras

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



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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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