



4K H.265 NVR with Facial Recognition Smart Analytics and Dual LAN Ports

N16NRD

16 Channel Facial Recognition Network
Video Recorder with Dual LAN Ports

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

Search: Quickly search for events from thumbnails

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

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

- Two LAN ports to help isolate camera traffic on a PoE switch from the main network.
- Real time recording up to 8MP resolution (4K) @ 30fps
- H.265 compression - Store up to 2x more than H.264!
- 2 SATA ports for up to 40TB storage
- 4K HDMI out and VGA monitor output
- Smart Search - Specify a region on the camera view and search on changes in that area*
- Object and line crossing detection and alerts*
- Facial Recognition and Comparison**
- Free US-based DDNS and P2P services
- Remote viewing via web browser, Apple TV, Amazon Fire TV, or mobile device
- Easy video exporting via USB
- 5 year limited warranty, 3-year HDD

*with Speco Blue Smart Analytic Cameras

**with Speco Facial Recognition 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)

Storage: 2TB - 40TB

N16NRD2TB N16NRD12TB N16NRD32TB
N16NRD4TB N16NRD16TB N16NRD40TB
N16NRD6TB N16NRD20TB
N16NRD8TB N16NRD24TB



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.



Optional Accessories



P4S6G
10 Port Gigabit Network Switch
(4 ports PoE, 2 ports Uplink)



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



P24S26G2
26-port Gigabit Network
Switch with 24-PoE Ports
and 2 SFP Uplink



P32S36GM
36-Port Managed Gigabit Switch
with 32-ports PoE and 4xSFP Uplink

Included Accessories



(1) USB Mouse



(1) Remote Control



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. 3/7/24

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Model			NRD
Video	Input	Max. IP Channels	16
		IP Camera	H.264/H.265/H.265+
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)
Audio	Network Input		16 Ch. IPC audio input
	2-way Audio		RCaX1
	Local Output		RCaX1
Recording	Encoding Resolutions		8MP/5MP/4MP/3MP/1080P/720P/960H/D1/CIF
	Codec		H.264/H.265 (Auto Detection)
	Max Frame Rate per Channel		NTSC @ 30fps
	Recording Mode		Motion/Sensor/Manual/Exception/AI
	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		8MP/5MP/4MP/3MP/1080P/720P/960H/D1/CIF
	Playback Functions		Play, pause, FF, REW, Digital zoom, etc.
Backup	Media		USB drive, Network
	Format		JPG, AVI, ZIP (Player+Proprietary Data)
Storage	HDD	Max Capacity of each HDD	20TB
		Internal SATA ports	2
	USB	Front	1 USB 2.0
		Rear	1 USB 3.0
Alarm	Mode		Manual, Sensor, Motion, Exception, AI
	Input		8 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		160Mbps
	P2P/Dynamic DNS		Free US-Based Speco P2P and DDNS Service
	Network Protocols		TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP
	Network Ports		RJ 45 1000 Mbps x2
Network Access	Mobile		iOS/Android via Speco Blue App, SecureGuard® Client
	Other Viewing Platforms		Apple TV and Amazon Fire TV
	Web Viewer		Google Chrome, Edge, Safari, FireFox, Windows IE
	VMS/CMS		SecureGuard®, Speco Blue VMS
	Max. User Access		Max 10 users online (web client)
Features	Digital Zoom		Live and Playback, Free Size
	Fisheye Dewarping*		Yes
	Smart Analysis**		Facial Recognition, Crowd Density, People Counting, Object Detection, Tampering, Tripwire, Intrusion
	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)
	Operating Humidity		10% - 90% humidity
Dimensions	Unit		300mm x 248mm x 52mm (11.8" x 9.8" x 2.0")

*with Speco Blue fisheye cameras

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