



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



Configurations

N16NRD2TB	N16NRD16TB
N16NRD4TB	N16NRD20TB
N16NRD6TB	N16NRD24TB
N16NRD8TB	N16NRD32TB
N16NRD12TB	N16NRD40TB



Key Features

EZ Wizards - For ease of use and setup

Camera: quickly discover and install all Speco IP cameras

Setup: for quick setup of general settings

Network: network setup and port forwarding

Record: quickly 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

- 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, your Apple TV, Amazon Fire TV, or your mobile device
- Easy video exporting via USB
- Remote control included
- 5 year limited warranty***

*with Speco Smart Analytic Cameras

**with Speco Facial Recognition Cameras

***Excludes Hard Drive



Optional Accessories

P455G 5 Port Gigabit Network Switch (4 ports PoE, 1 port Uplink)	P859G 9 Port Gigabit Network Switch (8 ports PoE, 1 port Uplink)	P24S26G 26-port Gigabit Network Switch with 24-ports PoE	P32S36GM 36-Port Managed Gigabit Switch with 32-ports PoE and 4xSFP Uplink

† Limited Warranty/ Hard drives excluded. Check www.specotech.com for more details. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. Amazon's trademark is used under license from Amazon.com, Inc. or its affiliates. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. 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. 11/18/22

Apps available from the following:



800-645-5516 • Fax: 631-957-9142 or 631-957-3880 • specotech.com



**Technical Specifications:****4K H.265 NVR with Facial Recognition Smart Analytics and Dual LAN Ports**

Model		N16NRD	
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	Supported 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/Intelligence
	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
	Playback Functions		Play, pause, FF, FB, 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, intelligence
	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, Fire Fox, Windows IE
	VMS/CMS		SecureGuard®
	Max. User Access		Max 10 users online (web client)
Features	Digital Zoom		Live and Playback, Free Size
	Smart Analysis		Facial Recognition, Crowd Density, People Counting, Object Detection, Tampering, Tripwire, Intrusion
	S.M.A.R.T		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")

*Does not have built in DHCP server

Please note that specifications and unit exterior design are subject to change without notification. Rev. 11/29/22

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