



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

N8NRE

8 Channel Facial Recognition NVR with Built-in PoE Ports

N16NRE

16 Channel Facial Recognition NVR with Built-in PoE Ports

N32NRE

32 Channel Facial Recognition NVR



Configurations

N8NRE2TB	N8NRE14TB	N16NRE12TB	N32NRE3TB	N32NRE24TB
N8NRE3TB	N16NRE2TB	N16NRE14TB	N32NRE4TB	N32NRE32TB
N8NRE4TB	N16NRE3TB	N16NRE16TB	N32NRE6TB	N32NRE64TB
N8NRE6TB	N16NRE4TB	N16NRE24TB	N32NRE8TB	N32NRE96TB
N8NRE8TB	N16NRE6TB	N16NRE28TB	N32NRE12TB	N32NRE112TB
N8NRE12TB	N16NRE8TB	N32NRE2TB	N32NRE16TB	

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

- Real time recording up to 8MP resolution (4K) at 30fps
- H.265 compression - Store up to 2x more than H.264!
- 4K HDMI out and one VGA monitor output,
(N32NRE: additional storage via 2 eSATA ports)
- N8NRE: 1 SATA port for up to 14TB of storage max
N16NRE: 2 SATA ports for up to 28TB of storage max
N32NRE: 8 SATA ports for up to 112TB of storage max
- Facial Recognition and Comparison**
- 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, Apple TV, Amazon Fire TV, or your mobile device
- Easy video exporting via USB
- Remote control included
- 5 year limited warranty¹

*with Speco Smart Analytic Cameras

**with Speco Facial Recognition Cameras



Front panel



Rear panel (N32NRE shown)



Rear panel (N8NRE shown)



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 (N8NRE & N16NRE)
- Supports 2-way audio communication (speaker required)
- Works with a majority of cameras that are conformant with ONVIF Profile S

INTEGRATED WITH
speco access



- Auto Live Camera Pop-Up
- View A Camera
- Event Tag

Optional Accessory



P16S18

18 Port Switch with 16 Port PoE
(for N32NRE)

¹Limited 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. 8/3/20

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 and Smart Analytics

Model			NRE		
Video	Input	Max. IP Channels	8	16	32
		IP Camera	H.264/H.265 Auto Detection (Max. 8MP)		
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)		
		Sub Monitor	-	1 HDMI	
Audio	Network Input		8 Ch. IPC audio input	16 Ch. audio input	32 Ch. IPC audio input
	2-way Audio		RCAx1		
	Local Output		RCAx1		
Recording	Encoding Resolutions		8MP/5MP/4MP/3MP/1080P/720P		
	Codec		H.264/H.265 (Auto Detection)		
	Max Frame Rate per Channel		Any Resolution @30fps		
	Recording Mode		Analytics/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. 8 Ch.	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	14TB		
		Internal SATA ports	1	2	8
	USB	Front	1 USB 2.0		
		Rear	1 USB 3.0	2 USBs: 1 USB 2.0, 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		80Mbps	160Mbps	256Mbps
	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		
	Other Viewing Platforms		Apple TV and Amazon Fire TV		
	Web Viewer		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		
	ONVIF Support		ONVIF 2.6		
	S.M.A.R.T		Temperature, Power On Time, Bad Sectors and Health		
Power	Power Consumption		≤ 15W (without HDD)		
Environment	Operating Temperature		-4°F ~ 122°F (-10°C ~ 50°C)		
	Operating Humidity		10% ~ 90% humidity		
Dimensions	Unit		300mm x 248mm x 52mm (11.8" x 9.8" x 2.0")	380mm x 268mm x 52mm (15.0" x 10.6" x 2.0")	430mm x 453mm x 89mm (16.9" x 17.8" x 3.5")

* Does not have built in DHCP server

Please note that specifications and unit exterior design are subject to change without notification. Rev. 8/3/20

Apps available from the following: