



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

N8NRE

8 Channel Facial Recognition NVR with 8 Built-in PoE Ports

N16NRE

16 Channel Facial Recognition NVR with 16 Built-in PoE Ports

N32NRE

32 Channel Facial Recognition 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 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 16TB of storage max
N16NRE: 2 SATA ports for up to 32TB of storage max
N32NRE: 8 SATA ports for up to 128TB 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 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)



Front panel



Rear panel (N32NRE shown)



Rear panel (N8NRE shown)



Compatible Apps

- Secure Guard**
 - One app to view your Speco Devices on go*
- Speco BLUE**
 - Access your NR and HR Series Recorder to view and playback videos from your camera.



Optional Accessories

 P4S6G 6 Port Gigabit Network Switch (4 ports PoE, 2 port Uplink)	 P8S10G 10 Port Gigabit Network Switch (8 ports PoE, 2 port 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	 (1) Rack Ears
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Storage: 2TB - 128TB

N8NRE2TB	N16NRE2TB	N32NRE2TB	N32NRE24TB	N32NRE128TB
N8NRE4TB	N16NRE4TB	N32NRE4TB	N32NRE32TB	
N8NRE6TB	N16NRE8TB	N32NRE6TB	N32NRE40TB	
N8NRE8TB	N16NRE12TB	N32NRE8TB	N32NRE64TB	
N8NRE12TB	N16NRE16TB	N32NRE12TB	N32NRE70TB	
N8NRE16TB	N16NRE32TB	N32NRE16TB	N32NRE96TB	





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	-		
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/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. 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/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	16TB		
		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, 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	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	-			
	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	Google Chrome, Edge, Safari, FireFox, Windows IE			
	VMS/CMS	SecureGuard®, Speco 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)			
	PoE Ports	8	16	0	
	Power Per PoE Port	15W	15W	N/A	
	Total PoE Power Budget	96W	150W	N/A	
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")	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

**with Speco Blue fisheye cameras

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