IP

4K H.265 NDAA Compliant NVR with Smart Analytics

N4NRN
4 Channel NVR with 4 Built-in PoE+ Ports

N8NRN
8 Channel NVR with 8 Built-in PoE+ Ports

N16NRN
16 Channel NVR with 16 Built-in PoE+ Ports

immix

4K | H.265 | EZ Mobile | EZ WIZARDS | EZ SEARCH 2.0 | ANALYTICS | OBJECT DETECTION | LINE CROSSING | P2P

Configurations

N4NRN2TB	N8NRN2TB	N16NRN2TB	N16NRN16TB
N4NRN4TB	N8NRN4TB	N16NRN4TB	N16NRN24TB
N4NRN6TB	N8NRN6TB	N16NRN6TB	N16NRN32TB
N4NRN8TB	N8NRN8TB	N16NRN8TB	
N4NRN12TB	N8NRN12TB	N16NRN12TB	
N4NRN16TB	N8NRN16TB	N16NRN16TB	

Now Carries Level 1 UL 2900-2-3 Cybersecurity Certification

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
- N4NRN: 1 SATA port for up to 16TB of storage max
  N8NRN: 1 SATA port for up to 16TB of storage max
  N16NRN: 2 SATA ports for up to 32TB of storage max
- Object and line crossing detection and alerts*
- Human and vehicle detection*
- 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 warranty

5 YEAR WARRANTY
*Excludes HDDs

Use With
Secure Guard | Speco BLUE

Front panel

Rear panel (N4NRN shown)

Rear panel (N8NRN 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
- Supports 2-way audio communication (speaker required)

INTEGRATED WITH
speco access

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

NDAA COMPLIANT
*with Speco Smart Analytic Cameras
**Products are in compliance with NDAA Section 889 Part B Guidelines

BLUE SERIES

Apps available from the following:

HDMI® | Download on the App Store | GET IT ON Google Play | available at amazon appstore

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

speco technologies

Model			NRN		
Video	Input	Max. IP Channels	4	8	16
		IP Camera	H.264/H.265 Auto Detection (Max. 8MP)		
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)		
		VGA	VGA		
Audio		Network Input	4 Ch. IPC audio input	8 Ch. audio input	16 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. 4 Ch.	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	16TB		
		Internal SATA ports	1	1	2
	USB	Front	1 USB 2.0		
		Rear	1 USB 2.0		
Alarm		Mode	Manual, sensor, motion, exception, intelligence		
		Input/Output	Supports IPC Alarm In/IPC Alarm Out		
		Linkage	Record/Snapshot/Preset/Email/Pop-up Window		
User I/F		Input Method	IR Remote, Mouse		
Network		Network Bandwidth	40Mbps	80Mbps	96Mbps
		P2P/Dynamic DNS	Free US-Based Speco P2P and DDNS Service		
		Network Protocols	TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP		
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	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)		
		PoE Ports	4	8	16
		Power Per PoE Port	30W	30W	30W
		Total PoE Power Budget	48W	96W	150W
Environment		Operating Temperature	14°F to 122°F (-10°C to 50°C)		
		Operating Humidity	10% ~ 90% humidity		
Dimensions		Unit	300mm x 248mm x 45mm (11.8″ x 9.8″ x 1.8″)	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″)

Please note that specifications and unit exterior design are subject to change without notification. Rev. 8/4/22
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