IP

# 4K H.265 Network Video Recorder with Smart Analytics

## N64NR
64 Channel NVR

## N128NR
128 Channel NVR

4K | ANALYTICS | H.265 | EZ Mobile | EZ WIZARDS | EZ SEARCH 2.0 | P2P

**STORAGE**
6TB - 256TB

| | | | | | |
|---|---|---|---|---|---|
| N64NR6TB | N64NR30TB | N64NR96TB | N128NR16TB | N128NR64TB | N128NR160TB |
| N64NR8TB | N64NR32TB | N64NR112TB | N128NR20TB | N128NR72TB | N128NR192TB |
| N64NR12TB | N64NR40TB | N64NR128TB | N128NR24TB | N128NR80TB | N128NR224TB |
| N64NR16TB | N64NR64TB | N128NR6TB | N128NR30TB | N128NR96TB | N128NR256TB |
| N64NR20TB | N64NR72TB | N128NR8TB | N128NR32TB | N128NR112TB | |
| N64NR24TB | N64NR80TB | N128NR12TB | N128NR40TB | N128NR128TB | |


Front panel - N64NR shown


Rear panel - N64NR shown


Included
Rack ears

Use With

Secure Guard

Speco BLUE

5 YEAR WARRANTY

## 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

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**

- 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, additional storage via 2 eSATA ports
- 8 SATA ports for up to 128TB of storage max (N64NR)
  16 SATA ports for up to 256TB of storage max (N128NR)
- Object and line crossing detection and alerts*
- EZ Search 2.0 - Quickly find an event using time-sliced thumbnail images of your recordings with quick preview
- 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 or your mobile device
- Easy video exporting via USB
- Remote control included
- Rack ears included
- 5 year limited warranty[1]

*with Speco Smart Analytic 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)

INTEGRATED WITH speco access



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

BLUE SERIES

## Optional Accessories


**P4S5G**
5 Port Gigabit Network Switch
(4 ports PoE, 1 port Uplink)


**P8S9G**
9 Port Gigabit Network Switch
(8 ports PoE, 1 port Uplink)


**P24S26G**
26 Port Gigabit Network Switch
(24 ports PoE, 2xSFP Uplink)


**P32S36GM**
36 Port Managed Gigabit Switch
(32 ports PoE, 4xSFP Uplink)

[1]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. 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. 11/3/22

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**Technical Specifications:**
4K H.265 NVR with Smart Analytics

| Model | | | NR | |
|---|---|---|---|---|
| Video | Input | Max. IP Channels | 64 | 128 |
| | | 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 | | 64 Ch. IPC audio input | 128 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 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, USB Portable HDD, Network | |
| | Format | | JPG, AVI, ZIP (Player+Proprietary Data) | |
| Storage | HDD | Max Capacity of each HDD | 16TB | |
| | | Internal SATA ports | 8 | 16 |
| | USB | Front | 1 (USB 2.0) | |
| | | Rear | 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 | | 320Mbps | 384Mbps |
| | 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 | |
| | Web Viewer | | Windows IE | |
| | VMS | | SecureGuard® | |
| | Max. User Access | | Max 10 users online (web client) | |
| Features | Digital Zoom | | Live and Playback, Free Size | |
| | Fisheye Dewarping** | | Yes | |
| | Smart Analysis | | * Crowd Density, People Counting, Object Detection, Tampering, Tripwire, Intrusion, License Plate Recognition | |
| | 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 ) | |
| Dimensions | Unit | | 430mm x 453mm x 89mm (16.9" x 17.8" x 3.5") | 437mm x 483mm x 143mm (17.2" x 19" x 5.6") |

*Does not have built in DHCP server
**with Speco Blue fisheye cameras

Please note that specifications and unit exterior design are subject to change without notification. Rev. 11/3/22

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