# IP 4K H.265 NVR with Smart Analytics

### Without Monitor

## N4WNRM
4-Channel with 4 Built-In PoE Ports

## N8WNRM
8-Channel with 8 Built-In PoE Ports

## N16WNRM
16-Channel with 16 Built-In PoE Ports

### With Monitor

## N4WNRMM
4-Channel with 4 Built-In PoE Ports with Monitor

## N8WNRMM
8-Channel with 8 Built-In PoE Ports with Monitor

## N16WNRMM
16-Channel with 16 Built-In PoE Ports with Monitor



N8WNRM Shown

4K · H.265 · P2P · EZ MOBILE · EZ WIZARDS · EZ SEARCH · AI

speco access · immix · 5 YEAR WARRANTY




### Product Summary
**Speco's NDAA compliant WNRM and WNRMM recorders, will take your footage quality to the next level supporting up to 8MP cameras @ 30fps.**

### Features
- **Real time recording up to 8MP resolution (4K) @ 30fps**
- **H.265 compression - Store up to 2x more than H.264!**
- **4K HDMI output and one VGA monitor output**
- **N4WNRM: 1 SATA port for up to 20TB of storage max**
  **N4WNRMM: 1 SATA port for up to 20TB of storage max**
  **N8WNRM: 1 SATA port for up to 20TB of storage max**
  **N8WNRMM: 1 SATA port for up to 20TB of storage max**
  **N16WNRM: 2 SATA ports for up to 40TB of storage max**
  **N16WNRMM: 2 SATA ports for up to 40TB of storage max**
- **Facial detection***
- **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 or your mobile device**
- **Easy video exporting via USB**
- **Remote control included**
- **5-year limited warranty**

*With Speco Facial Detection Cameras
**With Speco Smart Analytic Cameras

### Compatible Apps
Secure Guard — One app to view your Speco Devices on the go (Speco Silver Line not supported at this time).

Speco BLUE — Access your NR and HR Series Recorder to view and playback videos from your camera.

### Storage: 2TB - 40TB

| Without Monitor | | With Monitor | |
|---|---|---|---|
| N4WNRM2TB | N4WNRM12TB | N4WNRMM2TB | N4WNRMM12TB |
| N4WNRM4TB | N4WNRM16TB | N4WNRMM4TB | N4WNRMM16TB |
| N4WNRM6TB | N4WNRM20TB | N4WNRMM6TB | N4WNRMM20TB |
| N4WNRM8TB | | N4WNRMM8TB | |
| N8WNRM2TB | N8WNRM12TB | N8WNRMM2TB | N8WNRMM12TB |
| N8WNRM4TB | N8WNRM16TB | N8WNRMM4TB | N8WNRMM16TB |
| N8WNRM6TB | N8WNRM20TB | N8WNRMM6TB | N8WNRMM20TB |
| N8WNRM8TB | | N8WNRMM8TB | |
| N16WNRM2TB | N16WNRM16TB | N16WNRMM2TB | N16WNRMM16TB |
| N16WNRM4TB | N16WNRM24TB | N16WNRMM4TB | N16WNRMM24TB |
| N16WNRM6TB | N16WNRM32TB | N16WNRMM6TB | N16WNRMM32TB |
| N16WNRM8TB | N16WNRM40TB | N16WNRMM8TB | N16WNRMM40TB |
| N16WNRM12TB | | N16WNRMM12TB | |

### Optional Accessories


**P4S5O**
5-port IP65 Rated 4 port PoE Switch


**P8S10G**
10-Port Gigabit Network Switch (8 ports PoE, 2 ports uplink)


**P4S5V**
5-Port Gigabit Network Switch (4 ports PoE, 1 port uplink)


**P24S26G2**
26-Port Gigabit Switch with 24-PoE Ports and 2 SFP Uplink


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

## **Technical Specifications** Video Recorder

| Model | | | WNRM & WNRMM Series | | |
|---|---|---|---|---|---|
| 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) | | |
| Audio | Network Input | | 4-CH IPC audio input | 8-CH IPC audio input | 16-CH IPC audio input |
| | Local Input | | RCAx1 | | |
| | Local Output | | RCAx1 | | |
| Recording | Encoding Resolutions | | 8MP/6MP/4MP/3MP/1080P/720P/960H/DI/CIF | | |
| | 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 | | 1 x 8MP @ 30 FPS, 6 x 1080P @ 30 FPS | | |
| | Playback Functions | | Play, pause, fast forward, rewind, digital zoom, etc. | | |
| Backup | Media | | USB drive, network | | |
| | Format | | MP4, JPG, AVI, proprietary format (includes player) | | |
| Storage | HDD | Max Capacity of each HDD | 40TB | | |
| | | 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 | | 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 | | 80Mbps | 80Mbps | 160Mbps |
| | 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 | | |
| | Web Viewer | | Google Chrome®, Microsoft Edge®, Firefox® | | |
| | VMS/CMS | | Speco Blue VMS, SecureGuard® | | |
| | Max. User Access | | Max 64 users access | | |
| Features | Digital Zoom | | Live and playback, free size | | |
| | S.M.A.R.T. | | Temperature, power on time, bad sectors, and health | | |
| Smart Analytics | People/Vehicle Detection | | 4 | 8 | 16 |
| | Facial Detection | | 4 | 8 | 16 |
| | License Plate Recognition | | 4 | 8 | 16 |
| Power | Power Consumption | | ≤ 10W (without HDD) | | |
| | PoE Ports | | 4 | 8 | 16 |
| | Power per PoE Port Max (802.3at) | | 30W | | |
| | Total PoE Power Budget (802.3af/at) | | 48W | 72W | 150W |
| Environment | Operating Temperature | | 14°F to 122°F (-10°C to 50°C ) | | |
| | Operating Humidity | | 10% ~ 90% humidity | | |
| Dimensions | Unit | | 387mm x 298mm x 89mm (15.25" x 11.75" x 3.5") | | 489mm x 413mm x 89mm (19.25" x 16.25" x 3.5") |

NDAA COMPLIANT

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

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BLUE SERIES