

# 4K H.265 NVR with Smart Analytics

## N64NR

64 Channel NVR







Included

Rack ears















N64NR6TB	N64NR16TB	N64NR30TB	N64NR64TB	N64NR96TB
N64NR8TB	N64NR20TB	N64NR32TB	N64NR72TB	N64NR112TB
N64NR12TB	N64NR24TB	N64NR40TB	N64NR80TB	





Rear panel





With

## **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 112TB of storage max
- 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<sup>1</sup>

\*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)





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





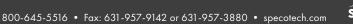
Limited Warranty/Hard drives excluded. Check www.specotech.com for more details. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc.The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered 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. 11/18/21













Video   Process		Mode	el	NR	
Video         IP Comeo         H + 264/H + 265 Aux Detection (Mox 8MF)           Main Monitor         H DMI (Mox AC) and VCPA (Max Full HD)           Audio         Network Input         G. 4C.It. IFC outlo input           Recarding         Act Cl. IFC outlo input           Recarding         Ecool Output         RCAx1           Recarding         Ecool Output         RCAx1           Max Frame Rote per Channel         Asy PS-MP/AMP/3MP/108DP/72DP           Code         H 264/H 2.65 (Julto Detection)           Max Frame Rote per Channel         Any Recultion 3000ps           Pear Recording         Max Frame Rote per Channel         Any Recultion 3000ps           Pear Recording         Max South 3000ps         Recording Mode         Analytics/Continuous/Motion/Sensor/Schedule/Manual           Pear Recording         Max South 3000ps         Recording Mode         Analytics/Continuous/Motion/Sensor/Schedule/Manual           Sounds         Fourth         Max South 300ps         Recording Mode         Analytics/Continuous/Motion/Sensor/Schedule/Manual           Sounds         Fourth         Fourth         Mox South 300ps         Mox South 300ps           Sounds         Sensorial         Execution Mox South 300ps         Mox South 30ps         Mox In University 40ps           Bookup         Mox South 30ps			Max. IP Channels	64	
Adam   Monitor	Video	Input	IP Camera	H.264/H.265 Auto Detection (Max 8MP)	
Network Input			Main Monitor		
Network Input		Output	Sub Monitor		
Audia					
Bockup	۸ا: -	'		-	
Encoding Resolutions   SMP/SMP/AMP/SMP/1080P/720P	Audio				
Recording Max Frame Rate per Channel Any Recolution (300ps) Recording Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Per-Recording Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Per-Recording Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Recording Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Mode EZ Search, Motion, Specific Date/Time, Event, Museum, Bookmarks, Snapshoth, Log Sismultaneous Playback Mode Mode Not 10 display camera records in a certain period of time, different colors refer to different record events Playback Resolutions BNP/SMP/AMP/SMP/1080P/720P Playback Resolutions Playback Resolutio					
Recording Recording Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Pre-Recording Mode Analytics/Continuous/Motion/Sensor/Schedule/Manual Pre-Recording Max. 5 seconds  Max. 5 seconds  Max. 5 seconds  Max. 10 minutes  Search Search EZ Search, Motion, Specific Date/Time, Event, Museum, Bookmarks, Snopshots, Log  Max 16 Ch.  Smart Search Highlighted color to display comer records in a certal period of time, different colors refer to difference of vents  Playback Resolutions BMP/SMP/AMP/3MP/1080P/720P  Playback Resolutions Play, pause, FF, FB, digital zeam, etc.  Playback Resolutions Play, pause, FF, FB, digital zeam, etc.  Playback Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Playback Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, FF, FB, digital zeam, etc.  Play back Resolutions Play, pause, Play, pause,	Recording				
Recording Mede Analytics/Continuous/Motion/Sensor/Schedule/Manual Pre-Recording Max. 5 seconds Post Recording Max. 5 seconds Post Recording Max. 5 seconds  Max. 10 minutes  Search Simultaneous Playback  Simultaneous Playback Playback Playback Resolutions  Backup  Media USB drive, USB Portable HDD, Network Playback Fromat Playback Play		Codec		H.264/H.265 (Auto Detection)	
Recording Mode Pre-Recording Post Recording Post Recording Post Recording Recording Roan Amolytics/Continuous/Motion/Sensor/Schedule/Manual Roan Amount of minutes Search Search Search Playback Playback Playback Playback Playback Resolutions Roan Search Playback Functions Pormat Pormat Roan Roan Roan Roan Roan Roan Roan Roan		Max Frame Rate per Channel		Any Resolution @30fps	
Post Recording   Max. 10 minutes		Recording Mode		Analytics/Continuous/Motion/Sensor/Schedule/Manual	
Search Search Search Simultaneous Playback Max 16 Ch.  Smart Search Playback Playback Playback Playback Playback Resolutions Playback Resolutions Playback Resolutions Playback Resolutions Playback Resolutions Playback Promisers Playback Resolutions Playback Promisers Playback Promisers Playback Promisers Playback Promisers Playback Promisers Playback Promisers P		Pre-Recording		Max. 5 seconds	
Simultaneous Playback  Smart Search  Playback  Smart Search  Playback Resolutions  Playback Resolutions  Playback Resolutions  Playback Functions  Playback Functions  Play, pause, FF, FB, digital zoom, etc.  Playback Functions  Playback Functions			Post Recording	Max. 10 minutes	
Simultaneous Playback  Smart Search  Playback  Smart Search  Playback Resolutions  Playback Resolutions  Playback Resolutions  Playback Functions  Playback Functions  Play, pause, FF, FB, digital zoom, etc.  Playback Functions  Playback Functions	&		Search	EZ Search, Motion, Specific Date/Time, Event, Museum, Bookmarks, Snapshots, Log	
Search & Smart Search   Highlighted color to display comera records in a certain period of filme, different colors refer to different record events		Sim	ultaneous Playback		
Playback Functions   8MP/SMP/1AMP/1080P/720P					
Media	riayback	Plo	yback Resolutions	8MP/5MP/4MP/3MP/1080P/720P	
Format   JPG, AVI, ZIP [Player+Proprietary Data]		PI	ayback Functions		
Format   JPG, AVI, ZIP (Player+Proprietary Data)			Media		
HDD	Backup				
Network   Netw					
Storage   USB		HDD			
Network   Network Protocols   Network Card   Network Card   Network   Net	Storage		-		
Alarm    Mode   Manual, sensor, motion, exception, intelligence		USB			
Output					
Output A Ch local  Linkage Record/Snapshot/Preset/Email/Pop-up Window  IR Remote, Mouse  Network Bandwidth 320Mbps  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  Mobile iOS/Android via Speco Blue App, SecureGuard® Client  Web Viewer Windows IE  Access VMS SecureGuard®  Max. User Access Max 10 users online (web client)  Features 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)	A.I.		Input	8 Ch. local	
User I/F     Input Method     IR Remote, Mouse       Network     Network Bandwidth     320Mbps       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       Mobile     iOS/Android via Speco Blue App, SecureGuard® Client       Web Viewer     Windows IE       Access     Max 10 users online (web client)       Max. User Access     Max 10 users online (web client)       Features     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)	Alarm	Output		4 Ch local	
Network       Network Protocols       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         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       Smart Analysis       * Crowd Density, People Counting, Object Detection, Tampering, Tripwire, Intrusion         Features       Power Consumption       ≤ 15W (without HDD)		Linkage		Record/Snapshot/Preset/Email/Pop-up Window	
P2P/Dynamic DNS       Free US-Based Speco P2P and DDNS Service         Network         Network Protocols       TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP         Dual Network Card       Yes         LAN 1       Recorder         LAN 2       Cameras         Mobile       iOS/Android via Speco Blue App, SecureGuard® Client         Web Viewer       Windows IE         VMS       SecureGuard®         Max 10 users online (web client)         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	User I/F	Input Method		IR Remote, Mouse	
Network       Network       Dual Network Card     Yes       LAN 1     Recorder       LAN 2     Cameras       Mobile     iOS/Android via Speco Blue App, SecureGuard® Client       Web Viewer     Windows IE       VMS     SecureGuard®       Max 10 users online (web client)       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	Network	N	etwork Bandwidth	320Mbps	
Dual Network Card   Yes		P2P/Dynamic DNS		Free US-Based Speco P2P and DDNS Service	
LAN 1     Recorder       LAN 2     Cameras       Mobile     iOS/Android via Speco Blue App, SecureGuard® Client       Windows IE       WMS     SecureGuard®       Max. User Access     Max 10 users online (web client)       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		٨	letwork Protocols	TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP	
LAN 2     Cameras       Network Access     Mobile     iOS/Android via Speco Blue App, SecureGuard® Client       Windows IE       VMS     SecureGuard®       Max 10 users online (web client)       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		Dual Network Card		Yes	
Network Access       Mobile       iOS/Android via Speco Blue App, SecureGuard® Client         Web Viewer       Windows IE         VMS       SecureGuard®         Max 10 users online (web client)         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				Recorder	
Network Access     Windows IE       VMS     SecureGuard®       Max 10 users online (web client)       Digital Zoom     Live and Playback, Free Size       Features     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)					
Access  VMS  SecureGuard®  Max. User Access  Max 10 users online (web client)  Live and Playback, Free Size  Features  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)					
Max. User Access  Max 10 users online (web client)  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)		Web Viewer		Windows IE	
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		VMS		SecureGuard <sup>®</sup>	
Features     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)		Max. User Access		Max 10 users online (web client)	
S.M.A.R.T Temperature, Power On Time, Bad Sectors and Health  Power Power Consumption ≤ 15W (without HDD)	Features			*	
Power Power Consumption ≤ 15W (without HDD)		,			
				·	
Dimensions Unit 30mm x 453mm x 89mm (16.9" x 17.8" x 3.5")	Power				
	Dimensions		Unit	30mm × 453mm × 89mm (16.9" × 17.8" × 3.5")	

<sup>\*</sup>Does not have built in DHCP server









