



4K Plug & Play Network Video Recorder with Built-In PoE

N8NU

8 Channel NVR with 8 Built-In PoE+ Ports

N16NU

16 Channel NVR with 16 Built-In PoE+ Ports



STORAGE
2TB - 40TB

N8NU2TB	N8NU16TB	N16NU2TB	N16NU16TB
N8NU4TB	N8NU24TB	N16NU4TB	N16NU24TB
N8NU6TB	N8NU32TB	N16NU6TB	N16NU32TB
N8NU8TB	N8NU40TB	N16NU8TB	N16NU40TB
N8NU12TB		N16NU12TB	



Front panel



Included
Rack ears



Back panel

N8NU (shown)

Use
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

- Supports up to 4K (3840x2160) resolution for live view, recording, and playback
- Video out: 1 HDMI, 1 VGA, 1 Main, Spot
- Plug & play feature for Speco IP cameras with isolated traffic on the PoE ports
- Find and install IP cameras on the local network without needing to locate the cameras manually
- Supports H.265 and H.264 streams
- Programmable recording on motion detection, sensor, schedule, continuous and manual modes
- Smart (Museum) Search – Quickly search for a specific video event without the need for motion setup
- Networkable with free US-Based Speco DDNS service
- Up to 40TB storage from 4 internal SATA ports
- RAID 1/5/10 support, RAID maximum capacity 16TB
- eSATA port for additional storage
- External DAS supported, up to 40TB
- 2-way audio communication
- Digital Deterrent® for triggering audio message via an event
- Built-in S.M.A.R.T technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Rack ears included
- 5 year limited warranty²

Additional Features

- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Mass alert notification via Twitter
- HTTPS - support for third party SSL certificates
- Switch between low and high quality stream during simultaneous continuous + motion + sensor recording modes for storage optimization
- Easy firmware upgrade by USB port or network
- Network software supports Static IP, DHCP and DDNS
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® VMS, Internet Explorer Web-Viewer and Speco Player Mobile Viewer, Apple TV and Amazon Fire TV
- PC and MAC® compatible
- IR remote control & mouse included
- Rack mountable (hardware included)
- 5 year limited warranty
- UL Listed

¹For supported IP camera models. ²Limited 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. Amazon's trademark is used under license from Amazon.com, Inc. or its affiliates. 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. 4/25/22



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speco technologies

Model			NU	
Video	Input	Max. IP Channels	8	16
		Camera	H.265/H.264 Auto Detection (Max. 4K)	
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)	
		Sub Monitor	CVBS	
Audio	Input/Output		8/1	16/1
	Audio Codec		G.711	
	2-Way Audio		Local Audio - Network Client, Local Audio - IP Camera	
Alarm	Input/Output		4/1	
Serial	RS-485		1	
Recording	Compression		H.265/H.264 (Auto Detection)	
	Max Bitrate per Channel		4K @ 8Mbps	
	Max Frame Rate per Channel		Any Resolution @ 30fps	
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual	
	Pre-Recording		Max. 20 seconds	
	Post Recording		Max. 60 seconds	
Playback	Search		Quick, Date/Time, Archive, Log	
	Multi-Decoding		1, 4, 8	1, 4, 9, 16
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, & x64	
Backup	Media		USB flash drive, External HDD, Network	
	Format		BMP, AVI, EXE (Player + Data), NSF (Proprietary Format)	
	Huge Backup		Yes (Max. 24 hours)	
Storage	HDD	Capacity of 1 HDD	Up to 10TB	
		Internal HDDs	4	
		RAID	RAID 1/5/10, RAID Maximum Capacity 16TB	
		e-SATA	1	
		Extension	External DAS (Max. 40TB, RAID)	
	USB	Front	2	
		Rear	1	
User I/F	Input Method		IR Remote Controller, Mouse, Keyboard Controller (Option)	
Network	Network Interface		1 Gbps + 8 PoE	1 Gbps + 16 PoE
	Dynamic DNS		Yes (Free Speco US-based DDNS)	
	Sub-stream for Network		Max. 640x360 @ 30fps / Channel	
Features	Digital Zoom		Free Size on Live & Playback mode	
	NTP (Network Time Protocol)		Once, Time, and Periodic	
	S.M.A.R.T.		Temperature, Power on Time, Bad Sector and Health	
	Multi-Language		Support	
	System Event Notification		Health, Restart, Shutdown, Panic, Alarm, Motion, HDD, Fan	
Network Access	3G/4G Mobile		iPad / iPhone / Android	
	Web Viewer		Windows	
	PC Client		SecureGuard® VMS and SpecoTech Multi Client (Live Search, Backup, PTZ, Remote Setup)	
	Remote Setup and Upgrade		Simple Web Setup and Upgrade	
Power	Power Supply Voltage		100~240V AC	
	PoE Ports		8	16
	Power Per PoE Port		8 Ports @ 7W, 7 Ports 15.4W, or 3 Ports @ 30.8W	16 Ports @ 7W, 12 Ports 15.4W, or 6 Ports @ 30.8W
	Total PoE Power Budget		110W	185W
Temperature	Operation		41°F ~ 104°F (5°C ~ 40°C)	
	Storage		14°F ~ 122°F (-10°C ~ 50°C)	
Humidity	Operation		20% ~ 80% (Non-condensing)	
Weight	Unit Weight (Gross Weight)		9.0 lbs (13.6 lbs) 4.1 Kgs (6.2 Kgs)	
Dimensions	Unit Dimensions (W x H x D)		15.0" (W) x 13.4" (H) x 2.8" (D)	