

NS Plug & Play Network Video Recorder

N4NS	4 Channel Network Video Recorder
N8NS	8 Channel Network Video Recorder
N16NS	16 Channel Network Video Recorder

Storage 1TB – 12TB

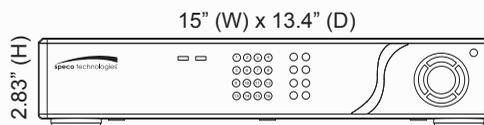
N4NS1TB	N8NS1TB	N16NS2TB
N4NS2TB	N8NS2TB	N16NS3TB
N4NS3TB	N8NS3TB	N16NS4TB
N4NS4TB	N8NS4TB	N16NS6TB
N4NS6TB	N8NS6TB	N16NS9TB
N4NS9TB	N8NS9TB	N16NS12TB



Front panel



Rear panel



Features

EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto copy what you are playing onto a USB flash drive

- Video Out: 1 HDMI, 1 VGA, 1 CVBS
- 8 and 16 channel NVR supports up to 5MP resolution on channel 1
- 4 channel NVR supports up to 3MP resolution on channel 1
- Plug & play feature with Speco's OnSIP/VIP/ZIP cameras
- Conformant with ONVIF profile S
- Dual network ports for isolating IP camera network and remote network traffic
- Supports all H.264 compression profiles (baseline, main and high)
- Network video recorder with free Speco DDNS server
- Digital Deterrent® for triggering audio message via motion detection or sensor
- 2-way audio communication
- Full HD (1920 x 1080) recording and playback
- Supports wireless access point for viewing and configuration
- Built-in S.M.A.R.T. Technology
(Self-Monitoring, Analysis and Reporting Technology for HDD)

- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- 4/8/16 channel selectable local or IP camera audio recording
- Easy firmware upgrade by USB port or network
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Supports multiple PC based browsers such as Internet Explorer, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® VMS and Speco Player Mobile Viewer
- PC and MAC® compatible
- 5 year warranty¹

Optional Accessories



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit



DSWFUSB
USB Wireless
Access Point



POE4SW6
4 PoE Port 10/100
802.3af/ at Switches



POE8SW9
8 PoE Port 10/100
802.3af/ at Switches



POE16SW18
16 PoE Port 10/100
802.3af/ at Switches

¹Effective on all new purchases as of 2/1/17. Hard drives excluded. Visit www.specotech.com/onvif.html for latest ONVIF support. ONVIF is a trademark of Onvif, Inc. Check www.specotech.com for more details. 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. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. 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. 3/6/17


Technical Specifications:
 NS Plug & Play Network Video Recorder

ITEM		NS				
Video	Input	IP Channel	4	8	16	
		Video Loss Check	Yes			
	Output	HDMI	1 HDMI (1920x1080, 1280x720)			
		VGA	1 VGA (1920x1080, 1280x720)			
CVBS		Main				
Audio	Input & Output	4 line input, 4 IP input, 1 line output	8 line input, 8 IP input, 1 line output	16 line input, 16 IP input, 1 line output		
	Audio Codec	G.711				
Alarm	Sensor Input (NC/NO Selectable)	4 local, 4 IP	4 local, 8 IP	4 local, 16 IP		
	Alarm Output	1				
Serial	RS-485	PTZ	1			
Recording	Compression	H.264 (baseline, main, high profile)				
	Multi-Operation	Quadplex (play, record, network, backup)				
	Resolution	1920x1080	120fps	240fps	480fps	
		1280x720	120fps	240fps	480fps	
	Recording Mode	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Sensor / Continuous + Motion				
	Motion Detection	Motion detection configured via IP camera				
	Recording by Channel's Resolution	Yes				
	Pre-Recording	Max. 20 minutes				
Post Recording	Max. 60 seconds					
Playback	Multi-Decoding	1, 4	1, 4, 8	1, 4, 9, 16		
	Search Mode	EZ Search, Date/Time, Event, Archive and Log				
Storage	HDD	Interface Type	Serial ATA			
		Capacity of 1 HDD	3TB	4TB		
		Internal HDD Number	3			
		e-SATA	1			
	Backup	USB Flash Drive	Video & Still Image			
		USB External HDD	Video & Still Image			
		Network	Video & Still Image			
USB Port	3					
User I/F	Menu Display	GUI				
	Input Method	Front Buttons, IR Mouse, Keyboard Controller				
Network	Interface	10/100 base-TX ethernet	10/100/1000 base-TX ethernet			
	Streaming	Depends on profile				
	IP Camera Throughput	20 Mbps	40 Mbps			
Network Access	Mobile Viewer	Live, Search, PTZ, 2-Way Audio				
	PC Web Viewer	Internet Explorer, Chrome, Firefox, Safari (Live, Search, Backup, PTZ, Remote Setup)				
	PC Client	SpecoTech Multi-Client Viewer and SecureGuard® VMS (Live, Search, Backup, PTZ, Remote Setup)				
	MAC Client	Speco Client for MAC and SecureGuard® VMS (Live, Search, Backup, PTZ, Remote Setup)				
Features	Digital Deterrent®	Default + up to 8 custom audio files				
	Digital Zoom	Yes				
	DLS (Daylight Savings)	Yes				
	EZ Record	Yes				
	S.M.A.R.T	Yes				
	Internal Beep	Yes				
	Multi-Language	English / French / Spanish				
	Dynamic DNS	Yes (free Speco DDNS)				
	SW Upgrade	USB and remote software upgrade				
NTP (Network Time Protocol)	Yes					
Power Source	Power Supply Voltage	12VDC, 5A				
Allowable Operating Temperature / Humidity		41° F – 104° F / 20% – 80% RH				
Allowable Storage Temperature		14° F – 122° F				
Weight	Unit Weight (Gross Weight)	12 lbs.				
Dimensions	Unit Dimensions (W x H x D)	15" (W) x 2.83" (H) x 13.4" (D)				

Please note that specifications and unit exterior design are subject to change without notification.