

## NS Plug & Play Network Video Recorder with Built-In PoE

- N4NSP** 4 Channel Network Video Recorder with 4 Channel Built-in PoE
- N8NSP** 8 Channel Network Video Recorder with 8 Channel Built-in PoE
- N16NSF** 16 Channel Network Video Recorder with 16 Channel Built-in PoE

### Storage 1TB – 8TB

N4NSP1TB	N8NSP1TB	N16NSF2TB
N4NSP2TB	N8NSP2TB	N16NSF3TB
N4NSP3TB	N8NSP3TB	N16NSF4TB
N4NSP4TB	N8NSP4TB	N16NSF6TB
N4NSP6TB	N8NSP6TB	N16NSF8TB
	N8NSP8TB	



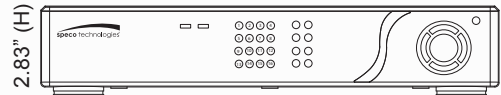
Front panel



Rear panel

N16NSF shown

15" (W) x 13.4" (D)



2.83" (H)

## Features

### EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and portforwarding
- 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/VP/ZIP cameras
- ONVIF support\*
- 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)
- Built-in PoE provides power to IP cameras
- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization

- Local and remote monitoring of PoE ports
- 4 NSP total IP camera power budget: 48W
- 8 NSP total IP camera power budget: 96W
- 4/8 NSP - all channels are 802.3af (15.4W)
- N16NSF total IP camera power budget: 200W
- N16NSF - ch. 1 and 2 support 802.3at (25.5W)  
ch. 3-16 support 802.3af (15.4W)
- 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, Google Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, SecureGuard™ Plus CMS and Speco Player Mobile Viewer
- PC and MAC® compatible
- 3 year warranty

### Free Apps with support for view on most smart devices

\*visit [www.specotech.com/onvif.html](http://www.specotech.com/onvif.html) for latest ONVIF support. 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. 6/3/15



### Optional Accessories



**ERS1V**  
Vented Rack Shelf



**IRRPTKIT**  
IR Repeater Kit



**DSWFUSB**  
USB Wireless  
Access Point

**Technical Specifications:**  
**NS Plug & Play Network Video Recorder with Built-In PoE**

ITEM		NSP		NSF	
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	2		
		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		
	Max. 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™ Plus CMS (Live, Search, Backup, PTZ, Remote Setup)		
	MAC Client		Speco Client for MAC and SecureGuard™ CMS (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		
Power Source	PoE Standard		All ch. 802.3af		1-2 ch. 802.3at / 3-16 ch. 802.3af
	Total PoE Budget		48W	96W	200W
	Power Supply Voltage		12VDC, 5A / 48VDC, 1A	12VDC, 5A / 48VDC, 2A	AC100V ~ 240V, 230WV
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.