

## NS Plug & Play Wall Mount Network Video Recorder

### N4WNS, N8WNS, N16WNS

Base Wall Mount Model

### N4WNSM, N8WNSM, N16WNSM

Wall Mount with Built-In Monitor

### N4WNSP, N8WNSP, N16WNSP

Wall Mount with Built-In PoE

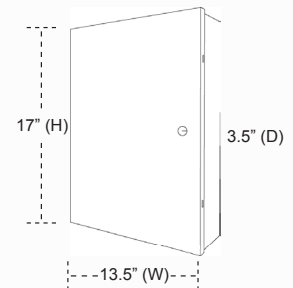
### N4WNSPM, N8WNSPM, N16WNSPM

Wall Mount with Built-In PoE and Monitor

IP



Patented Design



**Storage** 1TB – 9TB (see last page for model numbers)

## 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 all H.264 compression profiles (baseline, main and high)
- **Free U.S.-Based DDNS Server Access**
- 5 year limited warranty<sup>1</sup>
- Custom branding

## Additional Features



- 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
- Conformant with ONVIF profile S
- A patented NVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- Digital Deterrent<sup>®</sup> for triggering audio message via motion detection or sensor

- 2-way audio communication
- Full HD (1920 x 1080) recording and playback
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- 4/8/16 channel selectable local or IP camera audio recording
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- PC and MAC<sup>®</sup> compatible

### Suggested Cameras



O2iD5M



O2iB8M



O2D60M



O2D7M

### Optional Accessories



IRRPTKIT  
IR Repeater Kit



POE4SW6  
4 PoE Port 10/100  
802.3af/ at Switches  
(WNS / WNSM only)



POE8SW9  
8 PoE Port 10/100  
802.3af/ at Switches  
(WNS / WNSM only)



POE16SW18  
16 PoE Port 10/100  
802.3af/ at Switches  
(WNS / WNSM only)







<sup>1</sup>Effective on all new purchases as of 2/1/17. Limited Warranty/Hard drives excluded. <sup>2</sup>Certified I-View Now Ready in 4 and 8 channel NSP NVRs only. ONVIF is a trademark of Onvif, Inc. 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. 7/5/17



# Technical Specifications: NS Wall Mount Network Video Recorder

ITEM		WNS / WNSM / WNSP / WNSPM			
Video	Input	IP Channel	4	8	16
		Video Loss Check	Yes		
	Output	HDMI	1920x1080, 1280x720		
		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 (NS) / 2 (NSP)		
		e-SATA	1		
	Backup	USB Flash Drive	Video & Still Image		
		USB External HDD	Video & Still Image		
		Network	Video & Still Image		
USB Port		3 (NS), 2 (NSP)			
User I/F	Menu Display		GUI		
	Input Method		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	PoE Standard		All ch. 802.3af		
	Total PoE Budget		4 Ch. 48W	8 Ch. 96W	
	Power Supply Voltage		WNS / WNSM: 12VDC, 5A	WNSP / WNSPM: 12VDC, 5A   48VDC, 1A	
Allowable Operating Temperature / Humidity		41° F – 104° F / 20% – 80% RH			
Allowable Storage Temperature		14° F – 122° F			
Weight	Unit Weight (Gross Weight)		WNS / WNSM: 10 lbs.   WNSP / WNSPM: 12 lbs.		
Dimensions	Unit Dimensions (W x H x D)		13.5" (W) x 17" (H) x 3.5" (D)		

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

<b>WNS</b>					
<b>CH.</b>	<b>HDD</b>	<b>Base Model</b>	<b>Built-In Monitor</b>	<b>Built-In Power Supply</b>	<b>Built-In Power Supply and Monitor</b>
<b>4</b>	<b>1TB</b>	N4WNS1TB	N4WNSM1TB	N4WNSP1TB	N4WNSPM1TB
	<b>2TB</b>	N4WNS2TB	N4WNSM2TB	N4WNSP2TB	N4WNSPM2TB
	<b>3TB</b>	N4WNS3TB	N4WNSM3TB	N4WNSP3TB	N4WNSPM3TB
	<b>4TB</b>	N4WNS4TB	N4WNSM4TB	N4WNSP4TB	N4WNSPM4TB
	<b>6TB</b>	N4WNS6TB	N4WNSM6TB	N4WNSP6TB	N4WNSPM6TB
	<b>9TB</b>	N4WNS9TB	N4WNSM9TB	X	X
<b>8</b>	<b>1TB</b>	N8WNS1TB	N8WNSM1TB	N8WNSP1TB	N8WNSPM1TB
	<b>2TB</b>	N8WNS2TB	N8WNSM2TB	N8WNSP2TB	N8WNSPM2TB
	<b>3TB</b>	N8WNS3TB	N8WNSM3TB	N8WNSP3TB	N8WNSPM3TB
	<b>4TB</b>	N8WNS4TB	N8WNSM4TB	N8WNSP4TB	N8WNSPM4TB
	<b>6TB</b>	N8WNS6TB	N8WNSM6TB	N8WNSP6TB	N8WNSPM6TB
	<b>8TB</b>	N8WNS8TB	X	N8WNSP8TB	X
<b>16</b>	<b>9TB</b>	N8WNS9TB	N8WNSM9TB	X	X
	<b>1TB</b>	X	X	X	X
	<b>2TB</b>	N16WNS2TB	N16WNSM2TB	X	X
	<b>3TB</b>	N16WNS3TB	N16WNSM3TB	X	X
	<b>4TB</b>	N16WNS4TB	N16WNSM4TB	X	X
	<b>6TB</b>	N16WNS6TB	N16WNSM6TB	X	X
	<b>8TB</b>	N16WNS8TB	N16WNSM8TB	X	X
	<b>9TB</b>	N16WNS9TB	N16WNSM9TB	X	X