

NS Plug & Play Wall Mount Network Video Recorder

N4WNS, N8WNS, N16WNS

Base Wall Mount Model

N4WNSM, N8WNSM, N16WNSM

Wall Mount with Built-In Monitor

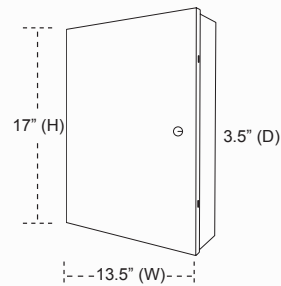
N4WNSP, N8WNSP, N16WNSP

Wall Mount with Built-In PoE

N4WNSPM, N8WNSPM, N16WNSPM

Wall Mount with Built-In PoE and Monitor

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



Patented Design

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/VIP/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)
- A patented NVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- 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, Google Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® CMS and Speco Player Mobile Viewer
- PC and MAC® compatible
- 3 year warranty

Optional Accessories



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit



DSWFUSB
USB Wireless Access Point



POE4SW5
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)

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ITEM		WNS / WNSM / WNPS / 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® 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				
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	WNPS / 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. WNPS / 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.

WNS					
CH.	HDD	Base Model	Built-In Monitor	Built-In Power Supply	Built-In Power Supply and Monitor
4	1TB	N4WNS1TB	N4WNSM1TB	N4WNSP1TB	N4WNSPM1TB
	2TB	N4WNS2TB	N4WNSM2TB	N4WNSP2TB	N4WNSPM2TB
	3TB	N4WNS3TB	N4WNSM3TB	N4WNSP3TB	N4WNSPM3TB
	4TB	N4WNS4TB	N4WNSM4TB	N4WNSP4TB	N4WNSPM4TB
	6TB	N4WNS6TB	N4WNSM6TB	N4WNSP6TB	N4WNSPM6TB
	9TB	N4WNS9TB	N4WNSM9TB	X	X
8	1TB	N8WNS1TB	N8WNSM1TB	N8WNSP1TB	N8WNSPM1TB
	2TB	N8WNS2TB	N8WNSM2TB	N8WNSP2TB	N8WNSPM2TB
	3TB	N8WNS3TB	N8WNSM3TB	N8WNSP3TB	N8WNSPM3TB
	4TB	N8WNS4TB	N8WNSM4TB	N8WNSP4TB	N8WNSPM4TB
	6TB	N8WNS6TB	N8WNSM6TB	N8WNSP6TB	N8WNSPM6TB
	8TB	N8WNS8TB	X	N8WNSP8TB	X
16	9TB	N8WNS9TB	N8WNSM9TB	X	X
	1TB	X	X	X	X
	2TB	N16WNS2TB	N16WNSM2TB	N16WNSP2TB	N16WNSPM2TB
	3TB	N16WNS3TB	N16WNSM3TB	N16WNSP3TB	N16WNSPM3TB
	4TB	N16WNS4TB	N16WNSM4TB	N16WNSP4TB	N16WNSPM4TB
	6TB	N16WNS6TB	N16WNSM6TB	N16WNSP6TB	N16WNSPM6TB
	8TB	N16WNS8TB	N16WNSM8TB	N16WNSP8TB	N16WNSPM8TB
	9TB	N16WNS9TB	N16WNSM9TB	X	X