speco technologies®
simply unique.

NS Plug & Play Wall Mount
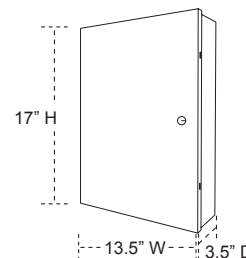# Network Video Recorder **IP**

N4WNS — 4 Channel NVR with Digital Deterrent®
N8WNS — 8 Channel NVR with Digital Deterrent®
N16WNS — 16 Channel NVR with Digital Deterrent®

N4WNS1TB	N8WNS1TB	N16WNS2TB
N4WNS2TB	N8WNS2TB	N16WNS3TB
N4WNS3TB	N8WNS3TB	N16WNS4TB
N4WNS4TB	N8WNS4TB	N16WNS6TB
N4WNS6TB	N8WNS6TB	N16WNS9TB
N4WNS9TB	N8WNS9TB	

2-WAY AUDIO COMMUNICATION · EZ Search · DIGITAL DETERRENT · S.M.A.R.T. · PC/Mac compatible · Available on the App Store · ANDROID APP ON Google play · ONVIF

17" H
13.5" W · 3.5" D
Patented Design

Storage from 1TB up to 9TB
**For the latest mobile apps
and CMS software go to:
www.specotech.com/DVRApps**

Set-Up DVR Wirelessly with Speco's Configurator™ iPad® App — speco technologies

Features

EZ Camera: quickly discovers and installs IP cameras
EZ Setup: for quick system setup
EZ Network: for quick set-up on a network
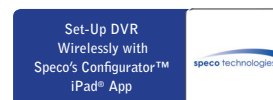**EZ Search:** quickly search events from thumbnails
EZ Record: quickly setup recording resolutions and recording type
EZ Copy: auto copy what you are playing onto a USB flash drive

• Plug & play feature with Speco's OnSIP/VIP cameras
• ONVIF support*
• Dual network ports for isolating IP camera network traffic and remote network
• Supports all H.264 compression profiles (baseline, main and high)
• A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
• Network video recorder with free DDNS server
• Easy and simple graphical user interface
• Digital Deterrent® for triggering audio message via motion detection or sensor
• 2-way audio communication
• Programmable recording on motion detection, sensor, schedule, continuous and manual
• 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)
• 4/8/16 channel selectable local or IP camera audio recording
• Covert camera operation provides enhanced security and administrator control

EZ Set-Up Wizards!
One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence.
• Date/Time • Recording method • Recording video quality • Network

• Password to secure installation authorization
• Easy firmware upgrade by USB port or network
• User Access: up to 4 concurrent users
• 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, Secure Guard® CMS and Speco Player Mobile Viewer
• PC and MAC® compatible
• 3 year warranty
• Free Apps with support for view on iPhone®, iPad® or Android™
  iPhone and Android are trademarks of Apple & Google respectively.

Specifications

Recording Resolutions: D1, 1280x720, 1920x1080
3 internal hard drives
4/8/16 channel audio input, 1 channel audio output
Motion detection, sensor, schedule, continuous and manual recording
Video Outputs: 1 HDMI, 1 VGA, 1 MAIN
USB 2.0 port for snapshot and video clip exporting
Multiple language on-screen menus

IR remote control included
Network software supports Static IP, DHCP and DDNS
Network hardware supports 10/100/1000Mbps
Power Requirement: 12VDC @ 5A
Operating Temperature: 41° F – 104° F
Dimensions: 13.5" (W) x 17" (H) x 3.5" (D)
Weight: 12 lbs.

Optional Accessories

IRRPTKIT
IR Repeater Kit

DSWFUSB
USB Wireless Access Point

*visit www.specotech.com/onvif.html for latest ONVIF support
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.   Rev. 8/2/13

N4WNS / N8WNS / N16WNS Technical Specifications:
NS Plug & Play Wall Mount Network Video Recorder

speco technologies®

Model			N4WNS	N8WNS	N16WNS
Video	Input	IP Camera	4	8	16
		Resolution	Max. 1920 x 1080		
	Output	Main Monitor	VGA and HDMI		
		Sub Monitor	CVBS		
Audio	Input	IP Camera (network)	4	8	16
		Local Input (RCA)	4	8	16
	Output	Local Output (RCA)	1		
	Audio Codec		G.711		
Event	Sensor In	IP Camera (network)	4	8	16
		Local Input (terminal block)	4		
	Local Alarm Output (terminal block)		1		
	Motion Detection (from IP camera)		Yes		
Serial	RS-232C		1		
	RS-485		1		
Network	LAN (IP Camera, Auto Connection)		10/100 Base-T	10/100/1000 Base-T	
	WAN (IP Camera, Remote Access)		10/100 Base-T	10/100/1000 Base-T	
	Protocols		TCP/IP, UDP, DHCP, HTTP, NTP, SMTP, TRP, RTSP, ONVIF		
Recording	Compression		H.264 (baseline, main and high profile)		
	Resolution & Frame Rate	D1	120fps	240fps	480fps
		1280 x 720	120fps	240fps	480fps
		1920 x 1080	120fps	240fps	480fps
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual		
	Pre-Recording		Max. 20 minutes		
	Post Recording		Max. 60 seconds		
Playback	Search		EZSearch, Date/Time, Event, Archive, Log		
	Multi-Decoding		1, 4	1, 4, 8	1,4,8,16
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64		
Backup	Media		USB Drive, External HDD, Network		
	File Format		BMP, AVI, Proprietary Format		
	Large Backup		Yes (max. 24 hours)		
Storage	HDD	Capacity of 1 HDD	3TB	3TB	
		Internal HDDs	3		
		e-SATA	1		
	USB		3		
User I/F	Input Method		IR, Mouse, Keyboard Controller		
Features	Digital Deterrent®		Up to 8 audio files		
	Dynamic DNS		Yes (free Speco DDNS)		
	Digital Zoom		Yes		
	DLS (day light savings)		Yes		
	NTP (network time protocol)		Yes		
	S.M.A.R.T		Yes		
	Internal Beep		Yes		
	Multi-Language		Yes		
	E-mail Notification		Yes		
Network Access	Smartphone Viewer		iPad® / iPhone® / Android™		
	PC Web Viewer		Windows (IE, Chrome, Firefox, Safari)		
	PC Client		SpecoTech Multi-Client Viewer and Secure Guard® CMS		
	MAC Client		Speco Client for MAC and Secure Guard® CMS		
	Remote Setup and Upgrade		Yes		
Power	Power Supply Voltage		12VDC, 5A		
Temperature	Operating Temperature		41° F – 104° F / During Storage: 14° F – 122° F		
Weight	Unit Weight (gross weight)		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.