D8WHU — 8 Channel 4K IP, HD-TVI Hybrid Video Recorder
D16WHU — 16 Channel 4K IP, HD-TVI Hybrid Video Recorder
D8WHUM — 8 Channel 4K IP, HD-TVI Hybrid Video Recorder with Built-In Monitor
D16WHUM — 16 Channel 4K IP, HD-TVI Hybrid Video Recorder with Built-In Monitor

IP | HD TVI | 4K | EZ WIZARDS | RAID | S.M.A.R.T. | + | Twitter | TAA COMPLIANT

**STORAGE
1TB - 40TB**

See last page for model numbers

5 YEAR WARRANTY

Key Features

EZ Wizards - For ease of use and setup

Camera: quickly discover and install 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

• Up to 8MP over coax (HD-TVI) and IP
• Video out: 1 HDMI, 1 VGA, 1 Main, Spot, Looping outputs
• ONVIF compliant
• Each channel is configurable for either IP or HD-TVI
• H.264 video compression
• Networkable with free US-Based Speco DDNS service
• Programmable recording on motion detecton, sensor, schedule, continuous and manual modes
• Up to 40TB storage from 4 internal SATA ports
• RAID 1/5/10 support, RAID maximum capacity 16TB
• eSATA port for additional storage
• Event video upload to Google™ Drive
• Dual Gigabit Ethernet ports to separate camera and LAN traffic
• Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup
• Switch between low and high quality stream during simultaneous continuous + motion + sensor recording modes for storage optimization
• Remote monitoring/recording/playback/configuration/software upgrades and PTZ control via internet

Additional Features

• Instant playback allows for playback of 1 channel while the rest stays in Live mode
• Plug & play feature with Speco's IP cameras
• Signal distance up to 1600 feet[1]
• Mass alert notification via Twitter
• 2-way audio communication via local and IP camera audio service
• HTTPS – support for third party SSL certificates.
• Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
• Easy firmware upgrade by USB port or network
• Network software supports Static IP, DHCP and DDNS
• Network accessible via SpecoTech Multi-Client Software, SecureGuard® VMS, Internet Explorer Web-Viewer and Speco Player Mobile Viewer
• PC and MAC® compatible
• IR remote control & mouse included

Optional Accessories

IOMOD	IRRPTKIT	POE4SW6	POE8SW9	P16S18
External Alarm Box Module	IR Repeater Kit	4 PoE Port 10/100 802.3af/ at Switches	8 PoE Port 10/100 802.3af/ at Switches	16 PoE Port 10/100 802.3af/ at Switches

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		Model		D8WHU	D16WHU
Video	Input	HD-TVI		Max. 4K (All channels)	Max. 4K (Channel 1-8)
		IP Camera (H.264 only)		Max. 4K (All channels)	Max. 4K (All channels)
		Max. Bitrate for Recording		5Mbps/channel	5Mbps/channel
	Output	Main Monitor		VGA and HDMI (Max. 4K)	
		Sub Monitor		CVBS or SPOT (Selective)	
		HD-TVI Loop Output		8	16
Audio	Input	Local Input		8	16
		Remote Input from IP Camera		8	16
	Output	Local Output (RCA)		1	1
	Audio Codec			G.711	
I/O	Sensor In	Local Input (Terminal Block)		8	16
		Remote Input from IP Camera		8	16
	Alarm Output			1	1
Serial	RS-232C			None	
	RS-485			1	
Recording	Compression			H.264	
	Local Resolution & Frame Rate	3840x2160 (8MP)		15fps/channel	15fps/channel
		2592x1944 (5MP)		20fps/channel	20fps/channel
		2688x1520 (4MP)		30fps/channel	30fps/channel
		2560x1440 (QHD)		30fps/channel	30fps/channel
		2304x1296 (3MP)		30fps/channel	30fps/channel
		1920x1080 (2MP)		30fps/channel	30fps/channel
	IP Resolution & Frame Rate	3840x2160 (8MP)		15fps/channel	15fps/channel
	Recording Quality Grade			5 levels	
	Recording Mode			Smart / Continuous / Motion / Sensor / Schedule / Manual	
	Pre-Recording			Max. 20 minutes	
	Post Recording			Max. 60 seconds	
Playback	Search			EZ Search, Motion Search, Date/Time, Event, Archive, Log	
	Multi-Decoding			1, 4, 8	1, 4, 9, 16
	Playback Speed			x0.25, x0.5, x2, x4, x8, x16, x32, x64	
Backup	Media			USB Drive, External HDD, Network	
	Format			AVI, Proprietary Format	
	Huge Backup			Yes (Max. 24 hours)	
Storage	HDD	Capacity of 1 HDD		10TB	
		Internal HDDs		Max. 4ea (RAID 1/5/10)	
		e-SATA		1 (RAID 1/5/10 support), RAID Maximum Capacity 16TB	
	USB	Front		2	
		Rear		2	
User I/F	Input Method			Front Buttons, IR, Mouse, Keyboard Controller	
Network	Private (IP Camera, Auto Connection)			10/100/1000 Base-TX	
	LAN (IP Camera or Remote Access)			10/100/1000 Base-TX	
	Dynamic DNS			Yes (Free DDNS)	
	Dual Encoding for Network			Yes	
Network Access	3G Mobile			iPad / iPhone / Android	
	Web Viewer			Windows (IE)	
	PC Client			Single / Multi Client and SecureGuard VMS®	
	Remote Setup and Upgrade			Yes	
	Streaming	Local Channel		640x360@30fps/channel, 320x180@30fps/channel	
		IP Channel		Relay of the IP Camera's Sub-stream	
Features	Digital Zoom			Yes	
	DLS (Daylight Savings)			Yes	
	NTP (Network Time Protocol)			Yes	
	S.M.A.R.T			Yes	
	Internal Beep			Yes	
	Multi-Language			Yes	
	e-mail Notification			Yes	
Power Source	Power Supply			12VDC, 5A	12VDC, 6.67A
Temperature	Operation			41° F ~ 104° F (5° C ~ 40° C)	
	Storage			14° F ~ 122° F (-10° C ~ 50° C)	
Humidity	Operation			20%~80% (Non-condensing)	
Dimensions	Unit Dimensions (W x H x D)			16" (W) x 19" (H) x 3.5" (D) (380mm x 72mm x 340mm)	

WHU			
CH.	**HDD**	**Base Model**	**Built-In Monitor**
8	**1TB**	D8WHU1TB	D8WHUM1TB
	2TB	D8WHU2TB	D8WHUM2TB
	3TB	D8WHU3TB	D8WHUM3TB
	4TB	D8WHU4TB	D8WHUM4TB
	6TB	D8WHU6TB	D8WHUM6TB
	8TB	D8WHU8TB	D8WHUM8TB
	12TB	D8WHU12TB	D8WHUM12TB
	16TB	D8WHU16TB	D8WHUM16TB
	20TB	D8WHU20TB	D8WHUM20TB
	24TB	D8WHU24TB	D8WHUM24TB
	30TB	D8WHU30TB	D8WHUM30TB
	32TB	D8WHU32TB	D8WHUM32TB
	40TB	D8WHU40TB	D8WHUM40TB
16	**2TB**	D16WHU2TB	D16WHUM2TB
	3TB	D16WHU3TB	D16WHUM3TB
	4TB	D16WHU4TB	D16WHUM4TB
	6TB	D16WHU6TB	D16WHUM6TB
	8TB	D16WHU8TB	D16WHUM8TB
	12TB	D16WHU12TB	D16WHUM12TB
	16TB	D16WHU16TB	D16WHUM16TB
	20TB	D16WHU20TB	D16WHUM20TB
	24TB	D16WHU24TB	D16WHUM24TB
	30TB	D16WHU30TB	D16WHUM30TB
	32TB	D16WHU32TB	D16WHUM32TB
	40TB	D16WHU40TB	D16WHUM40TB

Please note that specifications and unit exterior design are subject to change without notification. Rev. 5/24/19

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