D8HU
8 Channel 4K IP, HD-TVI Hybrid Video Recorder

D16HU
16 Channel 4K IP, HD-TVI Hybrid Video Recorder

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

STORAGE 2TB - 40TB				
	D8HU2TB	D8HU20TB	D16HU2TB	D16HU20TB
	D8HU4TB	D8HU24TB	D16HU4TB	D16HU24TB
	D8HU6TB	D8HU30TB	D16HU6TB	D16HU30TB
	D8HU8TB	D8HU32TB	D16HU8TB	D16HU32TB
	D8HU12TB	D8HU40TB	D16HU12TB	D16HU40TB
	D8HU16TB		D16HU16TB	

Front panel   D8HU shown

Rear panel

Use With

Secure Guard

speco technologies

5 YEAR WARRANTY

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

Included Rack ears

- Up to 8MP over coax (HD-TVI on 8 Channels) and IP
- Video out: 1 HDMI, 1 VGA, 1 Main, Spot, Looping outputs
- 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
- Network accessible via SecureGuard®, Internet Explorer Web-Viewer, SpecoTech Multi-Client Software, and Speco Player Mobile Viewer, Apple TV and Amazon Fire TV.
- PC, Mac®, iPhone®, iPad® and Android™ compatiblew
- Rack ears included
- 5 year warranty
- TAA Compliant
- UL Listed

Additional Features

- Instant playback allows for playback of 1 channel while the rest stays in Live mode
- Plug & play feature with Speco's OnSIP/VIP/ZIP cameras
- Signal distance up to 1600 feet[1]
- Mass alert notification via Twitter
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- 2-way audio communication via local and IP camera audio service
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Supports wireless access point for viewing and configuration
- HTTPS – support for third party SSL certificates.
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Switch between low and high quality stream for IP cameras during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- Easy firmware upgrade by USB port or network
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- 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
- Rack mountable (hardware included)

Optional Accessories

IOMOD External Alarm Box Module	ERS1V Vented Rack Shelf	IRRPTKIT IR Repeater Kit	POE4SW6 4 PoE Port 10/100 802.3af/ at Switches	POE8SW9 8 PoE Port 10/100 802.3af/ at Switches	P16S18 16 PoE Port 10/100 802.3af/ at Switches

		Model	D8HU	D16HU
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		BMP, AVI, Proprietary Format	
	Huge Backup		Yes (Max. 24 hours)	
Storage	HDD	Capacity of 1 HDD	10TB	
		Internal HDDs	Max. 4ea (RAID 1/5/10), RAID Maximum Capacity 16TB	
		e-SATA	1 (RAID 1/5/10 support)	
	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, Chrome, Firefox, Safari)	
	PC Client		Single / Multi Client and SecureGuard VMS®	
	Other Viewing Platforms		Apple TV and Amazon Fire TV	
	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)		15" (W) x 2.8" (H) x 13.4" (D) (380mm x 72mm x 340mm)	