



4-CH HD-TVI 1080p Wall Mount Digital Video Recorder & HD-TVI Camera Kit

ZIPTW4D1

4-CH HD-TVI 1080p Wall Mount DVR, 2TB

(D4WVN2TB)

4 HD-TVI 2MP IR Dome Cameras (VLD9)

ZIPTW4B1

4-CH HD-TVI 1080p Wall Mount DVR, 2TB

(D4WVN2TB)

4 HD-TVI 2MP IR Bullet Cameras (VLB9)



Recorder Features

- EZ Wizards - For ease of use and setup
- Setup: for setup of general settings
- Network: network setup and port forwarding
- Record: setup recording resolutions and recording type
- Search: search for events from thumbnails
- Copy: copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- Backward compatible with all analog cameras
- Signal distance up to 1600 feet¹
- Video Out: 1 HDMI®, 1 VGA, 1 CVBS
- H.264 video compression
- Free U.S.-Based DDNS Server Access
- 5 year warranty²
- Digital Deterrent³ supports up to 8 audio files for triggering during sensor or motion detection
- 2-way audio communication
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Password to secure installation authorization
- Smart (Museum) search - quickly search for a specific video event without the need for setup
- Easy firmware upgrade by USB port or network
- Instant and convenient backup via USB flash drive or network
- Simultaneous playback/record while continuing to network transfer or backup
- User Access: up to 4 concurrent users for live viewing, 1 user for playback
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Network accessible via SpecoTech Multi-Client Software, SecureGuard⁴, Web-Viewer and Speco Player Mobile Viewer
- PC and MAC⁵ compatible
- IR remote control and mouse included
- Digital watermarking

Camera Features

- HD-TVI 2MP @ 30fps
- 2.8mm fixed lens
- IP67 compliant, weather resistant
- 5 year warranty



Camera Specifications

Image Sensor	1/2.8" CMOS, 2MP	1/2.9" CMOS, 2MP
Maximum Resolution	1920 x 1080	
Minimum Illumination	Color: 0.001 lux @ F1.2	0 lux (IR ON)
S/N Ratio	Greater than 52dB	
IR Range	65' (depending on scene reflection)	
Day/Night	IR cut filter	
DNR	Yes	
Video Output	TVI / CVI / AHD / CVBS	

Operating & Unit Specifications

Power	12VDC (power supply not included)	
Power Consumption	IR off (less than 1.5W)	IR off (less than 1W)
	IR on (less than 4.5W)	IR on (less than 3W)
Operating Temperature	-22°F - 122°F	
Unit Dimensions	4.69" (Dia.) x 3.46" (L)	6.59" (L) x 2.93" (W) x 2.93" (H)
Unit Weight	1.28 lbs.	.82 lbs.

Technical Specifications HD-TVI Digital Video Recorder

ITEM			D4WVN
Video	Input	Channel	4
		Signal Distance	Up to 1600 feet (depending on coax quality) ¹
		Input Level	Composite, 1.0Vp-p, 75 ohms
		Signal Format	NTSC / PAL
		Video Loss Check	Yes
	Output	HDMI*	1 HDMI (1024x768, 1280x720, 1280x1024, 1920x1080)
		VGA	1 VGA (1024x768, 1280x720, 1280x1024, 1920x1080)
CVBS / Spot		1 main or 1 spot	
Audio	Input & Output		4 line input & 1 line output
	Audio Codec		G.711
Alarm	Sensor Input		4 channel (NC/NO selectable)
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure
Serial	RS-485	PTZ	1
Recording	Compression		H.264
	Multi-Operation		QUADPLEX (play / record / network / backup)
	Resolution	1080p TVI	60fps
		720p TVI	120fps
		960H Analog	120fps
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor
	Motion Detection		Motion detection setup by grid
	Recording by Channel's Resolution		Yes
	Pre-Recording		Max. 20 minutes
Post Recording		Max. 60 seconds	
Playback	Multi-Decoding		1, 4
	Search Mode		EZ Search, Smart (Museum) Search, Timeline, Event, Archive, Log
Storage	HDD	Interface Type	Serial ATA
		Capacity of 1 HDD	4 TB
		Internal HDD	2
	Backup	USB Flash Drive	Video & Still Image
		USB External HDD	Video & Still Image
		Network	Video & Still Image
	USB Port		2
User I/F	Menu Display		GUI
	Input Method		IR, Mouse, Keyboard Controller
Network	Interface		10/100Base-T
	Streaming		CIF 15fps / channel max.
Network Access	Mobile Viewer		Live, Search, PTZ, 2-Way Audio
	PC Web Viewer		Internet Explorer, Firefox (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		By video loss, HDD error
	Multi-Language		English / Spanish / French
	Dynamic DNS		Yes (free Speco DDNS)
	SW Upgrade		USB and remote software upgrade
	Email Notification		Yes
NTP (Network Time Protocol)		Yes	
Power Source	Power Supply Voltage		12VDC, 3A
Allowable Operating Temperature / Humidity			41° F - 104° F / 20% - 80% RH
Allowable Storage Temperature			14° F - 122° F
Weight	Unit Weight (Gross Weight)		8.5 lbs.
Dimensions	Unit Dimensions (W x H x D)		11.5" (W) x 15" (H) x 3.5" (D)

¹For supported IP camera models. ²Limited Warranty/Hard drives excluded. ³To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield. Check www.specotech.com for more details.



ZIPTW4D1 / ZIPTW4B1

VLD9 & VLB9 Optional Accessories



PSW5
12VDC
Power Supply



CMT1
Corner Mount



PMT1
Pole Mount

VLD9 Optional Accessories



CLT3
Ceiling Mount



WMT1
Wall Mount



FMT3
Flush Mount

D4WVN2TB Optional Accessories



IRRPTKIT
IR Repeater Kit

VLB9 Optional Accessories



CLTX1
Ceiling Mount
4" Extension



O5VLWMJ
Wall Mount



CLT2J
Ceiling Mount



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