



4 Ch. HD-TVI 1080p Wall Mount Digital Video Recorder and HD-TVI Camera Kit

ZIPTW4D1

4 Channel HD-TVI 1080p Wall Mount DVR, 1TB
4 HD-TVI 2MP Outdoor IR Dome Cameras

ZIPTW4B1

4 Channel HD-TVI 1080p Wall Mount DVR, 1TB
4 HD-TVI 3MP Outdoor IR Bullet Cameras



Part Numbers for Kit Contents	
Recorder	D4WVT1TB
Camera	VLD2TW (dome) VLB2TW (bullet)

Key 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

Additional Features

- Digital Deterrent® 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, SecureGuard®, Web-Viewer and Speco Player Mobile Viewer
- PC and MAC® compatible
- IR remote control and mouse included
- Digital watermarking

Camera Features

- HD-TVI 2MP @ 30fps
- 3.6mm fixed lens
- IP66 compliant, weather resistant
- 5 year warranty

Camera Specifications

Image Sensor	1/3" 2MP CMOS
Resolution	1080p/720p
Minimum Illumination	0 lux @F2.0 (IR on) / 0.1 lux @F2.0 (IR off)
S/N Ratio	50dB
Motion Detection	Yes
Day/Night	IR-cut filter
DNR	2D/3D Automatic
Number of IR LEDs	Dome: 24 / Bullet: 28
IR Range	Dome: 32' (depending on scene reflection) Bullet: 60' (depending on scene reflection)

Camera Operating & Unit Specifications

Power Supply	12VDC (power supply not included)
Power Consumption	Dome: 400mA (IR on) / Bullet: 400mA (IR on)
Operating Temperature	-4°F - 104°F
Camera Weights	Dome: 1.1 lbs. / Bullet: 9.6 oz.
Camera Dimensions	Dome: 4.5" (Dia.) x 5" (H) / Bullet: 2.5" (Dia.) x 7.2" (L)
NVR Weight	4 lbs.
NVR Dimensions	11.7" (W) x 2" (H) x 8.25" (D)

Optional Accessories



CVCJBBW
Bullet Camera Junction Box



CVCJBDW
Dome Camera Junction Box



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit

¹To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield. ²Hard drives excluded. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. 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. Spec Rev. 10/31/17





Technical Specifications:

HD-TVI1080p Wall Mount Digital Video Recorder

Model		D4WVT		
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)	

¹To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield. Please note that specifications and unit exterior design are subject to change without notification. Rev. 10/31/17

