



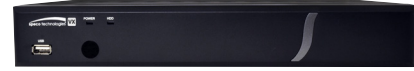
4 Ch. HD-TVI 1080p Digital Video Recorder and HD-TVI Camera Kit

ZIPT4D1

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

ZIPT4B1

4 Channel HD-TVI 1080p DVR, 1TB
4 HD-TVI 2MP IR Bullet Cameras



Front panel



Part Numbers for Kit Contents	
Recorder	D4VX1TB
Cameras	VLD5 (dome) VLB5 (bullet)

Key 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

Additional Recorder Features

- Signal distance up to 1600 feet³
- Video Out: 1 HDMI®, 1 VGA, 1 CVBS
- 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)
- 4 channel audio recording
- Password to secure installation authorization
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Easy firmware upgrade by USB port
- Instant and convenient backup via USB flash drive
- Supports multiple PC based browsers such as Internet Explorer and Firefox
- Simultaneous playback/record while continuing to network transfer or backup
- User Access: up to 12 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 app
- PC and MAC® compatible
- IR remote control and mouse included

Camera Features

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

- Supports up to 4MP @ 15fps over coax (HD-TVI)
- Supports up to 2MP @ 30fps over coax (HD-TVI)
- Backward compatible with all analog cameras
- UTC function allows for zoom/focus and OSD control over coax
- H.264 video compression
- **Free U.S. - Based DDNS Server Access**
- 5 year limited warranty²

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 1W) IR on (less than 4W)	IR off (less than 1W) IR on (less than 3W)
Operating Temperature	-4°F ~ 104°F	-22°F ~ 122°F
Unit Dimensions	4.5" (Dia.) x 5" (L)	6.59" (L) x 2.93" (W) x 2.93" (H)
Unit Weight	1.1lbs	.82lbs

Optional Accessories



ERS1V
Vented Rack Shelf



P16S18
16 PoE Port 10/100
802.3af/at Switches

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. 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. 5/27/21





Technical Specifications: HD-TVI Digital Video Recorder

ITEM		D4VX	
Video	Input	Number of Channels	4
		Camera Types	960H, HD-TVI 1/2/3/4MP
	Output	Main Monitor	VGA and HDMI (Max. 1920x1080)
		Sub Monitor	CVBS or SPOT (Selectable)
Audio	Input & Output		4 line input & 1 line output
	Audio Codec		G.711
	2-Way Audio		Local Port ↔ Network Client
Alarm	Sensor Input		4
	Alarm Output		1
Serial	RS-485		1
Live	Frame Rate with 4MP Cameras		15fps/channel
	Frame Rate with 3MP Cameras		18fps/channel
	Frame Rate with 2MP Cameras		30fps/channel
Recording	Compression		H.264
	Resolution & Frame Rate	2688x1520 (4MP)	10fps/channel
		2304x1296 (3MP)	13fps/channel
		1920x1080 (2MP)	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 Mode		EZ Search, Smart (Museum) Search, Timeline, Event, Archive, Log
	Multi-Decoding		1, 4
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64
Backup	Media		USB Drive, External HDD, Network
	Format		BMP, AVI, Proprietary Format and EXE
	Huge Backup		Yes (Max. 24 hours)
Storage	HDD	Capacity of 1 HDD	10TB
		Internal HDDs	1
		e-SATA	-
	USB	Front	1
		Rear	1
User I/F	Input Method		IR Remote Control, Mouse, Keyboard Controller
Network	Interface		10/100/1000 Base-TX
	Dynamic DNS		Yes (Free DDNS)
	Dual Streaming		Yes
Network Access	3G Mobile		iPad® / iPhone® / Android™
	Web Viewer		Windows (Internet Explorer, Firefox)
	PC Client		SpecoTech Multi-Client Viewer and SecureGuard® VMS
	MAC Client		Speco Client for MAC and SecureGuard® VMS
	Remote Setup and Upgrade		Yes
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
	SW Upgrade		USB upgrade
	Email Notification		Yes
	NTP (Network Time Protocol)		Yes
Power	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)		4 lbs.
Dimensions	Unit Dimensions (W x H x L)		11.8" (W) x 9.9" (H) x 2.0" (L)

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. 5/27/21

