HD TVI

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

ZIPT4D1

4-CH HD-TVI 1080p DVR, 1TB **(D4VX1TB)**

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

ZIPT4B1

4-CH HD-TVI 1080p DVR, 1TB **(D4VX1TB)**

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**
• **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 Acces**
• **5 year limited warranty[2]**
• **Signal distance up to 1600 feet[3]**
• **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**

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	1.1 lbs.	.82 lbs.

Optional Accessories

ERS1V
Vented Rack Shelf

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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)

[1]For supported IP camera models. [2]Limited Warranty/Hard drives excluded. [3]To 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.

www.specotech.com
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