speco technologies®

4 Ch. HD-TVI Digital Video Recorder and HD-TVI Intensifier® Camera Kit

HD-TVI · INT · WDR · HEATER · IP67 · DIGITAL DETERRENT · 2-WAY AUDIO · EZ SEARCH · EZ WIZARDS · S.M.A.R.T.

ZIPT471
4 Channel HD-TVI 1080p DVR, 1TB
4 HD-TVI 1080p Outdoor Intensifier® Dome Cameras

Front panel

Rear panel

13.4" (W)

2.5" (H)   10.3" (D)

5.10" (Dia.)

3.46" (H)

**Shown with included paintable, snap-on Chameleon Cover™

DVR Features

EZ Wizards
- Setup: for quick system setup
- Network: network setup and portforwarding
- Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto copy what you are playing onto a USB flash drive

- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
- Backwards compatible with all analog cameras
- Signal distance up to 1600 feet[1]
- Video Out: 1 HDMI®, 1 VGA, 1 CVBS
- H.264 video compression
- Networkable DVR with free Speco DDNS server
- 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.
- Instant and convenient backup via USB flash drive or network
- 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 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 SecureGuard® and SecureGuard® Mobile
- Mass alert notification via Twitter
- Cloud upload for events via Google Drive
- PC and MAC® compatible
- IR remote control and mouse included
- 5 year warranty[3]

Camera Features

- HD-TVI 1080p @ 30fps
- 2.8-12mm auto iris varifocal lens
- True WDR operation
- Weather resistant
- Additional 960H analog output

- Chameleon Cover™: snaps on and can be painted to match any décor![2]
- IP67 compliant
- 5 year warranty

Camera Specifications
Image Sensor .... 1/3" 2MP CMOS
Resolution..................... 1920x1080 @ 30fps / 1280x720 @ 60fps
Minimum Illumination.... 0.001 lux (sense-up x32)
S/N Ratio .... More than 50dB
Motion Detection........... On / Off (4 zones)
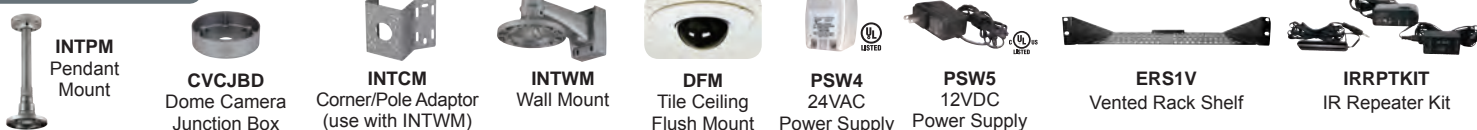
Camera Specifications (continued)
Day/Night......................... Auto / Color / BW / External
White Balance .... Auto / AWB / AWC-Set / Manual

Operating & Unit Specifications
Power .... 12VDC / 24VAC dual voltage (power supply not included)
Power Consumption .... 12VDC, 500mA max. / 24VAC, 195mA max.
Operating Temperature..... -4° F – 140° F
Operating Humidity........... 20% – 95% RH
Unit Dimensions .... 3.46" (H) x 5.10" (Dia.)
Unit Weight .... 1 lb.
Certifications.................... FCC, RoHS
Signal Distance................ Up to 1600 feet (depending on coax quality)[1]

Optional Accessories

INTPM Pendant Mount	**CVCJBD** Dome Camera Junction Box	**INTCM** Corner/Pole Adaptor (use with INTWM)	**INTWM** Wall Mount	**DFM** Tile Ceiling Flush Mount	**PSW4** 24VAC Power Supply	**PSW5** 12VDC Power Supply	**ERS1V** Vented Rack Shelf	**IRRPTKIT** IR Repeater Kit

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[1]To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield. [2]Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. [3]Hard 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. 2/17/17

ITEM			D4VT
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		1 front, 1 rear
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® CMS (Live, Search, Backup, PTZ, Remote Setup)
	MAC Client		Speco Client for MAC and SecureGuard® CMS (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)		3.3 lbs.
Dimensions	Unit Dimensions (W x H x D)		13.4" (W) x 2.48" (H) x 10.31" (D)

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