



VTC-T4T3HR2MD

**2.1 Megapixel 4-in-1 HD-TVI /
AHD / CVI / CVBS Motorized
Varifocal Ball/Turret Camera
with 3 High Power IR LED
Illumination**



FEATURES

- 1/2.9" 2.1 Megapixel Sony® Exmor™ Progressive Scan CMOS Sensor
- 30fps live view @ 1920 x 1080p
- True Day/Night by IR Cut Filter
- HD-TVI / HD-CVI / AHD / 960H CVBS Video Output (Selectable)
- Motorized 2.8~12mm MegaPixel IR Corrected Auto Focus Varifocal Lens with CoC
- 3 Integrated High Power Dynamic IR LEDs with up to 135' IR Range
- XD-DNR (2D-DNR + 3D-DNR) Noise Reduction
- Double Shutter Wide Dynamic Range (WDR)
- 16:9 Video format
- IP66 Weather Resistance
- Supports Up The COAX Control (CoC)
- Over 1500' HD Video Transmission (Depending on cable characteristics and integrity)
- Optional Junction Box Mount Available (VT-TJB04)
- 12VDC / 24VAC Dual Voltage Operation
- 3 Year Warranty



VITEK

Safety Precaution

- To prevent electrical shock and risk of fire hazards, do not expose this unit to rain or moisture and only use specified power source..



The symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.



The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

• Warning :

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

• Caution :

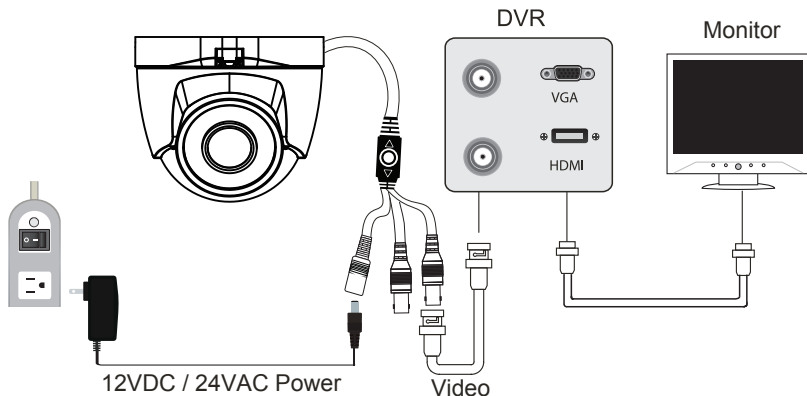
Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Main power quality should be that of a typical commercial environment. If the user of the model requires continued operation during power interruptions, it is recommended that the device be powered from an uninterruptible power supply (UPS).

Installation

- 1) Disconnect power before installation.
- 2) Confirm proper 12VDC or 24VAC power supply is used to prevent damage to the camera.
- 3) Do not use in an environment beyond the boundaries of the specifications.

Power & Video Connections

Connect the HD-TVI Video or AHD/CVBS video connector to a BNC patch cable, then to a DVR. Next connect the power connector to a 12VDC or 24VAC power adaptor.



BNC Connections:

Green: HD Connection

Yellow: SD Connection



On Cable Switch:

Press & Hold button to cycle between HD-TVI, AHD, and CVI Modes (Green BNC Connection required).

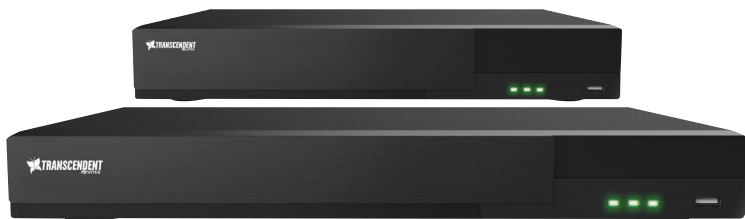
Press & Release the Switch quickly to enter OSD Menu Screen.

Main Menu		Secondary menu			
LENS	ELC	NORMAL, DEBLUR			
	ALC	INDOOR, OUTDOOR, DEBLUR			
EXPOSURE	BRIGHTNESS	0~20			
	SHUTTER	AUTO, MANUAL, FLICKER			
	SENS-UP	OFF, X2, X4, X8, X16, X32			
	AGC	0~20			
WHITE BALANCE	AUTO				
	AUTOext				
	PRESET				
	MANUAL	KELVIN	LOW, MIDDLE, HIGH		
		R-GAIN	0~20		
B-GAIN		0~20			
BACKLIGHT	OFF				
	HLC	MODE	ALL DAY, NIGHT ONLY		
		LEVEL	0~20		
	BLC	H-POS	0~20		
		V-POS	0~20		
		H-SIZE	0~20		
		V-SIZE	0~20		
	WDR	WEIGHT	LOW, MIDDLE, HIGH		
DNR	OFF, LOW, MIDDLE, HIGH				
DAY&NIGHT	MODE	AUTO, COLOR, B&W, EXTERN			
	DELAY	0~20			
	D->N LEVE	0~20			
	N->D LEVE	0~20			
	IR LED	OFF, ON			
	SMART-IR LVL	0~20			
	POLARITY	HIGH, LOW			
IMAGE	SHARPNESS	0~20			
	COLOR GAIN	0~20			
	FREEZE	OFF, ON			
	FLIP	OFF, H-INV, V-INV, HV-INV			
	ACE	OFF, LOW, MIDDLE, HIGH			
	GAMMA	0.45, 0.5, 0.55, 0.6, 0.65			
	DEFOG	OFF			
		ON	MODE	AUTO, MANUAL	
			LEVEL	LOW, MIDDLE, HIGH	

Main Menu		Secondary menu				
SPECIAL	SYSTEM	OUTPUT MOD		E1080P, 720P		
		COLOR SPACE		HD-CbCr, YUV, SD-CbCr		
		FRAME RATE		25/30, 50/60		
		CVBS		PAL, NTSC		
		BLACK LEVEL	FULL			
			COMP			
			USER	OFFSET	0~20	
	VERSION		V0.0.2			
	LANGUAGE	ENG, CHN				
	PRIVACY	ON	OFF			
			ON	ZONE NUM	0~15	
				ZONE DISP	OFF, ON	
				H-POS	0~60	
				V-POS	0~40	
				H-SIZE	0~40	
				V-SIZE	0~40	
				Y LEVEL	0~20	
				CR LEVEL	0~20	
				CB LEVEL	0~20	
	MOTION	ON	OFF			
			ON	SENSITIVITY	0~20	
				WINDOW TONE	0~6	
				WINDOW USE	0~3	
				WINDOW ZONE	OFF, ON	
				DET H-POS	0~60	
				DET V-POS	0~40	
				DET H-SIZE	0~60	
DET V-SIZE				0~40		
ALARM				OFF, ON		
SHADING	OFF					
	ON	WEIGHT	0%~100%			
ADJUST	COLORBAR	OFF, ON				
LENS ADJ	LENS ADJ					
RESET ON						
EXIT						



**CONSIDER THESE OTHER GREAT
TRANSCENDENT PRODUCTS!**



VT-TTAR Series

**Transcend Series 4, 8, and 16 Channel HD-TVI/AHD/960H/IP
Digital Video Recorders**

- 4, 8, or 16 Channel HD-TVI/AHD/960H BNC Inputs + IP Camera Support
- 1-Channel IP Camera Support (VT-TTAR410 / VT-TTAR810) / 4-Channel IP Camera Support (VT-TTAR1620)
- Simple plug and play, point-to-point connection from camera to DVR
- H.264 Compression
- HDMI, VGA, and BNC (Spot) Video Outputs
- 2-Way Audio
- PTZ Control over RS-485
- 4 Alarm inputs / 1 Alarm Output
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 1 Internal SATA2/SATA3 HDD Slot supporting up to 6TB (VT-TTAR410 / VT-TTAR810) / 2 Internal SATA2/SATA3 HDD Slots supporting up to 12TB (VT-TTAR1620)
- Applications for iOS & Android
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Control locally via USB Mouse or IR Remote control

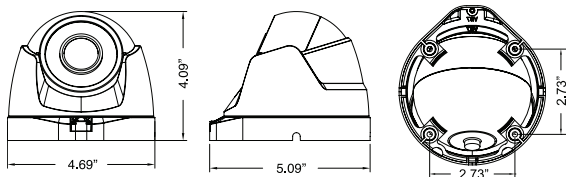


VT-TJB04

**Optional Junction Box for Cable
Management for use with VTC-
T4T3HR2MD & VTC-T4B4HR2MD**

Detailed Specifications

Image Sensor	1/2.9" 2.1 Megapixel Sony® Exmor™ Progressive Scan CMOS Sensor
Signal System	PAL/NTSC
Effective Pixels	1945(H) × 1097 (V)
Resolution	HD-TVI / HD-CVI / AHD: 1080p/720p (2.1 MegaPixel) / CVBS: 960H
Video Output	HD-TVI / HD-CVI / AHD & 960H (Selectable)
Lens	Motorized 2.8~12mmMegaPixel IR Corrected Varifocal Lens
Day/Night	True Day/Night by ICR
Min. Illumination	0.001 Lux @ f2 (B/W) / 0.1Lux @ F2.0 (Color) / 0 Lux (IR ON)
IR LEDs	3x High Power Dynamic IR LEDs
IR Distance	135'
DSS (Sens-Up)	OFF / X2 ~ X32
S/N Ratio	≥50dB (AGC Off)
WDR	Double Shutter Wide Dynamic Range (WDR)
Digital Noise Reduction (DNR)	XD-DNR (2D-DNR & 3D-DNR)
White Balance	Auto / Present / External / Manual
BLC	Adjustable
Defog	Adjustable
Privacy Mask	16 Programmable Areas
Motion Detection	4 Programmable Areas
Up the COAX Control (COC)	YES
Transmission Distance	Up to 1500' (Depending on cable characteristics & integrity)
Power Input	Dual Voltage: 12VDC / 24VAC
Power Consumption (12VDC)	510mA (IR ON) / 120mA (IR OFF)
Power Consumption (24VAC)	255mA (IR ON) / 60mA (IR OFF)
Weather Resistance	IP66
Operation Conditions	-4 ~ 122 / 10%~90% Humidity
Weight	21.52 oz. / 1.34lbs / 610g
Dimensions	4.69" x 4.09" x 5.09" (119 x 104 x 129.4mm)



LIMITED PRODUCT WARRANTY

VITEK products carry a three (3) year limited warranty. VITEK warrants to the purchaser that products manufactured by VITEK are free of any rightful claim of infringement or the like, and when used in the manner intended, will be free of defects in materials and workmanship for a period of three (3) years, or as otherwise stated above, from the date of purchase by the end user. This warranty is nontransferable and extends only to the original buyer or end user customer of a VITEK Authorized Reseller.

The product must have been used only for its intended purpose, and not been subjected to damage by misuse, willful or accidental damage, caused by excessive voltage or lightning.

The product must not have been tampered with in any way or the guarantee will be considered null and void.

This guarantee does not affect your statutory rights.

Contact your local VITEK Reseller should servicing become necessary.

VITEK makes no warranty or guarantee whatsoever with respect to products sold or purchased through unauthorized sales channels. Warranty support is available only if product is purchased through a VITEK Authorized Reseller.



28492 CONSTELLATION ROAD VALENCIA, CA 91355
WWW.VITEKCCTV.COM

Version 1.0
November 2016