



VTD-T4D6HR8MD

**8 Megapixel [4K] 4-in-1 Dual Voltage
Motorized Varifocal WDR
Vandal Dome Camera
with IR LED Illumination**



**4K
8MP**



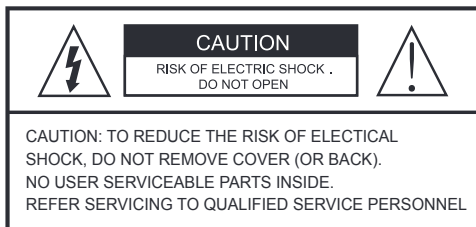
FEATURES

- 1/2.3" 8.0 Megapixel [4K] Progressive Scan CMOS Sensor
- 8MP[4K]@15fps/12.5fps, 4MP@30fps/25fps, 1080P@30fps/25fps
- True Day / Night by IR Cut Filter
- HD-TVI / HD-CVI / AHD / 960H CVBS Video Output (Selectable)
- 3.6~10mm Motorized Varifocal Lens
- 6 Integrated High Power Dynamic IR LEDs with up to 165' IR Range
- 3D-DNR Noise Reduction
- Digital Wide Dynamic Range (D-WDR)
- IP66 Weather Resistance, 4000V Lightning Protection
- Supports CoC (Control over COAX)
- Over 1500' HD Video Transmission (Depending on cable characteristics and integrity)
- 12VDC / 24VAC Dual Voltage Operation
- 3 Year Warranty



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.

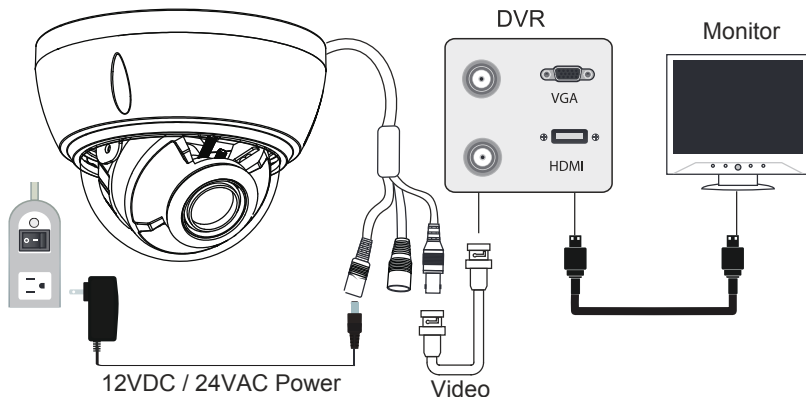
Main power quality should be that of a typical commercial environment. If the user of the model requires continued operation during power interruptions, it is recommended that the device be powered from an uninterruptible power supply (UPS).

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.

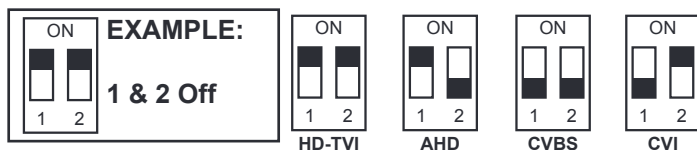
Power & Video Connections

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.



Video Output Mode Switch:

Select the desired video mode using the dip switches contained within the on-cable Output Mode Switch as follows:



OSD INSTRUCTIONS - VTD-T4D6HR8MD

MAIN

AE ↵
AF ↵
AWB ↵
DAY/NIGHT ↵
IMAGE ENHANCE ↵
VIDEO SETTING ↵
LANGUAGE ↵
DWDR
RESET
SAVE & EXIT
EXIT

EXPOSURE

BRIGHTNESS: 1~100 (Default 34)
EXPOSURE MODE: GLOBAL,
BLC 1~7 (Default Global)
RETURN

MAIN

AE ↵
AF ↵
AWB ↵
DAY/NIGHT ↵
IMAGE ENHANCE ↵
VIDEO SETTING ↵
LANGUAGE ↵
DWDR
RESET
SAVE & EXIT
EXIT

AF

AF MODE: SEMI
ZOOM: -/+
FOCUS: -/+
BOOT MODE: SAVE POS
TDN AF: OPEN
FOCUS TRIGGER ↵
LENS INIT ↵
RETURN

MAIN

AE ↵

AF ↵

ABW ↵

DAY/NIGHT ↵

IMAGE ENHANCE ↵

VIDEO SETTING ↵

LANGUAGE ↵

DWDR

RESET

SAVE & EXIT

EXIT

AWB

MODE: PRO, GRAY WORLD (Default PRO)

R GAIN: 1~100 (Default 38)

B GAIN: 1~100 (Default 50)

RETURN

MAIN

AE ↵

AF ↵

AWB ↵

DAY/NIGHT ↵

IMAGE ENHANCE ↵

VIDEO SETTING ↵

LANGUAGE ↵

DWDR

RESET

SAVE & EXIT

EXIT

DAY NIGHT

MODE: EXT, AUTO, COLOR, B/W
(Default EXT)

RETURN

MAIN

AE ↵

AF ↵

AWB ↵

DAY/NIGHT ↵

IMAGE ENHANCE ↵

VIDEO SETTING ↵

LANGUAGE ↵

DWDR

RESET

SAVE & EXIT

EXIT

IMAGE ENHANCE

CONTRAST: AUTO, Manual 1~20 (Default Auto)

SHARPNESS: AUTO, Manual 1~20 (Default Auto)

SATURATE: AUTO, Manual 1~20 (Default Auto)

3DNR: AUTO, Manual 1~20 (Default Auto)

RETURN

MAIN

AE ↵

AF ↵

AWB ↵

DAY/NIGHT ↵

IMAGE ENHANCE ↵

VIDEO SETTING ↵

LANGUAGE ↵

DWDR

RESET

SAVE & EXIT

EXIT

VIDEO SETTING

HD: TVI,CVI,AHD,CVBS (Default TVI)

STANDARD: 8MP15,8MP12.5,4MP25,4MP30,
1080P25,1080P30

RETURN

MAIN

AE ↵
AF ↵
AWB ↵
DAY/NIGHT ↵
IMAGE ENHANCE ↵
VIDEO SETTING ↵
LANGUAGE ↵
DWDR
RESET
SAVE & EXIT
EXIT

LANGUAGE

ENGLISH

MAIN

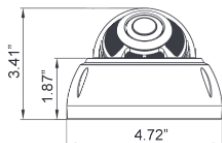
AE ↵
AF ↵
AWB ↵
DAY/NIGHT ↵
IMAGE ENHANCE ↵
VIDEO SETTING ↵
LANGUAGE ↵
WDR
RESET
SAVE & EXIT
EXIT

WDR

WDR ON / OFF (Default ON)

DETAILED SPECIFICATIONS

Image Sensor	1/2.3" 8 Megapixel [4K] Progressive Scan CMOS Sensor
Signal System	PAL/NTSC
Effective Pixels	3840 (H) x 2160 (V) [4K]
Resolution	8MP@15fps/12.5fps, 4MP@30fps/25fps, 1080P@30fps/25fps
Video Output	HD-TVI / HD-CVI / AHD / CVBS (Selectable), 1Vp-p Composite Output(75Ω/BNC), 4-in-1
Lens	Motorized 3.6~10mm MegaPixel IR Corrected Varifocal Lens
Day/Night	True Day/Night by ICR (Extern, Color, B&W, Auto)
Min. Illumination	Color 0.01 LUX @ f2 / BW 0.0 LUX (IR ON)
Shutter Speed	Auto
IR LEDs	6x High Power Dynamic IR LEDs
IR Distance	165' (50M)
Smart IR	YES
OSD Cable	YES
S/N Ratio	≥50dB (AGC Off)
WDR	Off / On
Digital Noise Reduction	XD-DNR (3D-DNR & 2D-DNR)
White Balance	Auto
BLC	Adjustable - GLOBAL / ON: 0~7
Brightness / Sharpness	0~100 Steps, AUTO / MANUAL: 0~20
Control over COAX (COC)	YES
Transmission Distance	Up to 1500' (Depending on cable characteristics & integrity)
Power Input	Dual Voltage: 12VDC / 24VAC
Max Power	8W
Power Consumption (12VDC)	560mA (IR ON) / 280mA (IR OFF)
Power Consumption (24VAC)	280mA (IR ON) / 140mA (IR OFF)
Resistance Rating	IP66 / IK10
Lightning Protection	4000V
Operation Conditions	-4~140F / 10%~90% Humidity
Weight (Net, Shipping)	18.34oz / 1.15lbs / 520g, 21.87oz / 1.37lbs / 620g
Dimensions	4.72" x 3.41" x 4.72" (120cm x 86.5cm x 120mm)





**CONSIDER THESE OTHER GREAT
TRANSCENDENT PRODUCTS!**



Transcend Series 4, 8, and 32 Channel 5-In-1 HD-TVI / AHD / CVI / 960H / IP Digital Video Recorders

- 4, 8, or 32 Channel HD-TVI / AHD / CVI / CVBS BNC Inputs + IP Camera Support
- Simple plug and play, point-to-point connection from camera to DVR
- H.265 / H.264 Compression
- HDMI, VGA, and BNC (Spot) Video Outputs
- 2-Way Audio
- PTZ Control over Coax (Control over COAX) RS-485
- Alarm Inputs and Outputs
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- Free VMS (Video Management Software) Lite and Standard versions available for organized viewing of multiple sites *[For Enterprise version please contact your Vitek Reseller]*
- SATA2/SATA3 HDD Slots supporting up to 10TB ea: Models range from 1~10TB (VT-TR8NHA410), 1~20TB (VT-TR8NHA820), 1~80TB (VT-TR8HA3280)
- Applications for iOS & Android
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports Dynamic and Static IP Addresses
- Control locally via USB Mouse, or with the Included IR Remote control
- 3 Year Warranty
- NDAA Compliance on Select Models



VT-TR4VPK
Video and
Power Balun
Transmitter / Receiver
Pair for HD-TVI /
AHD / CVI for Distances
Up to 1000'



VT-TR4K
Passive Video Balun
Transmitter /
Receiver Pair for
HDI-TVI / AHD / CVI
for Distances up to 1440'

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.



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