



VTD-T4DIR2VD
2 Megapixel Dual Voltage
4-in-1 Indoor Varifocal
WDR Dome Camera
with IR LED Illumination



FEATURES

- 1/2.9" 2.0 Megapixel Progressive Scan CMOS Sensor
- 30fps live view @ 1080P
- True Day / Night by IR Cut Filter
- HD-TVI / HD-CVI / AHD / 960H CVBS Video Output (Selectable)
- 2.8~12mm Varifocal Lens (Manually Adjustable)
- 24 Integrated High Power Dynamic IR LEDs with up to 65' IR Range
- 3D-DNR Noise Reduction
- Digital Wide Dynamic Range (D-WDR)
- Supports CoC (Control over COAX)
- Over 1500' HD Video Transmission (Depending on cable characteristics and integrity)
- 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.

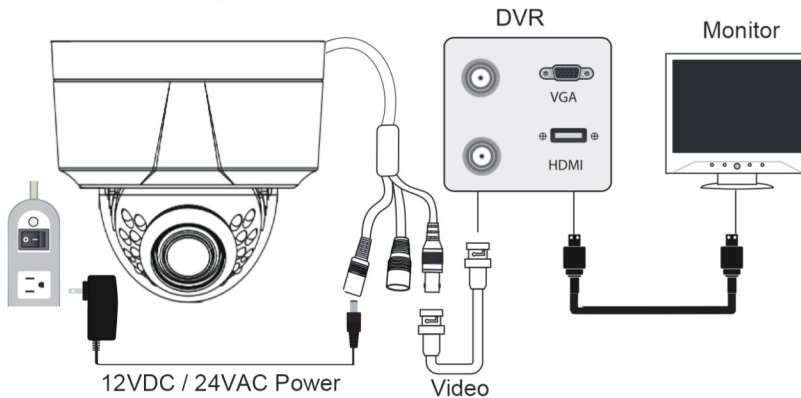
Main power quality should be that of a typical commercial environment. If the user of the model requires continued operation during power interruptions, it is recommended that the device be powered from an uninterruptible power supply (UPS).

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.

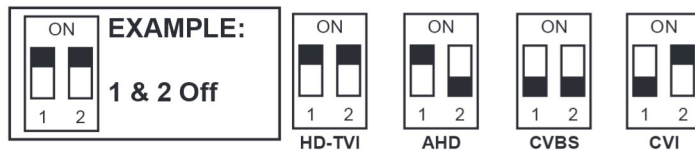
Power & Video Connections

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.



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-T4DIR2VD

MAIN

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

EXPOSURE

BRIGHTNESS:42
EXPOSURE MODE: GLOBAL
RETURN

MAIN

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

AWB

MODE:ATW
RETURN

MAIN

AE

AWB

DAY/NIGHT

IMAGE ENHANCE

VIDEO SETTING

LANGUAGE

FUNC

RESET

SAVE & EXIT

EXIT

DAY NIGHT

MODE: EXT

SMART IR: CLOSE

RETURN

MAIN

AE

AWB

DAY/NIGHT

IMAGE ENHANCE

VIDEO SETTING

LANGUAGE

FUNC

RESET

SAVE & EXIT

EXIT

IMAGE ENHANCE

CONTRAST: AUTO

SHARPNESS: MANUAL 12

SATURATE: AUTO

3DNR:AUTO

2DNR:AUTO

DWDR: CLOSE

FLIP: CLOSE

MIRROR: CLOSE

RETURN

MAIN

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

VIDEO SETTING

HD:TVI
STANDARD:1080P30
RETURN

MAIN

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

LANGUAGE

ENGLISH

MAIN

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

FUNC

PRIVACY ↵
MOTION ↵
RETURN

PRIVACY

MODE: ON
AREA0 ↵
AREA1 ↵
AREA2 ↵
AREA3 ↵
COLOR: RED
TRANSPARENCY: OFF
RETURN

FUNC

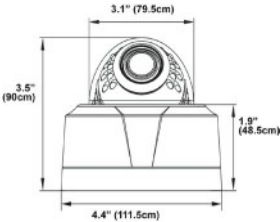
PRIVACY ↵
MOTION ↵
RETURN

MOTION

MODE: ON
AREA0 ↵
AREA1 ↵
AREA2 ↵
AREA3 ↵
COLOR: RED
TRANSPARENCY: OFF
RETURN

DETAILED SPECIFICATIONS

Image Sensor	1/2.9" 2 Megapixel Progressive Scan CMOS Sensor
Signal System	PAL/NTSC
Effective Pixels	1920 (H) × 1080 (V) [1080P]
Resolution	2MP (30fps)
Video Output	HD-TVI / HD-CVI / AHD / CVBS (Selectable), 1Vp-p Composite Output(75Ω/BNC), 4-in-1
Lens	2.8~12mm Varifocal
Day/Night	Auto / Color / B&W / EXT
Min. Illumination	Color: 0.01LUX , BW: 0LUX with IR ON
Shutter Speed	Auto
IR LEDs, Distance	24 IR LEDs, 65' (20M)
Smart IR, OSD Cable	YES, YES
S/N Ratio	≥50dB (AGC Off)
D-WDR (Digital Wide Dynamic Range)	Off / On
Digital Noise Reduction	XD-DNR (3D-DNR, 2D-DNR) Auto / Manual: 0~20
White Balance	Auto
Back Light Compensation	Adjustable - GLOBAL / ON: 0~7
Other Features	Mirror, H-V-REV
Brightness / Sharpness	0~100 Steps, AUTO / MANUAL: 0~20
Privacy Mask, Motion Detection	16 Programmable Areas, 4 Programmable Areas
Control over COAX (COC)	YES
Transmission Distance	Up to 1500' (Depending on cable characteristics & integrity)
Power Input	Dual Voltage: 12VDC / 24VAC
Max Power	3W
Power Consumption (12VDC, 24VDC)	480mA (IR ON) / 160mA (IR OFF)
Power Consumption (24VDC)	240mA (IR ON) / 80mA (IR OFF)
Operating Conditions	-4~140F / <90% Humidity
Weight (Net, Shipping)	9.17oz. / .57lbs. / 260g, 12.70oz. / .79lbs. / 360g
Dimensions (Dia x H)	4.4" × 3.5" (111.5cm × 90cm)





**CONSIDER THESE OTHER GREAT
TRANSCENDENT PRODUCTS!**



**Transcend Series 4, 8, 16 and 32 Channel 5-In-1 HD-TVI / AHD /
CVI / 960H / IP Digital Video Recorders**

- 4, 8, 16 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-TR2NHA410/810), 1~20TB (VT-TR2NHA1620), 1~80TB (VT-TR2HA3280)
- 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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