VTD-TND4RMA4

Transcendent Series 4 MegaPixel Gen. IV Advanced A.I. Motorized IP Vandal Dome Camera

QUICK START GUIDE

Also Available in Charcoal, VTD-TND4RMA4B

NDAA COMPLIANT

FACE DETECTION

INTELLIGENT ANALYTICS

FEATURES:

- 1/3" 4.0 Megapixel CMOS Image Sensor
- NDAA Compliant
- Up to 30fps live view @ 4 MegaPixel (2592x1520)
- 2.8~12mm Motorized Varifocal Lens
- Matrix IR (up to 165' IR Range)
- True Wide Dynamic Range
- True Mechanical Day/Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Gen. IV Advanced Analytics: Regional Entrance / Exit Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification] Face Detection, Object Abandoned / Missing, Heat Map, Video Blur, Video Color Cast Detection, Abnormal Video
- H.265+/H.265/H.264+/H.264/MJPEG
- 1 Ch. Audio In + 1 Ch. Audio Out + Built-in Mic*
- 1 Ch. Alarm Input + 1 Ch. Alarm Output
- CVBS Out
- Remote Viewing via CMS, Internet Explorer, iOS & Android Apps
- ONVIF Compliant
- MicroSD Card Slot for Local Recording (256GB)
- IP67 Weather Resistance + IK10
- Optional Junction Box (VT-TJB010), Wall Mount (VT-TWMT-A2 [reqs. VT-TJB010]), Pendant Mount (VT-TPDMT-A2 [reqs. VT-TJB010]), and In-Ceiling Semi Flush Mount (VT-TFMT-L2) Available
  (see pg. 9 for additional mounting options)
- 12VDC & PoE (Power over Ethernet) Operation

**Please research local, state and federal laws regarding the implementation of audio surveillance.*

PLEASE NOTE:
Complete User Guide, Software, Tools, and Updates are available online. Scan the QR Code or visit: http://www.vitekcctv.com/Downloads

VITEK

Components and Accessories

Camera

Quick start guide

4 tapping screws PA 4×2

Rubber plug

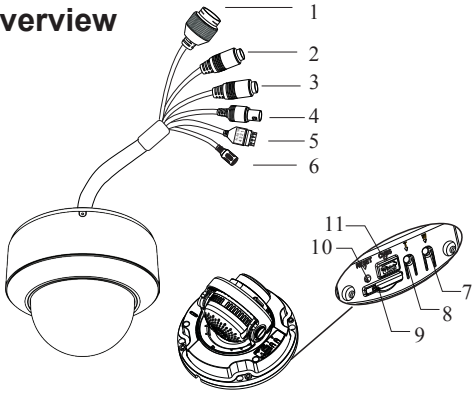
Allen Key

Drill template

Plastic plug ×4

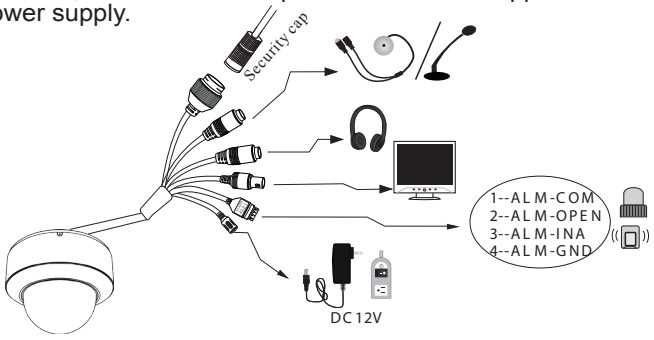
CVBS&DC IN cables

Overview



1 Ethernet Connector
2 Audio Input (MIC)
3 Audio Output (HP)
4 CVBS Video Output
5 Alarm Input/Output
6 DC12V Power Connector
7 Zoom-
8 Zoom+
9 Micro SD Card Slot
10 Reset
11 DC IN & CVBS

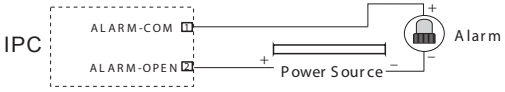
Connect the Weather Resistant Cap to an Ethernet patch cable. Connect the cameras ethernet adaptor. If not powering the camera with PoE, also connect the power Cable to an approved 12VDC Power supply.



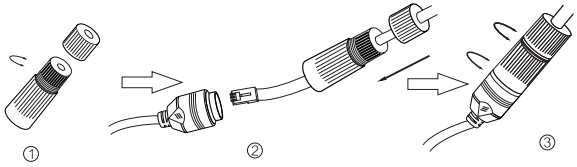
Connecting Alarm Input/Output

Alarm Input

Alarm Output



Weather Resistant Network Coupler

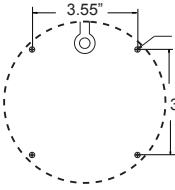


1. Loosen the nut from the Weather Resistant Network Coupler,
2. Run ethernet cable through coupler, then attach a RJ-45 connector.
3. Tighten the nut and coupler for a weather resistant seal.

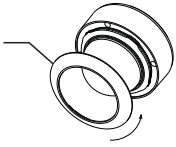
Installation

Before beginning installation, make sure that the wall or ceiling is strong enough to withstand 3 times the weight of the camera. The mounting steps are as follows:

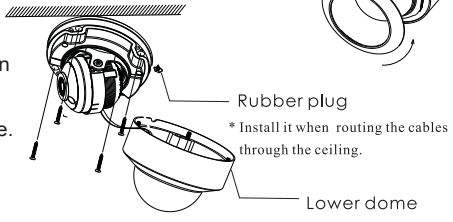
1. Attach the drill template to the place where you want to install the camera, then drill the screw holes and 1 cable hole according to the drill template.



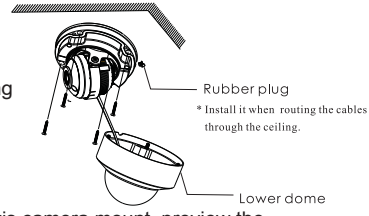
1A. Rotate the trim ring counterclockwise to remove.



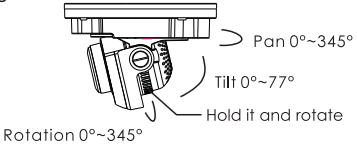
2. Loosen the screws to open the lower dome and then loosen the lock screw to remove the mounting base.



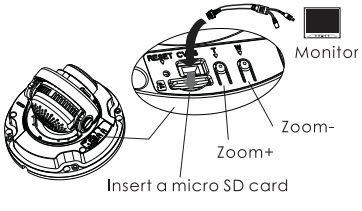
3. Route the cables and connect the power & video cables, use the rubber plug to fill the gap of the mounting base. Then secure the camera to the ceiling or wall with the screws provided.



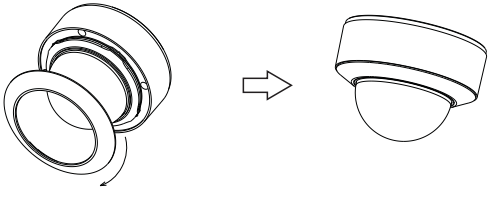
4. Before adjusting the three-axis camera mount, preview the camera on a monitor, then adjust as necessary to achieve the optimum viewing angle.



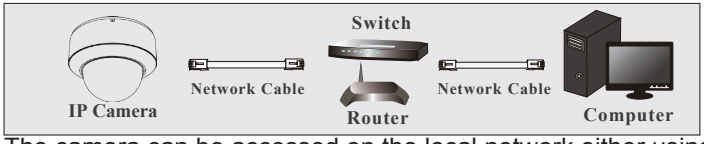
5. Insert a MicroSD card if desired. Adjust the Zoom or Focus to obtain an optimum image by pressing the T or W buttons to adjust.



6. Install the dome bubble on the camera with the included screws. Put the trim ring back on the lower dome and turn it clockwise until it locks. Finally, carefully remove the protective film from the bubble to complete.



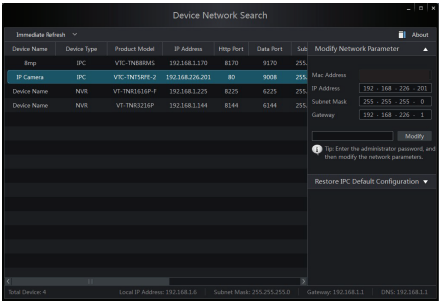
LAN Configuration



The camera can be accessed on the local network either using the IP-Tool or directly in a web browser.

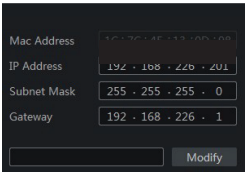
Accessing the Camera Using the IP-Tool

1. Make sure the camera and PC are connected to the LAN.
2. Locate the IP-Tool installer at www.vitekcctv.com/Downloads/Software/Transcendent-IPTool_v2.0.2.zip, then install on the PC. Open the installed application.



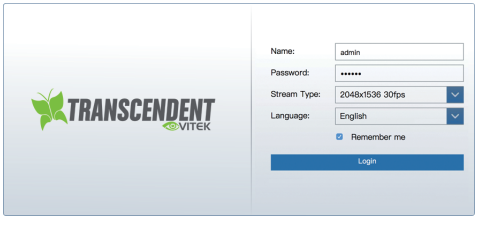
3. Modify the IP address. The default IP address is 192.168.226.201. Click the information of the camera listed in the above table to show the network information on the right side. Modify the IP address and gateway of the camera and make sure its network address is in the same local network segment as the computer's. Please modify the IP address of your device according to the practical situation.

For example, the IP address of your computer is 192.168.13.4. So the IP address of the camera shall be changed to 192.168.13.X. After modification, please input the password of the administrator and click "Modify" button to modify the setting.



** Default admin password: "123456".

4. Double-click the IP address and then the system will pop up the web browser to connect IP-CAM . IE browser will download the Active X control. After downloading, a login window will pop up as shown below:

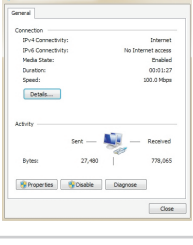


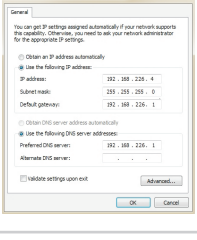
Input the user name and password to log in.
Default user name: admin / Default password: 123456.

Directly Access Through a Web Browser
The default network settings are as shown below:
IP address: 192.168.226.201 HTTP: 80
Subnet Mask: 255.255.255.0 Data Port: 9008
Gateway: 192.168.226.1
You may use the above default settings when you log in the camera for the first time.

1. Manually set the IP address of the PC. The network segment should be the same as the default settings of IP-CAM. Open the network and share center. Click “Local Area Connection” to pop up the following window.

Select “Properties” and then select Internet protocol according to the actual situation (for example: IPV4). Next, click “Properties” button to set the network of the PC.





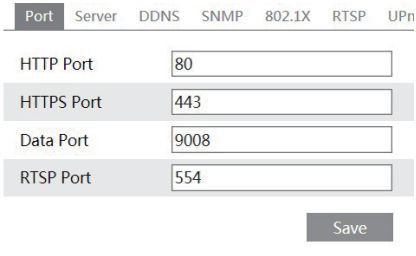
2. Open the IE Browser and input the default address of IP-CAM and confirm. The IE browser will download Active X control.
3. After downloading Active X control, the login dialog box will pop up.
4. Input the default username and password and then enter to view.

WAN Configuration

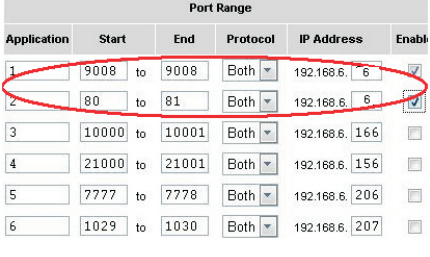
Access the camera by the router or virtual server for example.

1. Make sure the camera is connected to the LAN; Then log into the camera via LAN and go to System Congfig→Network Config→Port menu to set up the port number.

2. Enter System Config→Network Config→IP Address menu to modify the IP address.



3. Go to the router's management interface through IE browser to forward the IP address and port of IP-CAM in the "Virtual Server".



4. Open the web browser and input its WAN IP and HTTP port to access the IP-CAM.

5. For additional setup, features and functions, please scan the QR code on the front page of this quick guide and download the complete manual.

TRANSCENDENT VITEK

NDAA COMPLIANT

VTC-TND4RMA4 Detailed Specifications

Image Sensor	1/3" 4.0 Megapixel CMOS Image Sensor
Image Size	4 MegaPixel (2592 × 1520)
Resolution	4 MP(2592 × 1520) / 3 MP(2304 × 1296) / 1080P(1920 × 1080)
	/ 720P(1280 × 720) / D1 / CIF(480 × 240)
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR
Lens	Motorized 2.8-12mm
Day / Night	True Day/Night by ICR
IR LEDs / IR Distance	3 Matrix / 165'
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio Compression	G.711A / G.711U
Main-Stream	1~30fps: 4MP, 3MP, 1080P, 720P, D1, CIF, 480x240
Bit Rate / Type	64Kbps ~ 8Mbps / VBR, CBR
Wide Dynamic Range (WDR)	120dB Super WDR
Digital Noise Reduction (DNR)	XD-DNR (2D-DNR & 3D-DNR)
Image Setting	Saturation, Brightness, Contrast, WDR, Noise reduction
Gen. IV Advanced Analytics	Regional Entrance / Exit Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification]
	Face Detection, Object Abandoned / Missing, Heat Map, Video Blur, Video Color Cast Detection, Abnormal Video
Smart Alarm	Motion Alarm / Sensor Alarm
Region of Interest (ROI)	Each ROI to be Configured Separately
Network	RJ45
Audio	1 In + 1 Ch. Audio Out + Built-in Mic*
Video Out	1 Ch. CVBS Video Out
Alarm	1 Ch. Alarm Input + 1 Ch. Alarm Output
Local Storage	MicroSD Card Slot (Up to 256GB)
Remote Viewing	CMS / Web Browser / Mobile (iOS/Android)
Supported Browsers	IE, Edge, Chrome and Safari (no plug-in required)
Connection Protocol	ONVIF
Protection / Resistance	IP67 Weather Resistance + IK10 Impact
Power Input	12VDC / PoE
Power Consumption 12VDC, PoE	350mA (LEDs Off) / 750mA (LEDs On), < 9W
Working Environment	-22° ~140° / < 95% Humidity
Weight, Dimensions Dia × H	40.21 Oz / 2.51 lbs. / 1140g, 5.91" × 4.49" (150 mm × 114 mm)

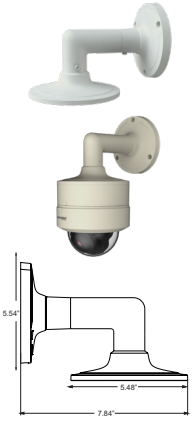
**Please research local, state and federal laws regarding the implementation of audio surveillance.*

OPTIONAL ACCESSORIES AND RELATED PRODUCTS FOR VTD-TND4RMA4

VT-TJB010
Optional Junction Box

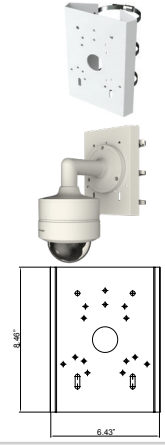
VT-TPDMT-A2
Pendant Mount - reqs. VT-TJB010

VT-TWMT-A2
Wall Mount - reqs. VT-TJB010

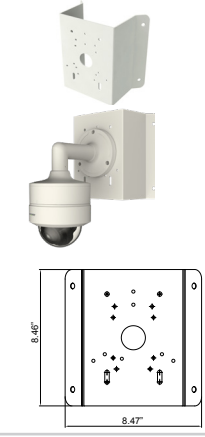


VT-TFMT-L2
Optional Semi Flush Mount

VT-TPLMT
Transcendent Universal Pole Mount



VT-TCNMT
Transcendent Universal Corner Mount



NEWLY UPDATED

Transcendent NVRs

A Standalone Solution with Analytic Support and NDAA Compliance!

NDAA COMPLIANT

VITEK LPR

4K 8MP

INTELLIGENT ANALYTICS

- *8MP (4K) HDMI Output*
- *H.265S / H.265+ / H.265 / H.264 Video Compression*
- *Analytic Support Including Basic Face Detection, License Plate Recognition, and More!*
- *Available in 4, 8, and 16 Channels*
- *Up to 24TB Depending on Model (12TB per HDD)*
- *PoE Support on ALL Models*

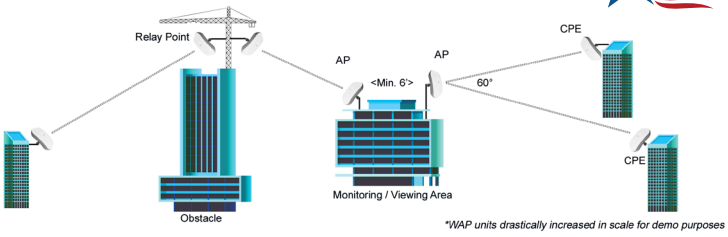
VT-TNR414PN
VT-TNR818PN

VT-TNR1626PN

An Eye On Innovation

Also Consider Vitek NDAA Compliant Wireless Access Points to Reduce Costly Cable Installation!

VT-WAP1150 and VT-WAP2150 High Speed 5.8GHz DIP AP / CPE Wireless Bridge w/ 8MB Storage, 64MB RAM, 150MBps transmission, and Point-to-Multi-Point (P2MP) Topology



**WAP units drastically increased in scale for demo purposes*

With high speed transmission of 150Mbps and a wireless range of **3000ft.** (VT-WAP1150) and **1.25 miles** (VT-WAP2150) these products eliminate the need for expensive and troublesome long-distance cables in areas where CCTV monitoring and rigorous surveillance take place. These small, lightweight and durable units are easy to install and easy to use with an innovative and straightforward 10-button plug-and-play dip switch that facilitates the creation of a robust wireless network without a computer. Set-up can be simply configured for point-to-point or point-to-multipoint topology depending on the application, with up to 128 IP group configurations!

VT-WAP1150

VT-WAP2150

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.

VITEK®
INDUSTRIAL VIDEO PRODUCTS, INC.
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WWW.VITEKCCTV.COM

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