



VTC-TNB4FL-2
Transcendent Series 4
MegaPixel Indoor/Outdoor IP
Fixed Bullet Camera

QUICK START GUIDE



**NDAA
COMPLIANT**

FEATURES

- 1/2.7" 4.0 Megapixel CMOS Image Sensor
- Up to 30fps @ 4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
- 2.8mm Fixed Iris Lens
- Matrix IR with up to 100' IR Range
- Digital Wide Dynamic Range (D-WDR)
- True Mechanical Day/Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Region Intrusion Detection, Scene Change Detection, Line Crossing, Object Removal, Video Blur Detection
- H.265, H.264 Compression
- MicroSD Card Slot for Local Recording (Up to 128GB)
- Remote Viewing via CMS, Internet Explorer, and iOS & Android Apps
- ONVIF Compliant
- IP67 Weather Resistance
- Included Wall / Ceiling Mount & Optional Junction Box Mount Available (VT-TJB08) [for other mount options, see page 9]
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty



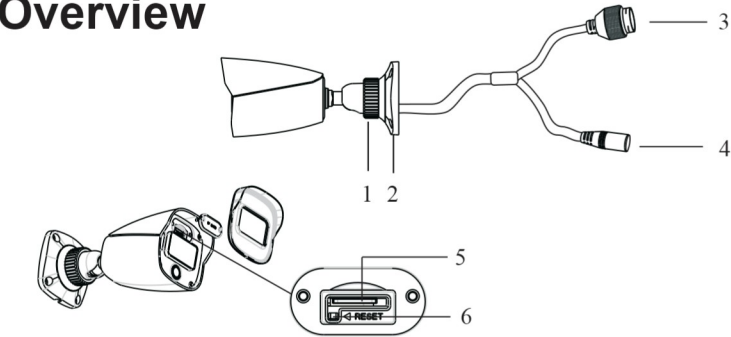
PLEASE NOTE:

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

Components and Accessories

Camera		Drill Template	
Quick Guide		Plastic Plugs	
Screws		Network Coupler	

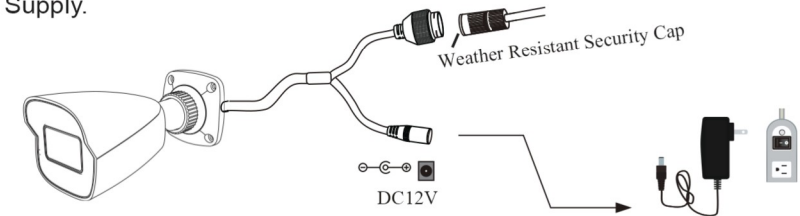
Overview



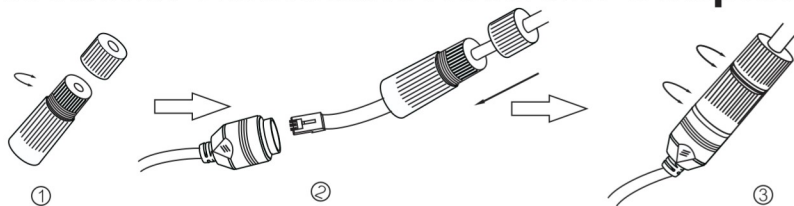
1	Fixed Ring	4	Power Cable
2	Mounting Base	5	Micro SD Card Slot
3	Network Cable	6	Reset

Cable Connections

First connect the Waterproof Cap to an Ethernet patch cable, then connect the cameras ethernet adaptor. If not powering the camera with PoE, also connect the power Cable to an approved 12VDC Power Supply.



Weather Resistant Network Coupler

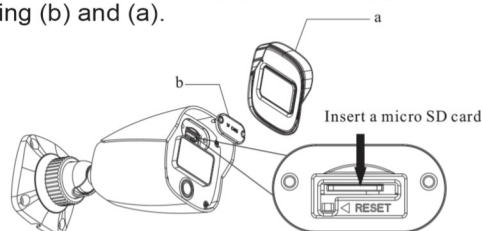


1. Loosen the nut from the Weather Resistant Network Coupler,
2. Run ethernet cable through coupler, then attach a RJ-45 connector.
3. Tighten the nut and coupler for a weather resistant seal.

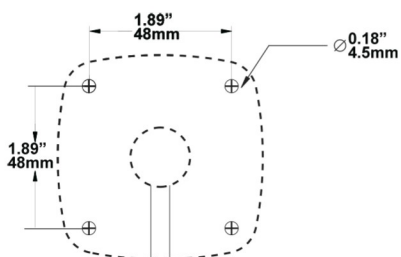
Installation

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:

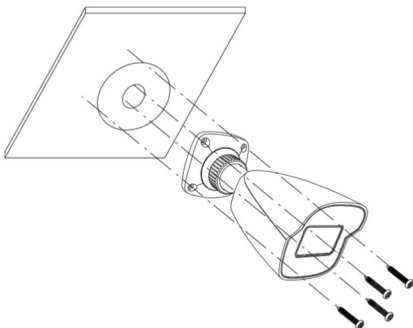
MicroSD Card Installation: Remove the plastic cover (a) from the camera, then loosen the two screws on (b). Remove (b) and insert card before re-installing (b) and (a).



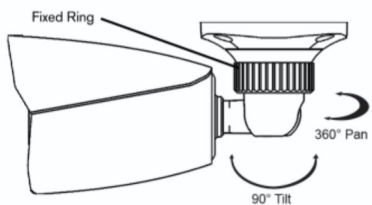
1. Attach the drill template to the place where you want to install the camera, then drill 3 screw holes and 1 cable hole (if you want to route the cables through the mounting base) according to the drill template



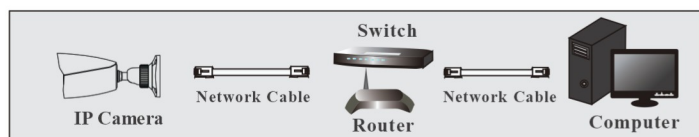
2. Route the cables and connect the power & video cables, use the rubber plug to fill the gap of the mounting base. then secure the mounting base to the ceiling or wall with screws.



3. Loosen the mount lock to adjust the Pan and Tilt of the camera, then tighten the mount lock to secure the viewing angle adjustments.



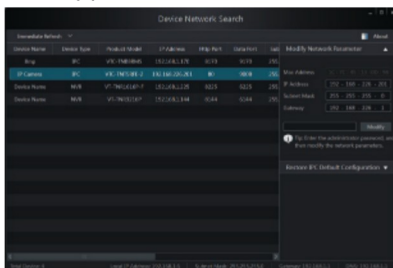
LAN Configuration



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.vitekccv.com/Downloads/Software/Transcendent-IPTool_v2.0.2.zip, then install on the PC. Open the installed application.



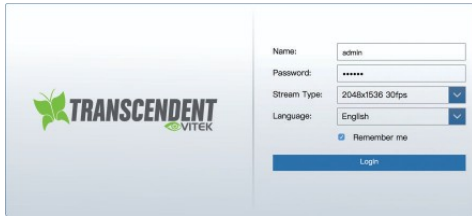
3. Modify the IP address. The default IP address is 192.168.226.201. Click the information of the camera listed in the above table to show the network information on the right side. Modify the IP address and gateway of the camera and make sure its network address is in the same local network segment 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:

A login window for Transcend Vitek. On the left is the Transcend Vitek logo. On the right is a form with fields for Name (admin), Password (123456), Stream Type (2048x1536 30fps), and Language (English). There is a 'Remember me' checkbox and a 'Login' button at the bottom.

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

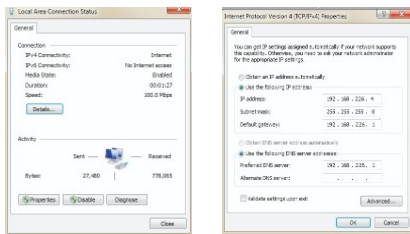
Subnet Mask: 255.255.255.0 Data Port: 9008

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 Config→Network Config→Port menu to set up the port number.
2. Enter System Config→Network Config→IP Address menu to modify the IP address.

Port Server DDNS SNMP 802.1X RTSP UPn

HTTP Port	80
HTTPS Port	443
Data Port	9008
RTSP Port	554

Save

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".

Port Range					
Application	Start	End	Protocol	IP Address	Enable
1	9008	9008	Both	192.168.6.6	☒
2	80	81	Both	192.168.6.6	☒
3	10000	10001	Both	192.168.6.166	☐
4	21000	21001	Both	192.168.6.156	☐
5	7777	7778	Both	192.168.6.206	☐

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.

VTC-TNB4FL-2 Detailed Specifications

Image Sensor	1/2.7" 4.0 Megapixel CMOS Image Sensor
Image Size	4 MegaPixel (2560 × 1440)
Resolution	4MP(2560 × 1440), 3MP(2304 × 1296), 1080P(1920 × 1080), 720P(1280 × 720), D1, CIF, 480 × 240
Min. Illumination	0.011 lux @F1.2, AGC ON; 0 lux with IR, 0.04 lux @ F2.2, AGC ON; 0 lux with IR
Lens	2.8mm Fixed Iris Lens
Day / Night	True Day/Night by ICR
IR LEDs / IR Distance	1 Matrix / 100'
Video Compression	H.265 / H.264
Main-Stream	60Hz: 4MP/3MP/1080P (1 ~ 30fps), 50Hz: 4MP/3MP/1080P (1 ~ 25fps)
Sub-Stream	60Hz: 720P(1 ~ 15fps)/D1 /CIF (1 ~ 30fps), 50Hz: 720P(1 ~ 12fps)/D1(1 ~ 25fps)/CIF (1 ~ 25fps)
Third Stream	60Hz: D1/CIF/480x240 (1 ~ 30fps), 50Hz: D1/CIF/480x240 (1 ~ 25fps)
Bit Rate	64Kbps ~ 5Mbps
Bit Rate Type	VBR / CBR
Other Camera Features	BLC, HLC, Defog
Wide Dynamic Range (WDR)	D-WDR (Digital Wide Dynamic Range)
Digital Noise Reduction (DNR)	XD-DNR (2D-DNR & 3D-DNR)
Image Setting	Saturation, Brightness, Chroma, Contrast, WDR, Noise reduction
Analytics	Object Removal, Scene Change, Video Blur Detection, Intrusion and Line Crossing
Smart Alarm	Motion Alarm, SD Card Error, SD Card Full
Region of Interest (ROI)	Each ROI to be Configured Separately
Network	RJ45
Storage	MicroSD Card Slot (Up to 256GB)
Remote Viewing	CMS / Web Browser / Mobile (iOS/Android)
Supported Browsers	Microsoft Internet Explorer
Connection Protocol	ONVIF
Resistance	IP67 Weather Rating
Power Input	12VDC / PoE
Power Consumpt. (12VDC)	150mA (LEDs Off) / 320mA (LEDs On)
Power Consumpt. (PoE)	< 5W
Working Environment	-22° ~ 140° / < 95% Humidity
Weight, Dimensions: L × W × H	13.4 oz. / .84 lbs. / 380g, 6.59" × 2.93" × 2.93" (167.5mm × 74.5mm × 74.5mm)



OPTIONAL ACCESSORIES AND RELATED PRODUCTS FOR VTC-TNB4FL-2



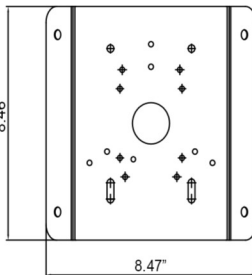
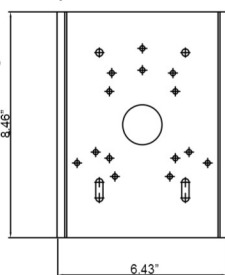
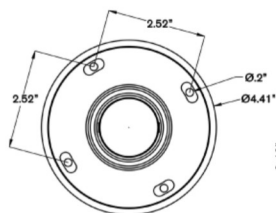
VT-TJB08
Optional Junction Box



VT-TPLMT
Transcendent
Universal Pole
Mount - Ivory,
reqs. VT-TJB08



VT-TCNMT
Transcendent Universal
Corner Mount - Ivory,
reqs. VT-TJB08





OPTIONAL ACCESSORIES AND
RELATED PRODUCTS FOR
NDAA COMPLIANT
TRANSCENDENT IP CAMERAS

NEWLY UPDATED Transcendent NVRs

**A Standalone Solution with
Analytic Support and
NDAA Compliance!**



- **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-TNR1626PN



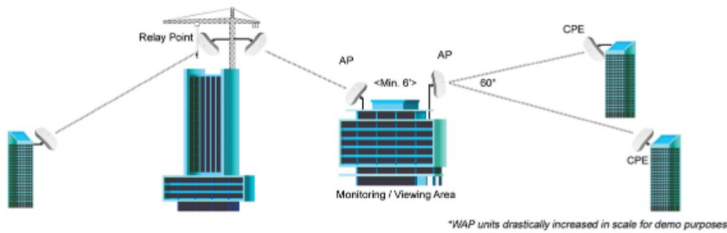
VT-TNR414PN
VT-TNR818PN



**An Eye On
Innovation**

Also Consider Vitek 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



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!



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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