VITEK VT-IPE-HDA5 Transcendent Analog HD Mega Pixel IP Video Encoder Server Instruction Manual

Contents

VITEK VT-IPE-HDA5 Transcendent Analog HD Mega Pixel IP Video Encoder Server

Specifications:

- Model: VT-IPE-HDA5
- Resolution: Up to 5.0 MegaPixel
- Features: Analog/HD-COAX, Alarm Interface, 2-Way Audio In/Out, Intelligent Analytics

Product Usage Instructions

Installation:

1. Drill screw holes into the wall according to the template.
2. Insert two screw anchors.
3. Secure bracket 1 to the wall with two tapping screws.
4. Install bracket 2 on the device with two screws.

Connection:
Connect the device using LAN/ WAN/ PoE and USB for future use.

LAN Configuration:
Connect the encoder to the LAN using a network cable. Access the camera using the IP-Tool or directly through a web browser.

Accessing the Camera Using the IP-Tool:

1. Ensure the camera and PC are connected to the LAN.
2. Download and install the IP-Tool from the provided link.
3. Modify the IP address of the camera to match the local network segment of the computer.
4. Access the camera through the web browser using the modified IP address.

Directly Access Through a Web Browser:

1. Manually set the IP address of the PC to match the default settings of the camera.
2. Open the browser and input the default address of the camera to access it.

FAQ:

- **Q: Where can I find the complete user guide and software updates?**
  A: The complete user guide, software, tools, and updates are available online. You can scan the QR code or visit **http://www.vitekcctv.com/Downloads** for more information.
- **Q: What are some of the intelligent analytics features supported by the encoder?**
  A: The encoder supports features such as counting (human/motor vehicle classification), face detection, scene change detection, video blur detection, abnormal color detection, and heat map generation.

VT-IPE-HDA5
Transcendent Analog/HD-COAX up to 5.0 MegaPixel IP Video Encoder Server

FEATURES

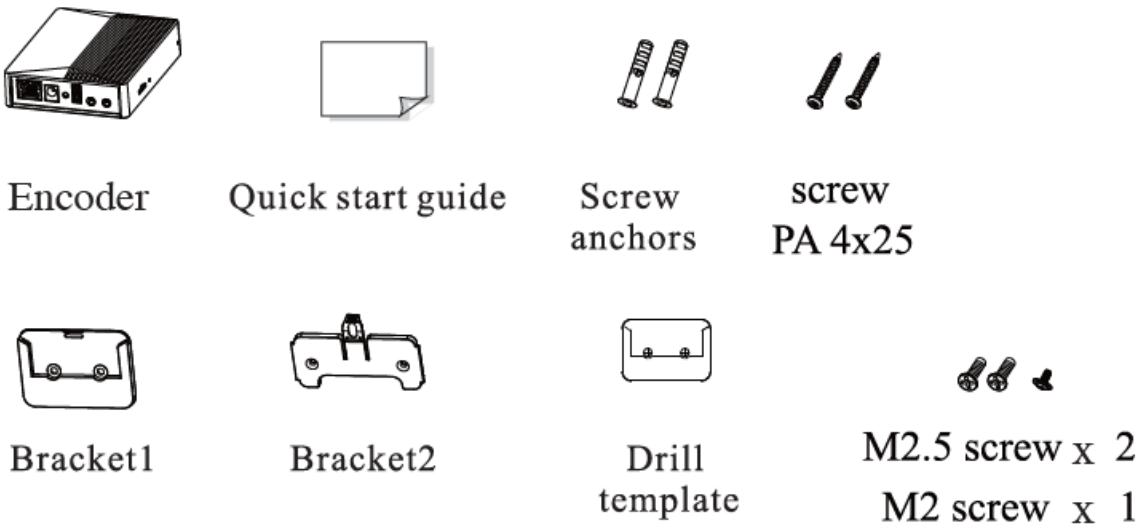
- • Transforms an Analog / HD-COAX Camera into an IP Camera with GEN IV Analytics!
- • Supports One Analog / HD-COAX Camera, up to 5.0 MegaPixels
- • H.265+ / H.265 / H.264+ / H.264 / MJPEG encoding
- GEN IV Advanced Analytics: Intrusion Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification], Face Detection, Scene Change, Video Blur, Abnormal Color Detection, Heat Map
- Audio: 1 Channel Input, 1 Channel Output*
- Alarm Interface (8-ch In/4-ch Out)
- Supports ROI, with 8 Individually Configurable Areas

- MicroSD Card Slot (256GB)
- 12VDC + PoE Operation
- 3-Year Warranty

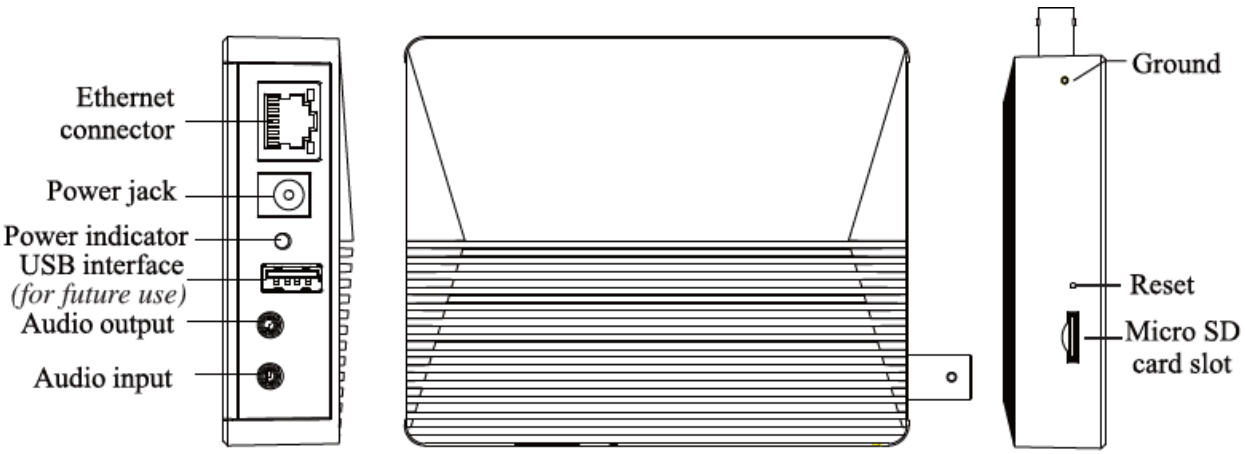
*Please research local, state and federal laws regarding the implementation of audio surveillance.

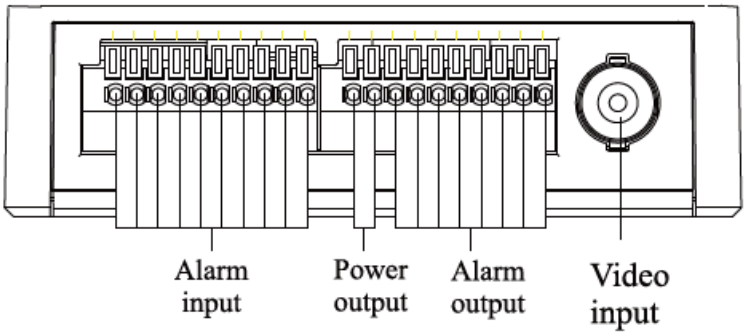
PLEASE NOTE:
Complete User Guide, Software, Tools, and Updates are available online. Scan the QR Code or visit:
http://www.vitekcctv.com/Downloads

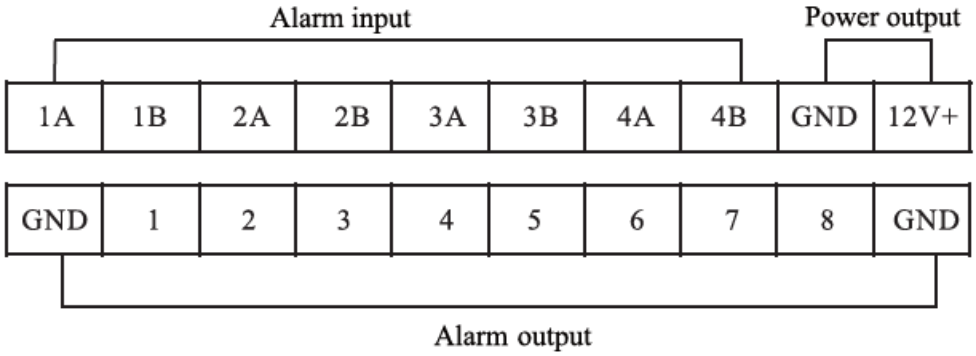
Components and Accessories



Overview

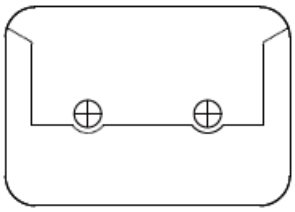




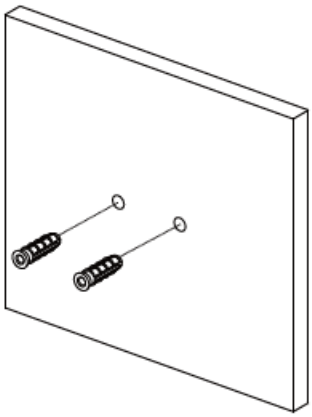


Installation

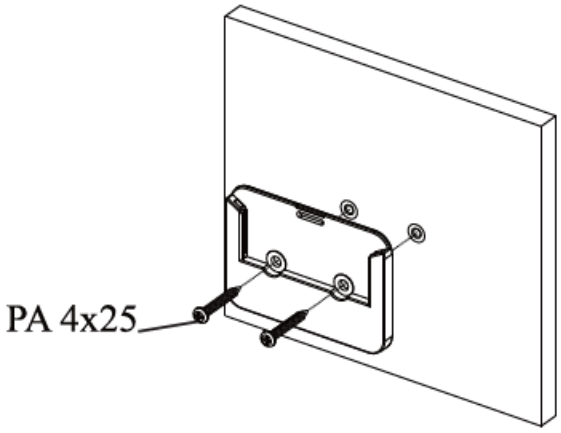
1. Drill screw holes into the wall according to the template.



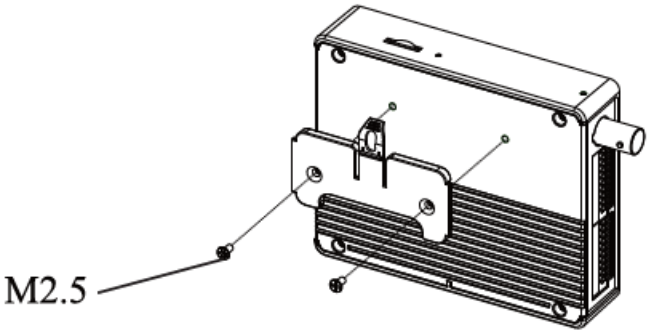
2. Insert two screw anchors.



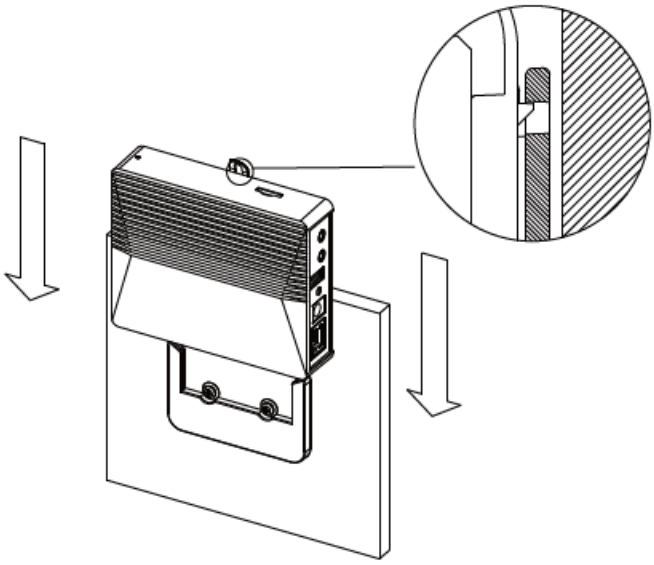
3. Secure bracket 1 to the wall with two tapping screws.



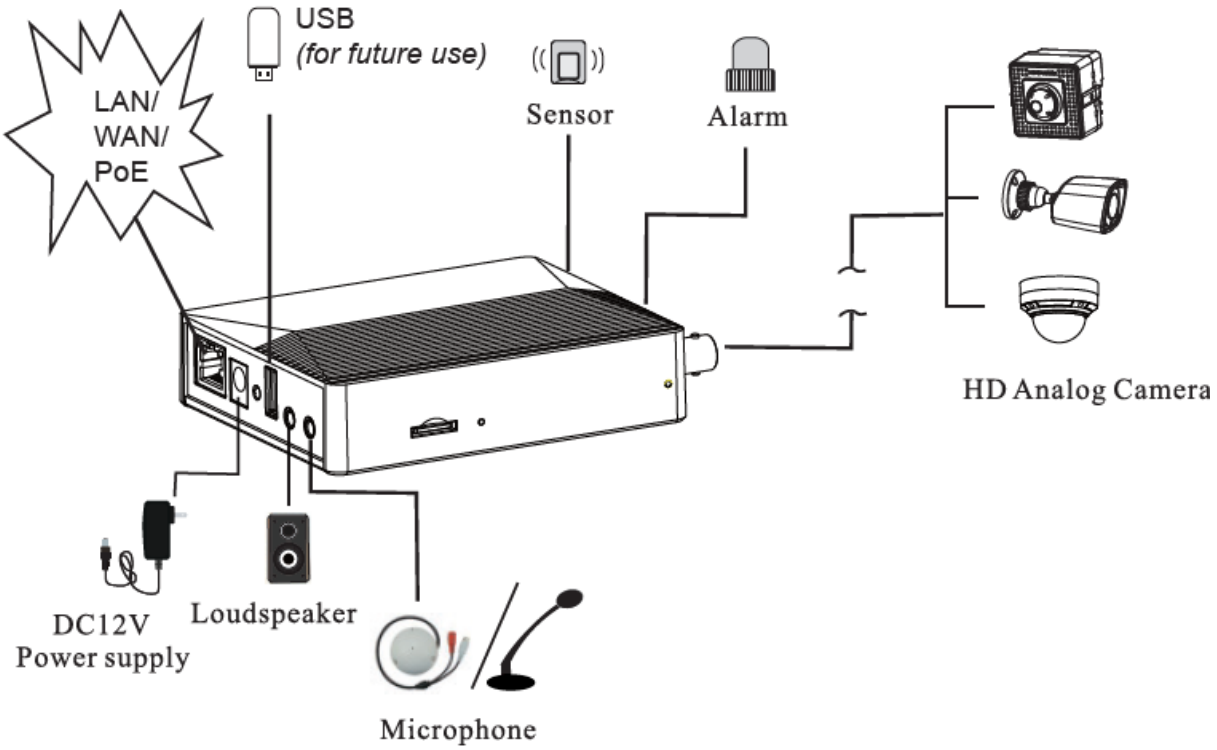
4. Install bracket 2 on the device with two screws as shown here



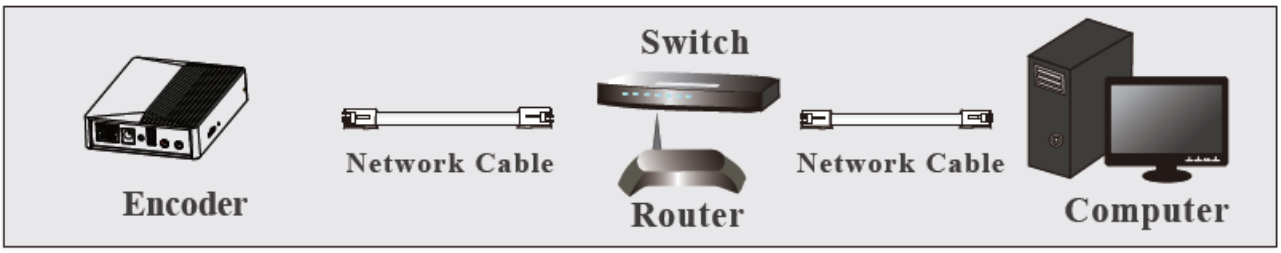
5. Hook the device onto bracket 1. It will lock when a click is heard.



Connection



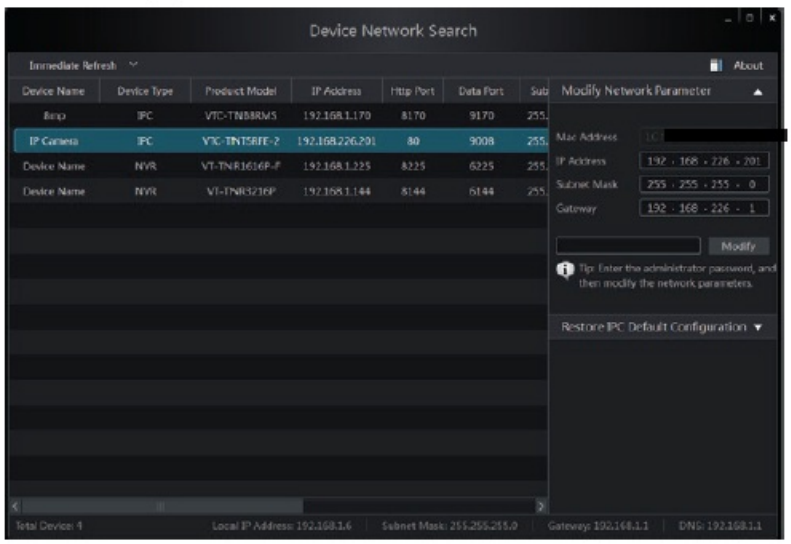
LAN Configuration



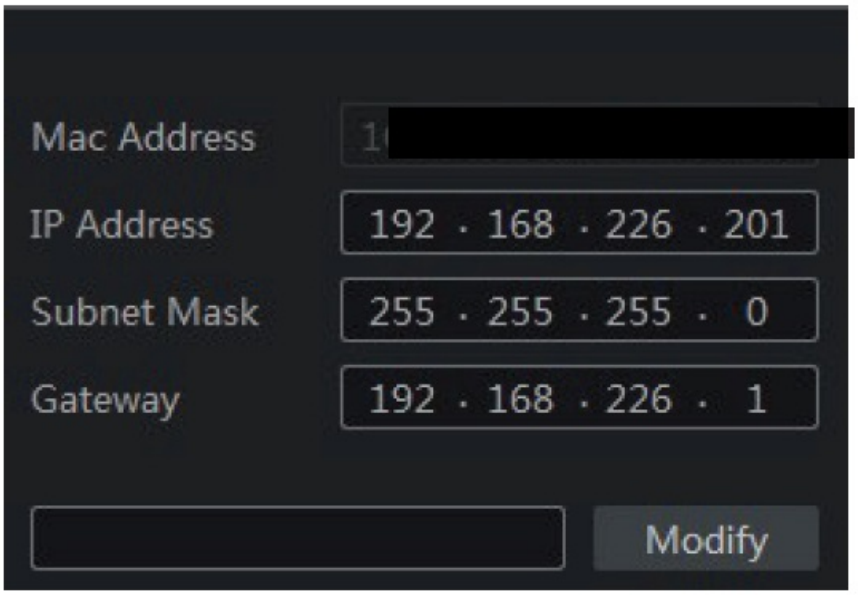
The camera can be accessed on the local network either using the IP-Tool or directly in a web browser.

Accessing the Camera Using the IP-Tool

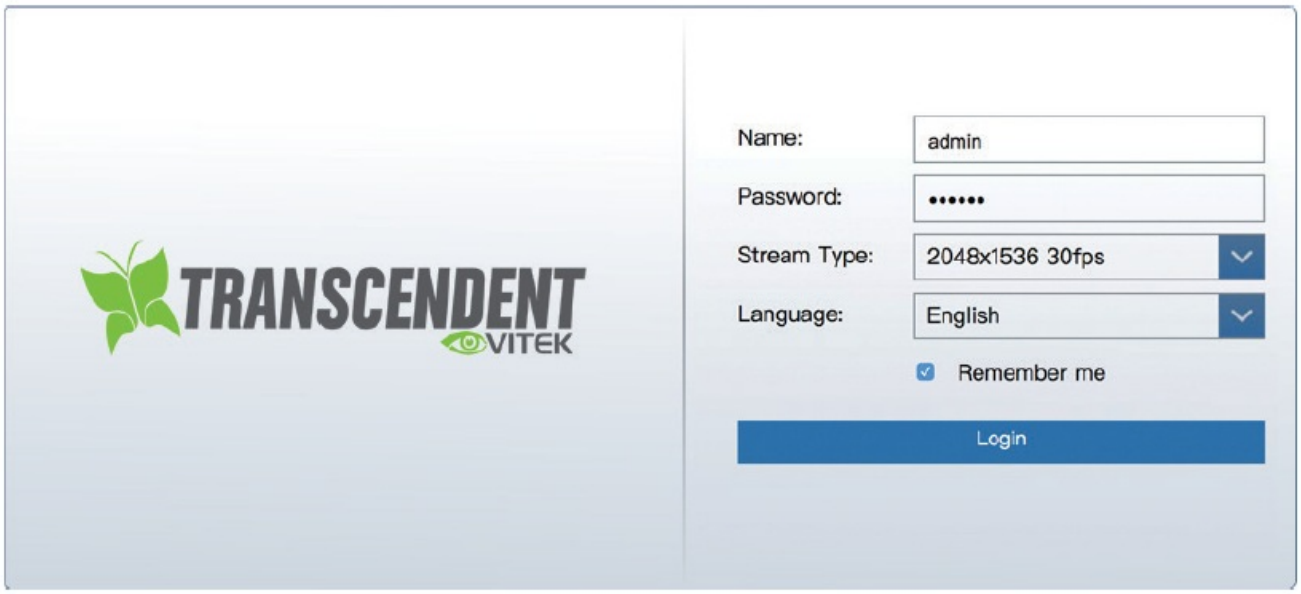
1. Make sure the camera and PC are connected to the LAN.
2. Locate the IP-Tool installer at www.vitekcctv.com/Downloads/Soft-ware/Transcendent-IPTool_v2.0.2.zip , then install on the PC. Open the installed application.



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. The browser will download the Active X control. After downloading the Active X control, a login window will pop up as shown below:



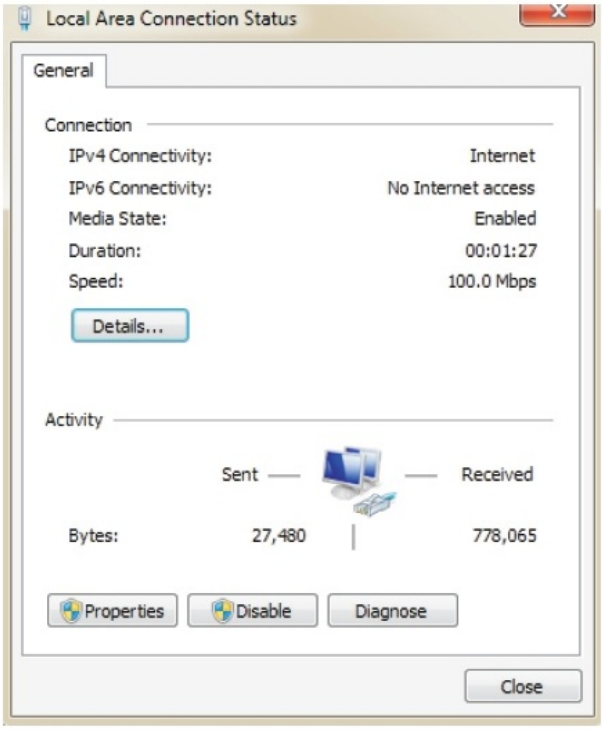
Input the user name and password to log in.
Default user name: admin / Default password: 123456.

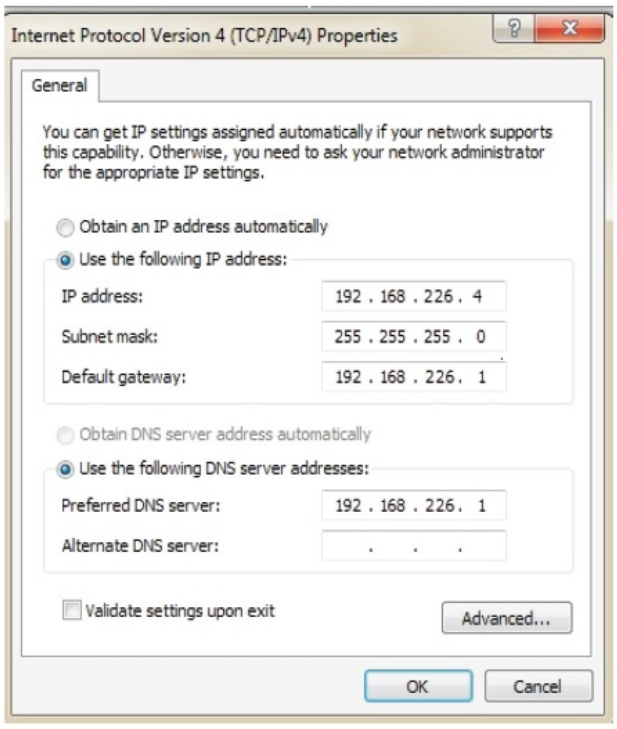
Directly Access Through a Web Browser

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.



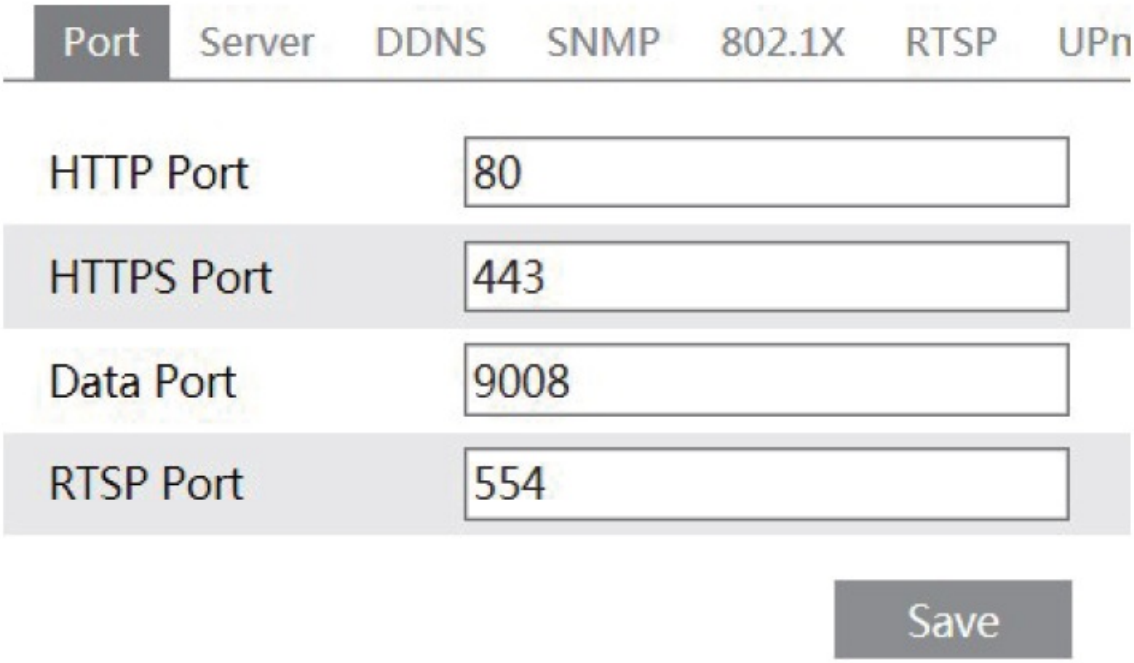


2. Open the Browser and input the default address of IP-CAM and confirm. The browser will download the Active X control.
3. After downloading the Active X control, a login dialog box will pop up.
4. Input the default username and password and then enter to view.

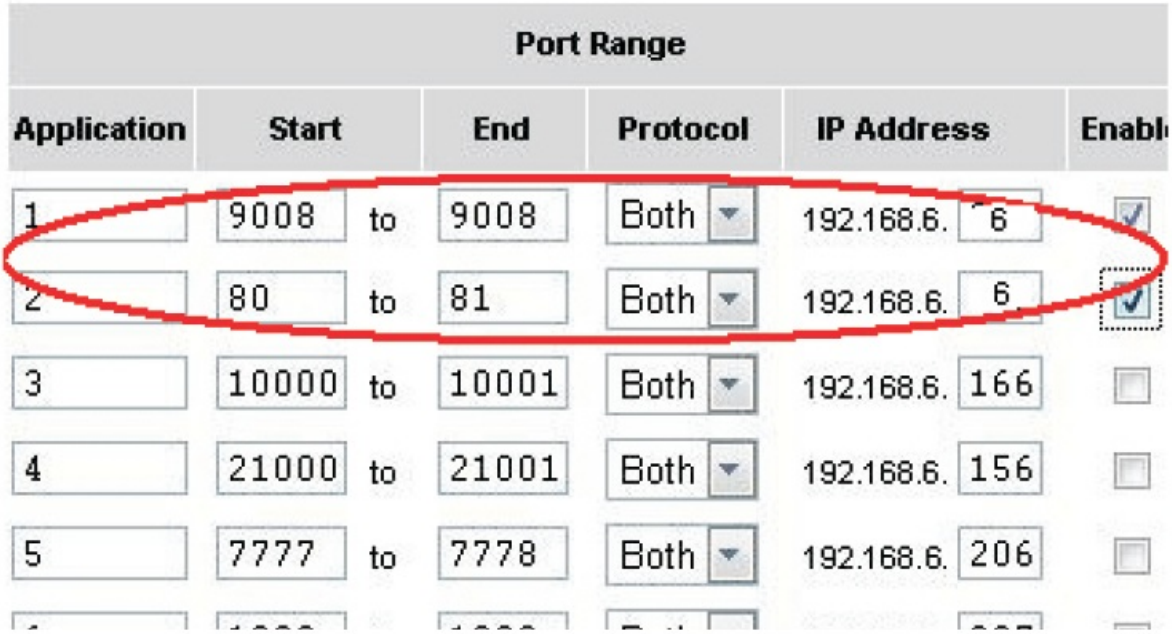
WAN Configuration

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.

DETAILED SPECIFICATIONS VT-IPE-HDA5

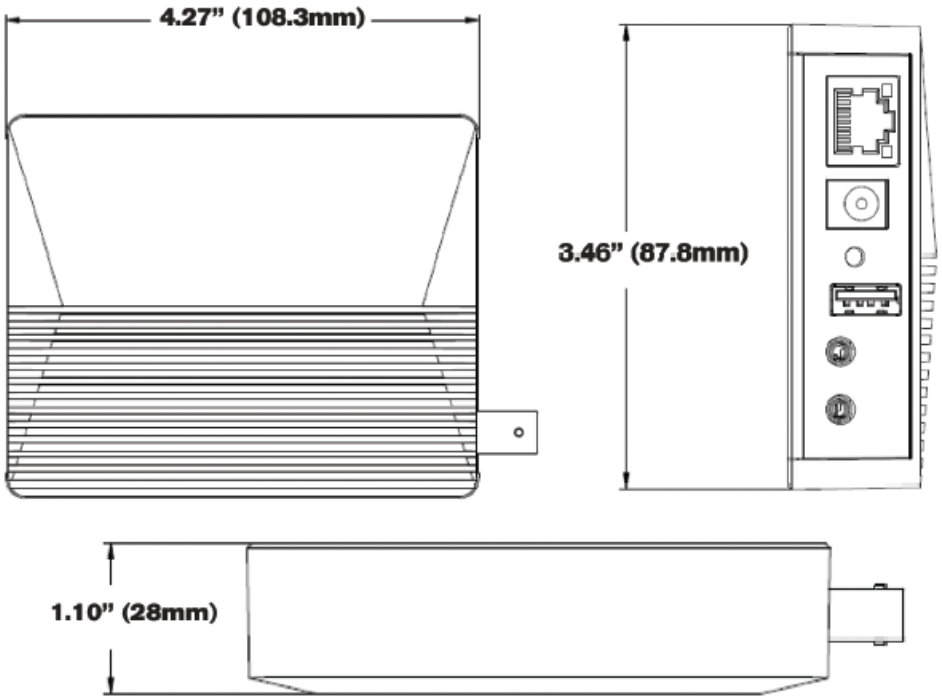
	BNC×1
Analog (HD-CAOX)	BNC interface (1.0Vp-p; 75W)
Video Input	
	Standard TVI/AHD/CVI/CVBS : 5MP@20fps, 4MP/1080P/720P @30fps

Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Std.	Baseline Profile / Main Profile / High Profile
Bit Rate (Type)	64Kbps ~ 6Mbps (VBR/CBR)
Resolution	5MP (2592×1944), 4MP (2560×1440), 1080P (1920 ×1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	5MP(1~20fps)/4MP/1080P/720P/D1 (60Hz:1~30fps, 50Hz:1~25fps)
Sub Stream	720P/D1/CIF (60Hz:1~30fps, 50Hz:1~25fps)
Third Stream	D1/CIF/480×240 (60Hz:1~30fps, 50Hz:1~25fps)
Image Setting	Saturation, Hue, Brightness, Contrast, WDR, Sharpness, NR, Image Mirror / Flip, Adjustable Through Client or Web Browser
ROI	8 ROI, Each Region can be Set up Separately
Audio Compression	G711A/U
Network	100M RJ45
Audio	1CH 3.5mm Audio Input, 1CH 3.5mm Audio Output
Two-Way Audio	YES
Video	1CH BNC Video Input
Storage	1 MicroSD card slot, up to 256G
Alarm	8CH Alarm Input, 4CH alarm Output
Remote Monitoring	Web browser / Vitek VMS / NVR / Mobile APP
Online Connection	Supports Simultaneous Monitoring of up to 8 Users, Supports Multi-stream Real Time Transmission
Network Protocol	UDP, IPv4/6, DHCP, NTP, RTSP/MP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPS, HTTP POST, Qos
Interface Protocol	ONVIF
Smart Alarm	SD Card Full, SD Card Error, IP Address Conflict, Cable Disconnection, Sensor Alarm, Motion Alarm
Intelligent Analytics	Intrusion Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification], Face Detection, Scene Change, Video Blur, Abnormal Color Detection, Heat Map
General Function	Watermark, IP Address Filtering, Video Mask, Heartbeat, Illegal Login, Corridor Pattern
PoE	Yes, IEEE802.3af
Power	DC12V/PoE
Power Consumption	< 5.5W

Environmental Protection	RoHS 2.0, REACH, WEEE, Directive 94/62/EC
Working Environment	-22° ~140°F (-30°~60°C) / < 95% Humidity
Storage Environment	-22° ~149°F (-30°~65°C) / < 95% Humidity
Dimensiosn (L × W × H)	4.27” × 3.46 × 1.1” (108.5 × 87.8 × 28mm)
Weight	9.57oz (271.4g)

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

DIMENSIONS



OPTIONAL ACCESSORIES AND RELATED PRODUCTS FOR NDAA COMPLIANT TRANSCENDENT IP CAMERAS

TRANSCENDENT NVRS!
A Standalone Solution with GEN. IV
Advanced Analytic Support and NDAA Compliance!

- 8MP (4K) HDMI Output
- H.265S / H.265+ / H.265 / H.264 Video Compression

- GEN IV Analytic Support Including Face Detection, Target Counting, Heat Map, and More!
- Available in 8, 16, 32, 64, and 128 Channels
- Up to 192TB Depending on Model (12TB per HDD)
- PoE Support Available (Model Dependent)

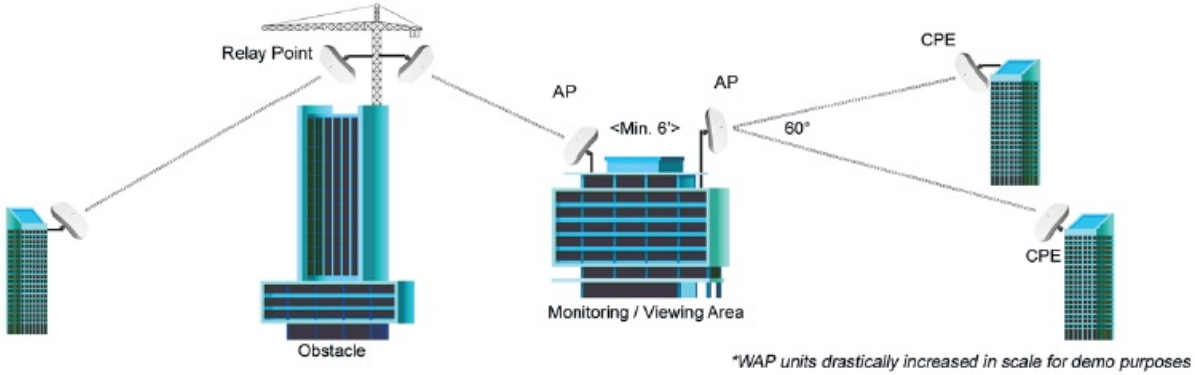
An Eye On Innovation

Also Consider Vitek NDAA Compliant Wireless
Bridge Products to Reduce Costly Cable Installation!
VT-WB1150, VT-WB2150, and VT-WB5900 High Speed 5.8GHz DIP AP / CPE Wireless Bridge w/ 8MB Storage, 64MB RAM, High Speed Transmission, and Point-to-Multi-Point (P2MP) Topology

VT-WB1150

VT-WB2150

VT-WB5900



*WAP units drastically increased in scale for demo purposes

With wireless ranges of 3000ft. (VT-WB1150), 1.25 miles
(VT-WB2150), and 3 miles (VT-WB5900) 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 straight forward 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 over 100 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 non-transferable 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 Jan 2024

Documents / Resources

	VITEK VT-IPE-HDA5 Transcendent Analog HD Mega Pixel IP Video Encoder Server [pdf] Instruction Manual VT-IPE-HDA5 Transcendent Analog HD Mega Pixel IP Video Encoder Server, Transcendent Analog HD Mega Pixel IP Video Encoder Server, Mega Pixel IP Video Encoder Server, IP Video Encoder Server, Encoder Server

References

- User Manual