



HOW-TO GUIDE

TRANSCENDENT RECORDERS: ADDING AN IP CAMERA TO A DVR



PLEASE NOTE:

Complete User Guide, Software, Tools, and Updates are available online. Scan the QR Code or visit:
<https://vitekccctv.com>

Transcendent Recorders

Adding an IP Camera to Vitek Transcendent DVR

Overview

The Vitek Transcendent DVR supports adding 1 to 24 IP cameras (depending on the model). This guide explains how to set up and configure IP cameras with the DVR.

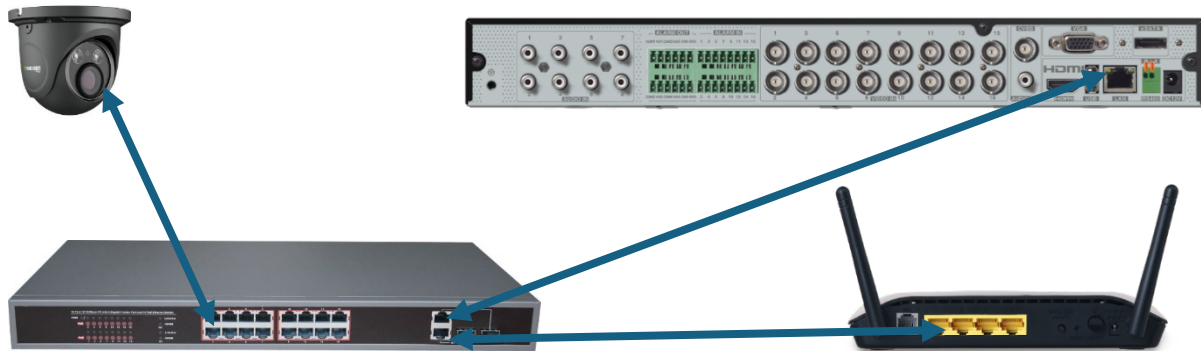
Requirements

Since Vitek DVRs do not have Power over Ethernet (PoE) inputs, the IP cameras will need to connect through a PoE switch.

Setup Instructions

1. Connecting Hardware:

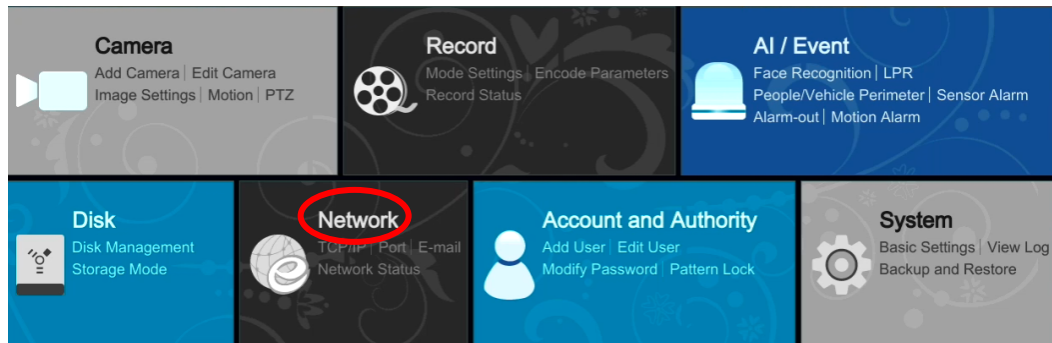
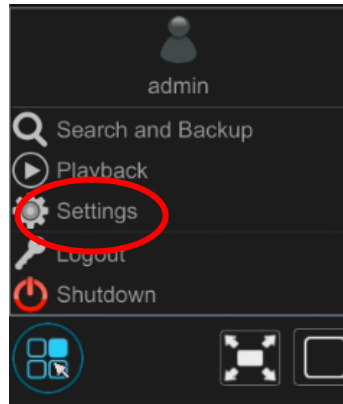
- Connect the IP cameras to a PoE switch.
- Connect the DVR to the same switch or network as the IP cameras.



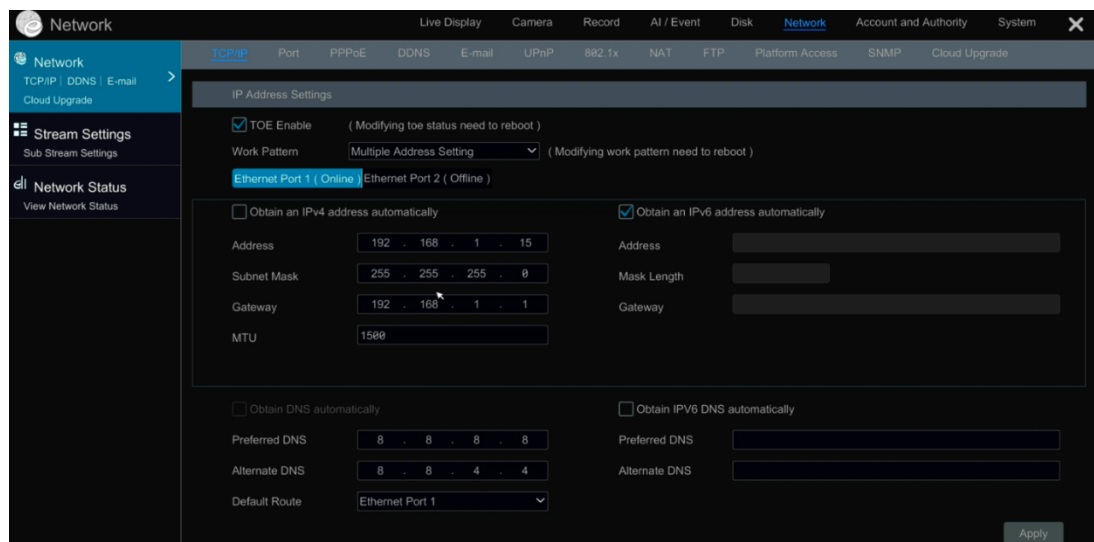
2. Network Configuration on DVR:

- On the DVR, go to **Menu > Settings > Network > TCP/IP**.





- Choose **Obtain an IPv4 address automatically** to let the router assign an IP, or uncheck it to assign an IP manually.
- **Note:** If manually assigning, consult a network administrator for available IP addresses.



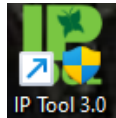
3. Setting Up DVR IP Address:

- Verify that **Ethernet Port 1** is connected to the local network.
- Example network settings:
 - **IP Address:** 192.168.1.15
 - **Subnet Mask:** 255.255.255.0
 - **Gateway/Router:** 192.168.1.1

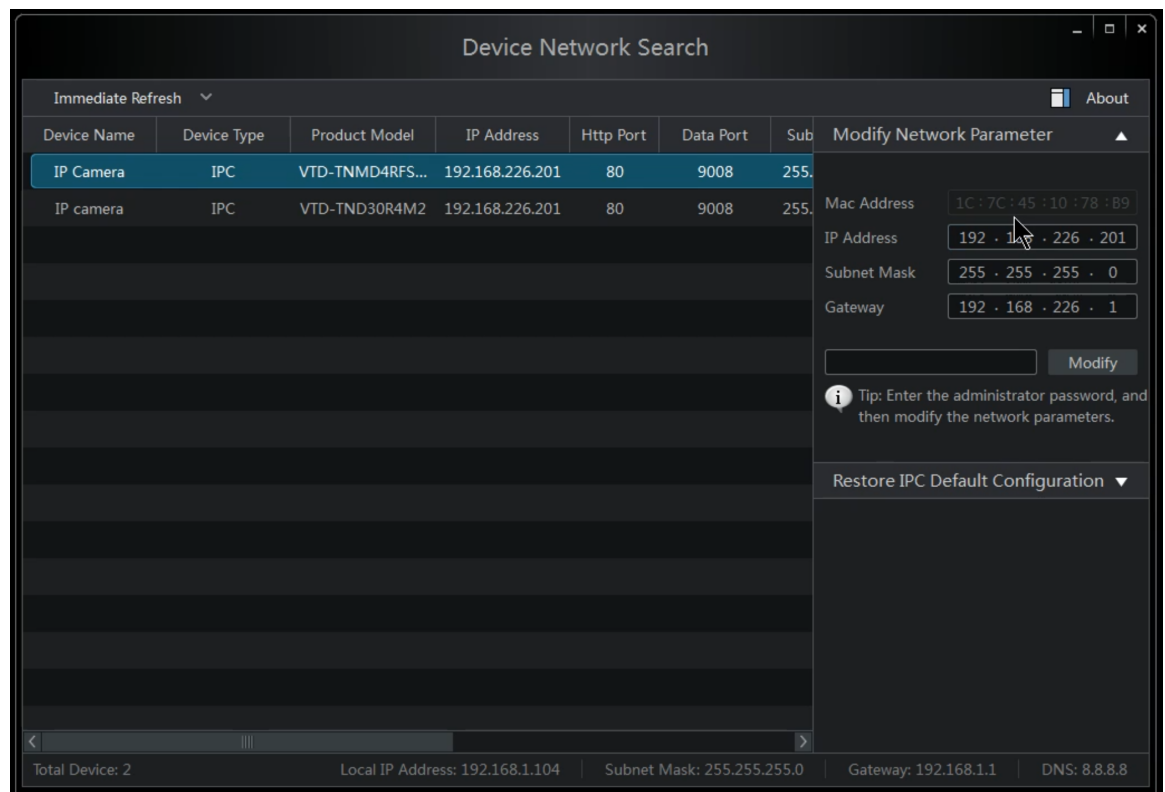
The screenshot displays the 'TCP/IP' configuration page of a DVR. At the top, there is a navigation bar with tabs: TCP/IP, Port, PPPoE, DDNS, E-mail, UPnP, and 802.1x. The 'IP Address Settings' section is active. It includes a 'TOE Enable' checkbox which is checked, with a note '(Modifying toe status need to reboot)'. Below this is a 'Work Pattern' dropdown menu set to 'Multiple Address Setting', also with a note '(Modifying wo'. Two Ethernet ports are listed: 'Ethernet Port 1 (Online)' and 'Ethernet Port 2 (Offline)'. The 'Ethernet Port 1' is selected. Underneath, there is an unchecked checkbox for 'Obtain an IPv4 address automatically'. The manual configuration fields are as follows: 'Address' is 192 . 168 . 1 . 15; 'Subnet Mask' is 255 . 255 . 255 . 0; 'Gateway' is 192 . 168 . 1 . 1; and 'MTU' is 1500. At the bottom, there is an unchecked checkbox for 'Obtain DNS automatically'. The DNS settings are: 'Preferred DNS' is 8 . 8 . 8 . 8; 'Alternate DNS' is 8 . 8 . 4 . 4; and 'Default Route' is set to 'Ethernet Port 1' via a dropdown menu.

4. Programming the IP Camera Address:

- Connect a computer to the same network as the DVR and IP cameras.
- Download the **IP Tool** software from www.vitekccctv.com.



- Run the application to locate the IP camera.

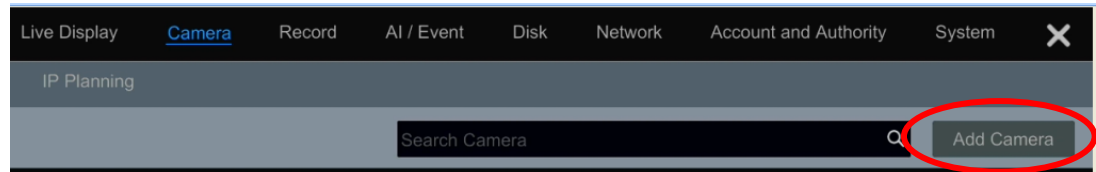


- Select the camera in the tool and click **Modify Network Parameter**.

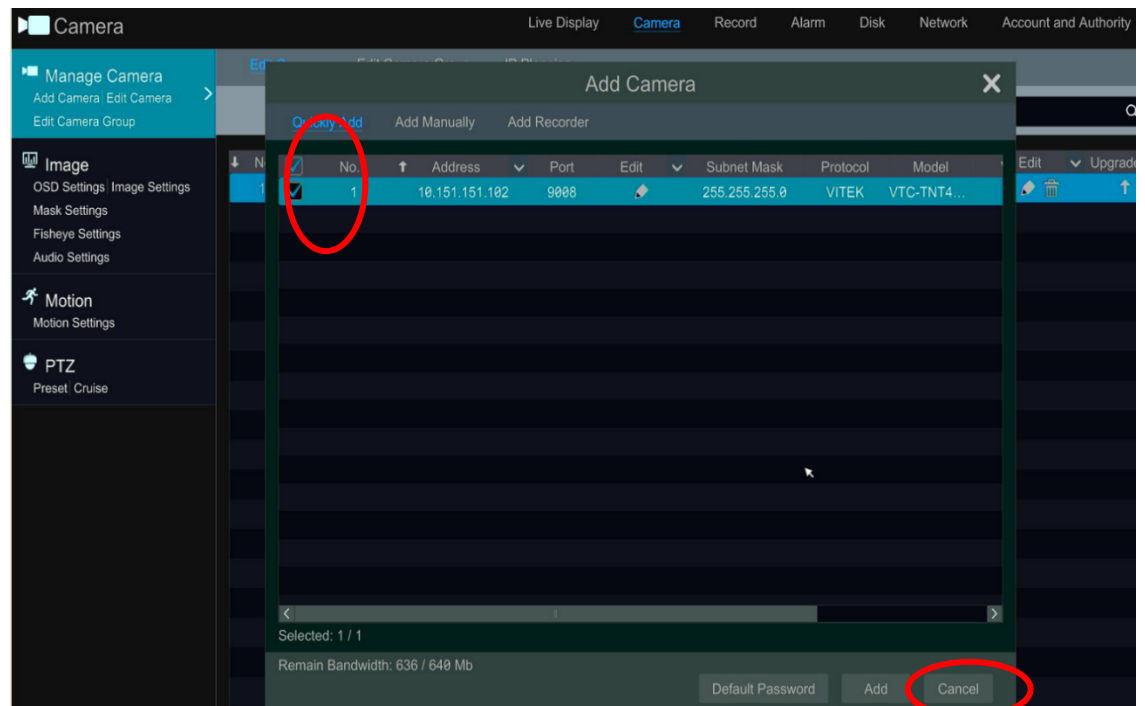
- Change the default IP address (e.g., 192.168.226.201) to match the DVR's network, enter the camera's default password (123456), and select **Modify**.
- **Tip:** Use an IP scanner to ensure the IP address is available.

5. Adding Camera to DVR:

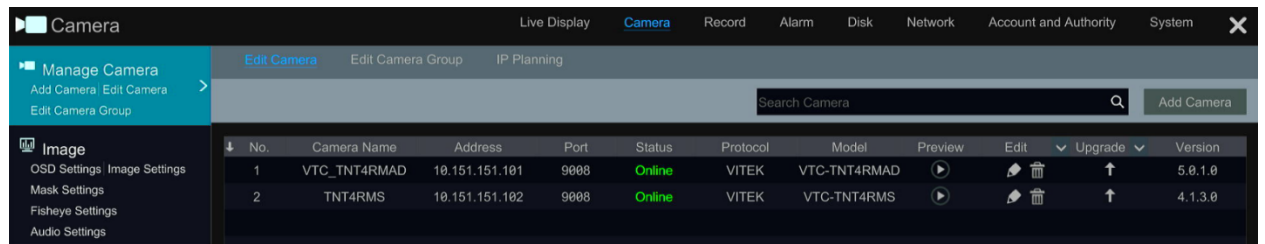
- On the DVR, go to **Start > Settings > Camera**.
- Select **Add Camera** in the top-right corner.



- Check the box next to the camera you want to add and select **Add** at the bottom right.



- The camera should now appear in the list with its status showing as **online**.



6. Finalizing Setup:

- Exit the menu. If the camera is online, it should appear in the live display.