Axon Interview Camera Configuration and Placement Guide

Document Revision: A
August 2020

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Introduction

This guide will walk through the process of using the Axis Configuration Kit to complete the following key parts of your Axon Interview room installation.

- The assignment of a static IP address to your Axis cameras
- Use the enclosed Axis POE Installation Tool to provide your camera placement decision makers a preliminary camera view on a laptop so they can determine the optimal location for each camera in each room.

Axon Interview Configuration Kit:

The Axon Interview Configuration Kit provides the tools necessary to assign a static IP as well as view the camera during the installation process.

The following items are in the Axon Interview Configuration Kit.

- POE Installation Tool

- Axis POE Installation Tool Wall Charger

- 2 Cat6 patch cables

- 2 Wowza USB dongles (Optional. If included, CRITICAL-DO NOT LOSE)

- Louroe Spanner Bit (for mics)

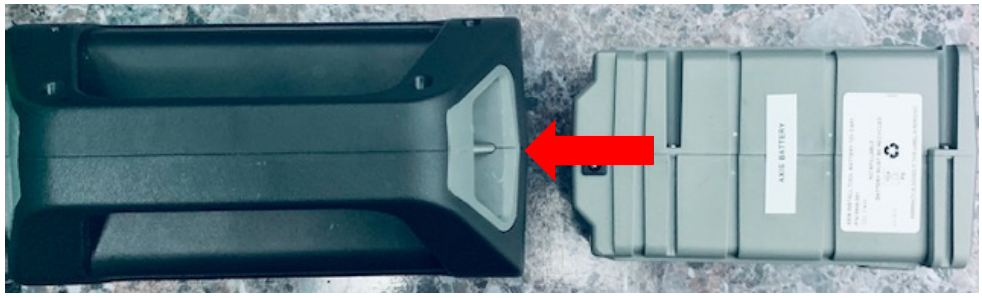
- Axis Dome camera screwdriver or Allen wrench

- 1 USB (Axis utility, camera firmware, IR software)
- Axis IP Utility

Setting Up Axis POE Installation Tool:

The Axis POE Installation Tool provides power to an Axis camera. Once powered you will be able to assign a static IP address and then view the camera with a laptop, also connected to the Installation Tool.

1. Insert the installation tool battery into the device's shells.



2. Power ON the Axis POE Installation Tool. The battery lights will display the remaining power and the Wi-Fi logo will display a steady blue light.

3. Use one of the provided Cat6 cables to connect the NET port on the installation tool to an open ethernet port on a computer.


4. Use the other Cat6 cable to connect the CAM port on the installation tool to the ethernet port on the Axis camera.


5. When properly connected, the camera will power on and the light labeled POE, above the CAM port, will be solid red.

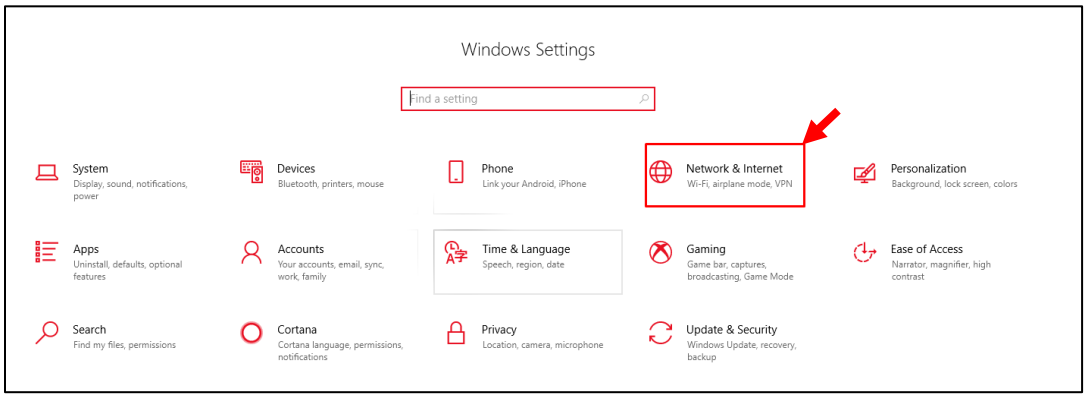

Configuring Network Adapter to Set Static IP:

The laptop and Axis camera must be on the same IP subnet to communicate. The default IP address of an Axis camera is 192.168.0.90. The following steps will show how to change the IP address on a Windows computer.

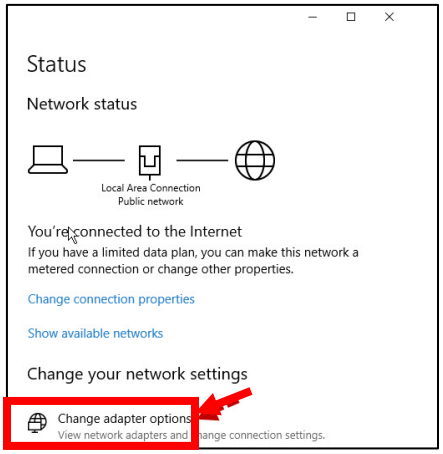
1. Click the Windows start menu.

2. Click **Settings**.

3. Select **Network & Internet** in the settings menu.

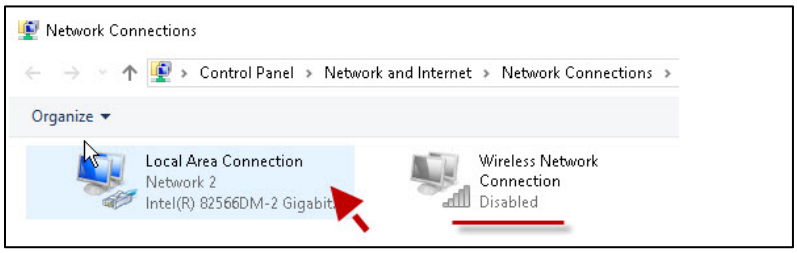


4. Select **Change Adapter Options**.

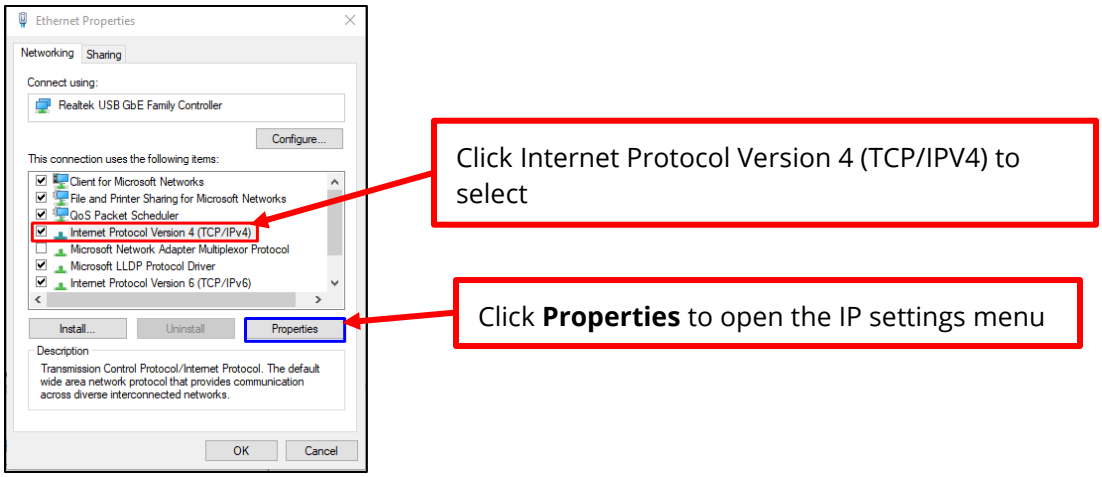


The Network Connections section of the Control Panel opens.

5. Right-click the Local Area Connection and select **Properties**.



6. Find TCP/IPv4. Double-click it or click to highlight and then click **Properties**.

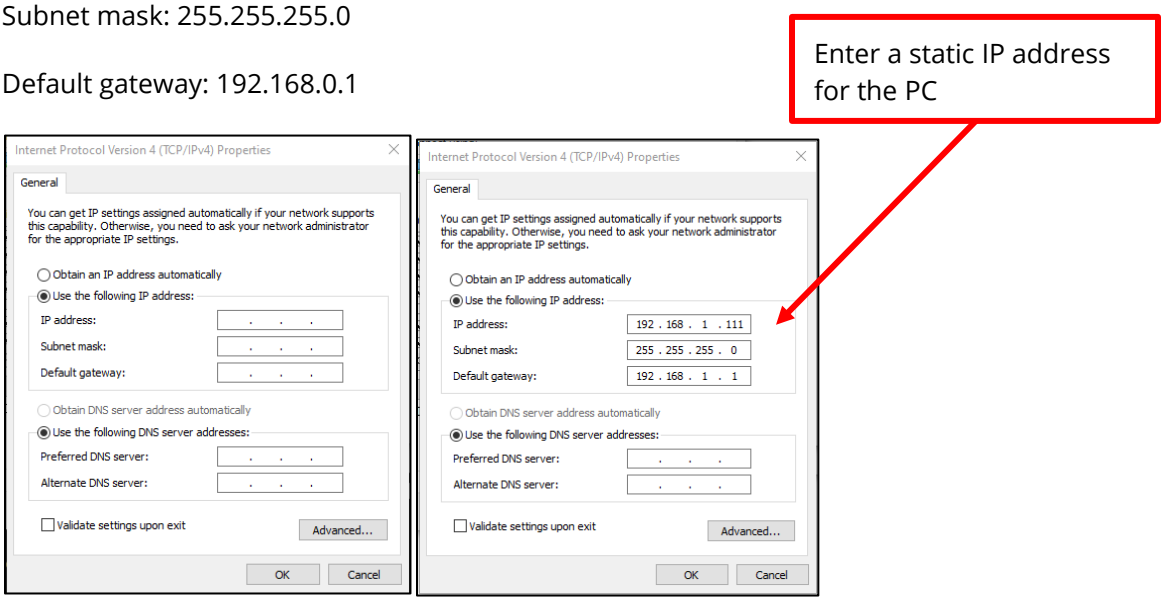


7. Change the default IP address option to **Use the following IP Address:** and enter the following (Note that DNS can be left blank):

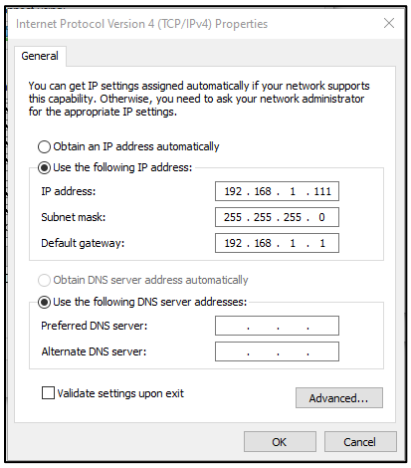
   Static IP address: 192.168.0.100

   Subnet mask: 255.255.255.0

   Default gateway: 192.168.0.1



8. Click **OK** to save settings and then click **OK** to return to the Network Connections window.

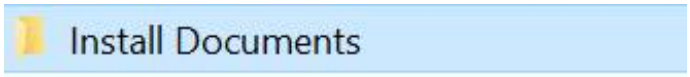


9. You can now use the laptop to access the camera's web interface for viewing and configuration

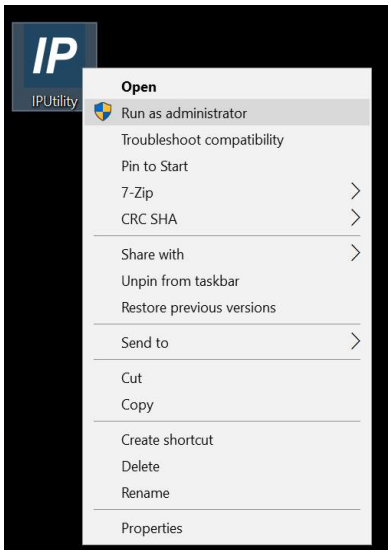
Initial Camera Configuration and Viewing:

The following steps show how to use the provided Axis IP Utility software to view and configure the camera

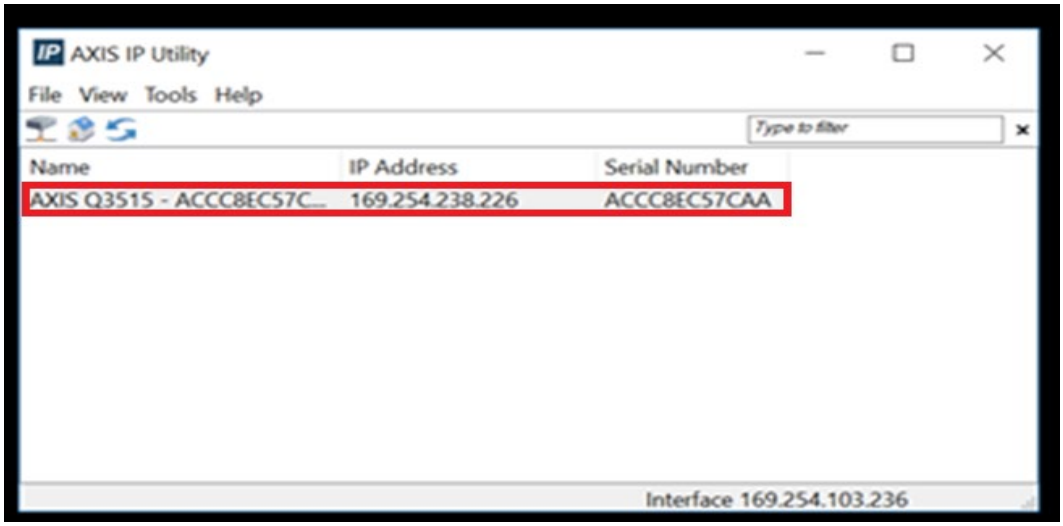
1. Insert the USB drive provided in the Configuration Kit into an open USB port. Once loaded, open the **Install Documents** folder.



2. Locate **Axis IP Utility** and double-click to open.

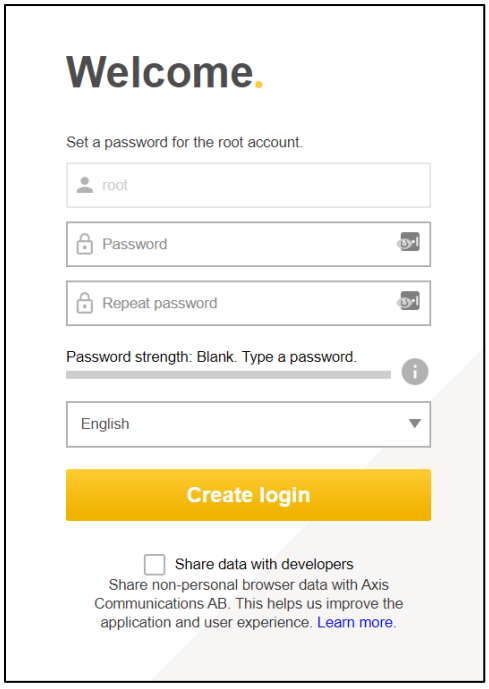


The Axis IP Utility displays the connected cameras in a list. Double-click the camera name to open the camera homepage.



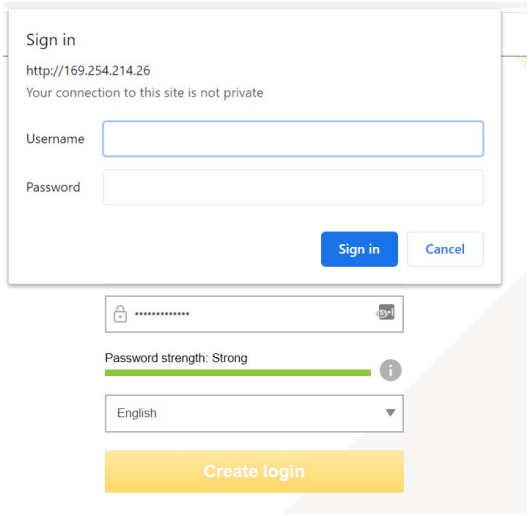
3. The device homepage opens and prompts you create a password for the user **root**, which is the camera admin account.

   - Enter and confirm the password **T2s3r2x0n20!6**.
   - Click **Create login**.

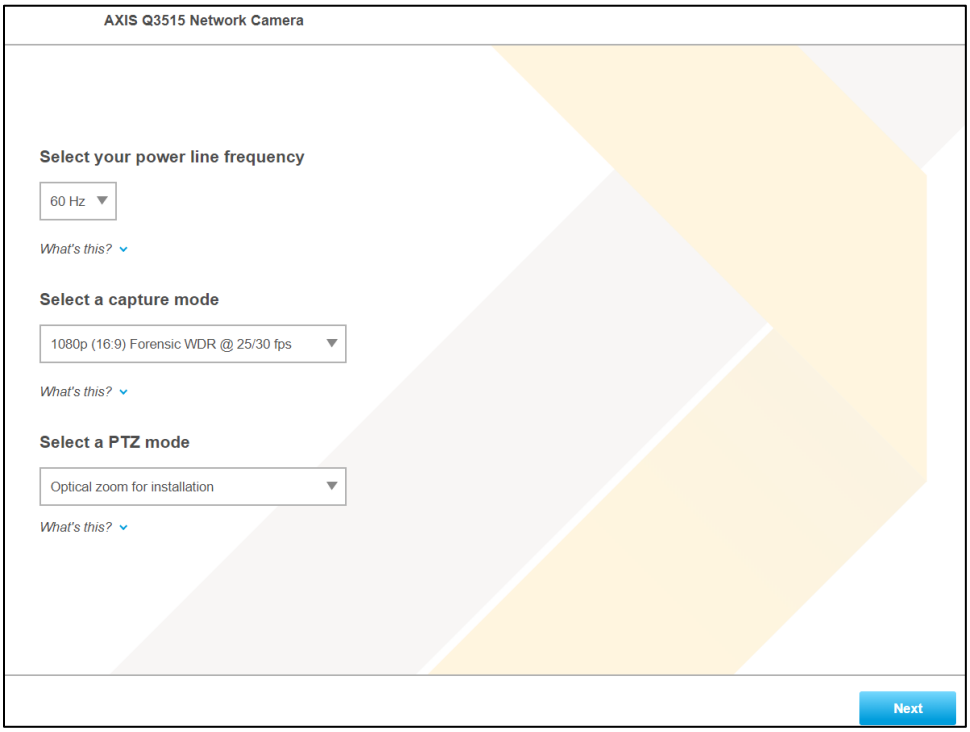


4. The IP Utility will ask for the saved login information after setting the password.

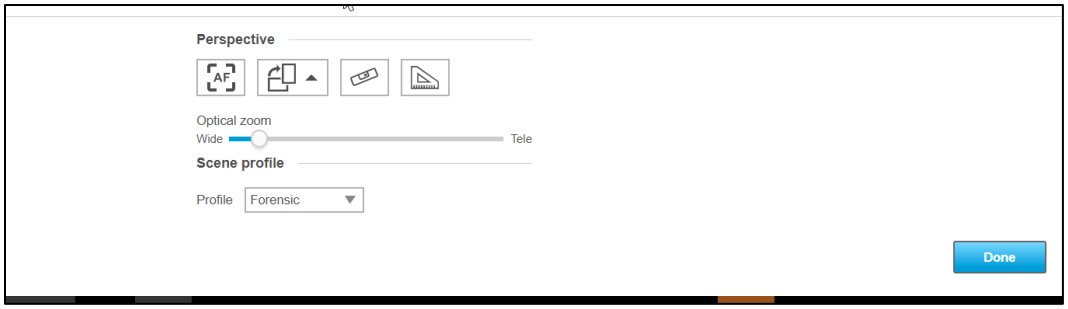
   Once prompted, enter Username (root) and Password (See Axon TSM), and click **Sign In**.



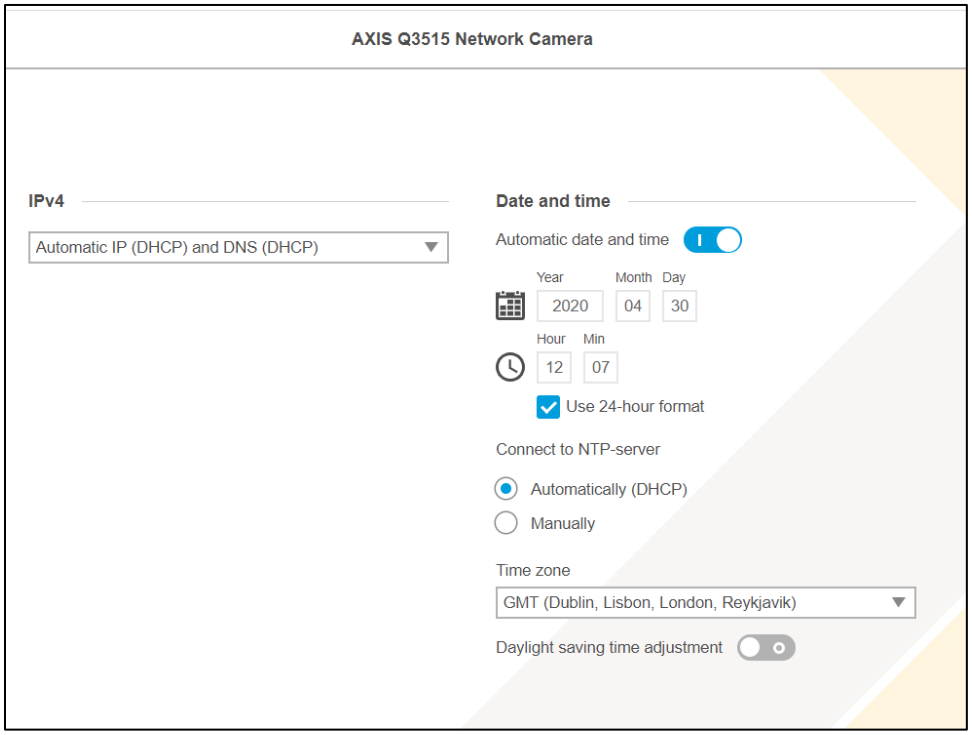
5. On the Network Camera page, verify the camera settings and click **Next**.
   - Power line frequency: 60Hz
   - Capture mode: 1080p WDR
   - PTZ mode: Optical zoom for installation



6. The next page allows you to adjust the camera perspective and zoom as needed. Click **Done**.

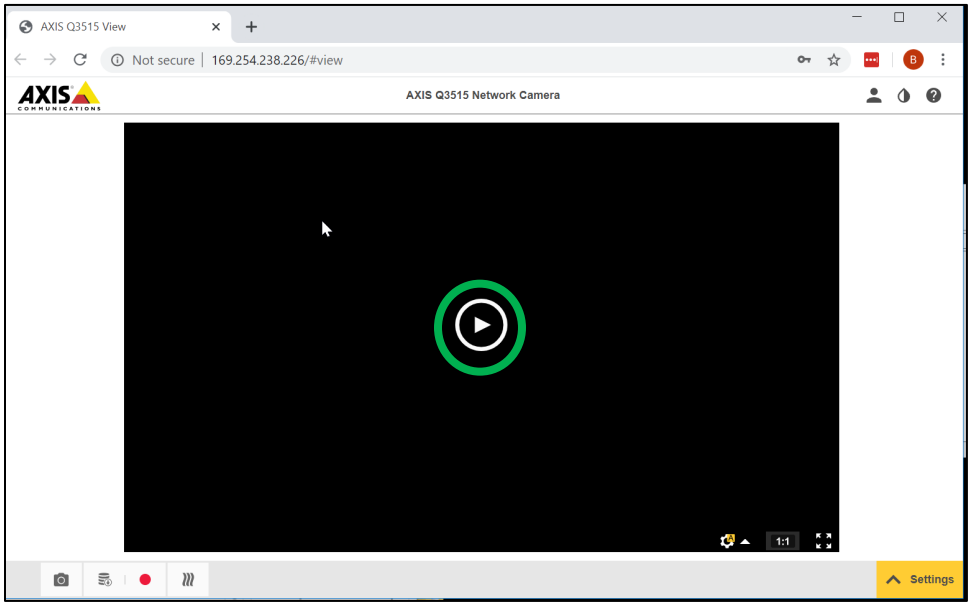


7. The IP and time zone setting page will open next. Do not change the IP address of the camera at this time. Only set the time and time zone. You will make the final static IP changes after using the laptop to approve camera views and placement.



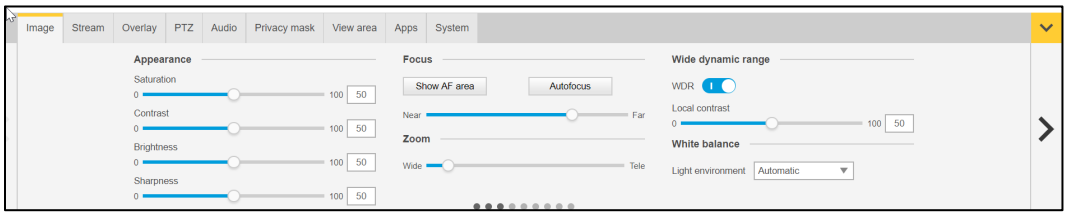
8. The camera homepage loads after the settings are saved.

   - Click the play button to see the camera view to assist with camera placement.



9. If needed, the camera image can be adjusted as follows:

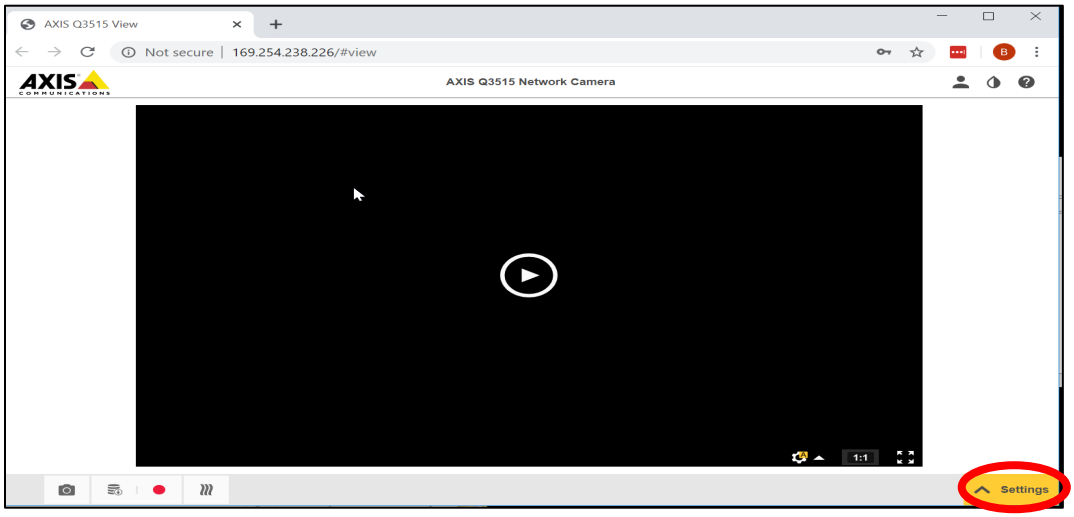
   - Click **Settings**, in the lower right, and click the **Image** tab.
   - Adjust the focus by selecting the **Autofocus** option or be adjusting the settings for near/far focus.
   - Use the **Zoom** slider to adjust the span of the view on the camera.



Assigning Camera Static IP Address:

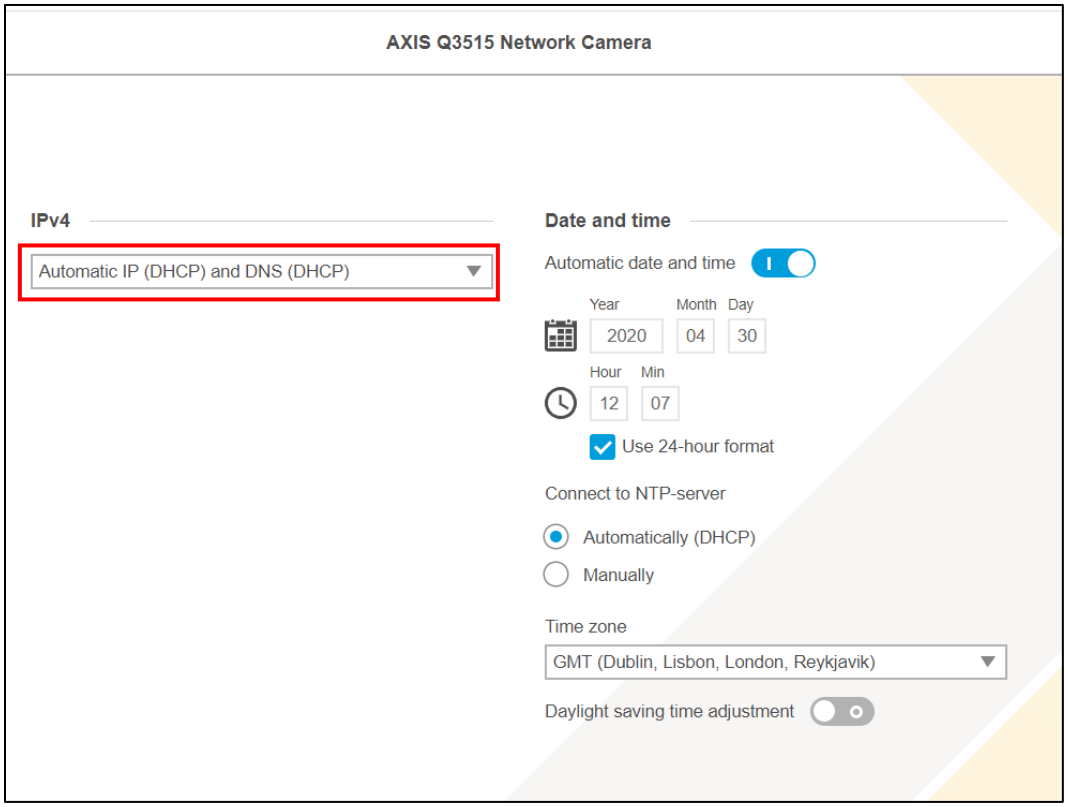
After the camera location/positioning has been determined, the IP addresses can be configured. The changing of the IP address on the camera should be done after all testing is complete. Once you change the IP address, you will not be able to access the web interface of the camera until it is connected to your network, or you change the IP settings on your laptop to match the new IP on the camera.

1. Click **Settings**, in the lower-right.



2. Click the **System** tab and click **TCP/IP**.

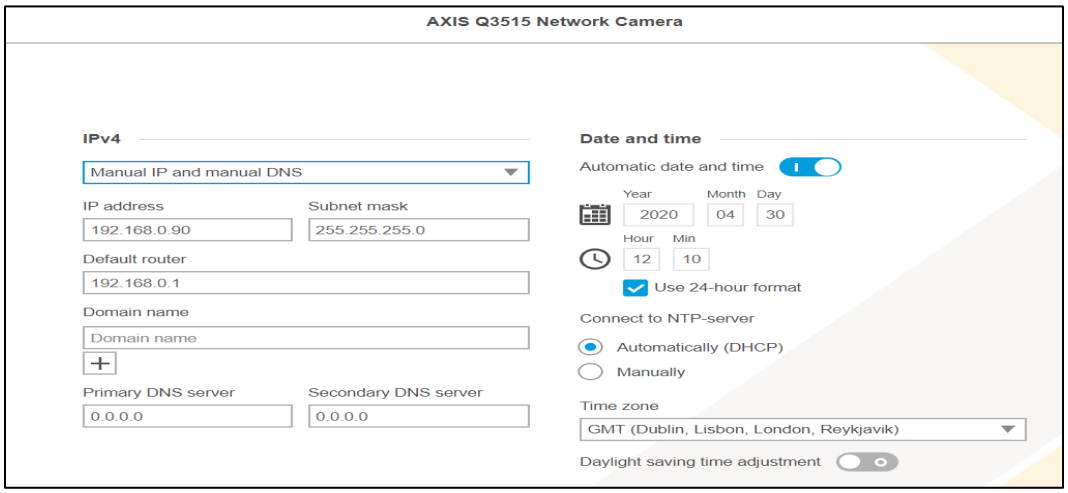
3. In the IPv4 category list, select the **Manual IP and Manual DNS**.



4. Enter the network settings for this camera, as determined by your network administrator, in the following fields:

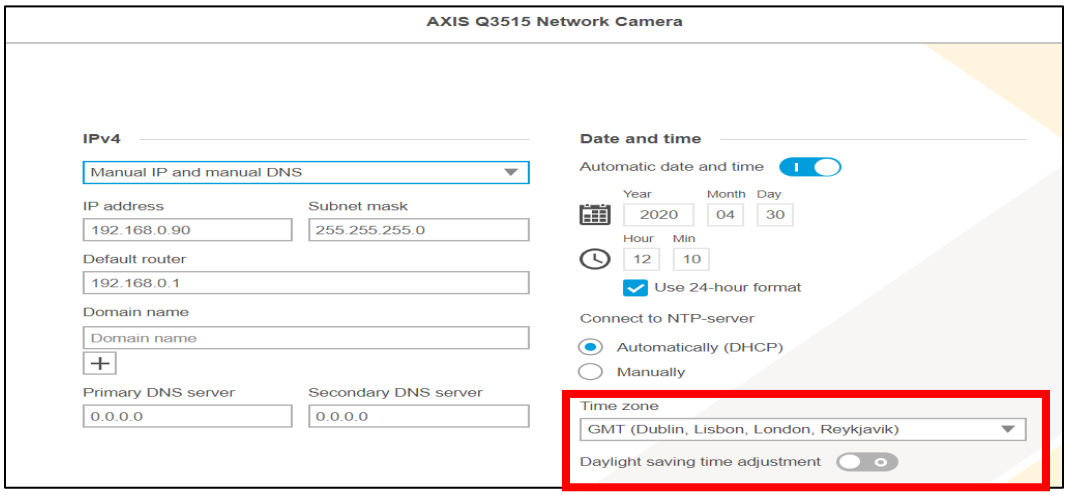
   - IP address
   - Subnet Mask
   - Default router (default gateway)

- Do not enter DNS settings



5. Verify that **Automatic date and time** is turned on.

6. Set the Time Zone information to your local time zone.

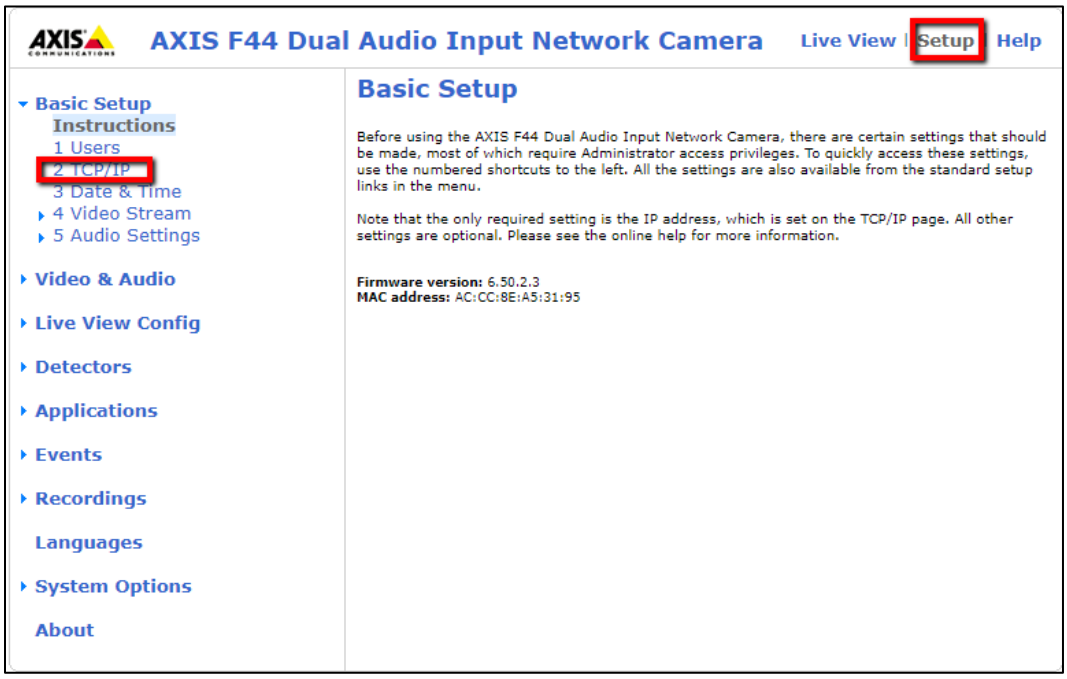


7. Click **Next** to save the settings.

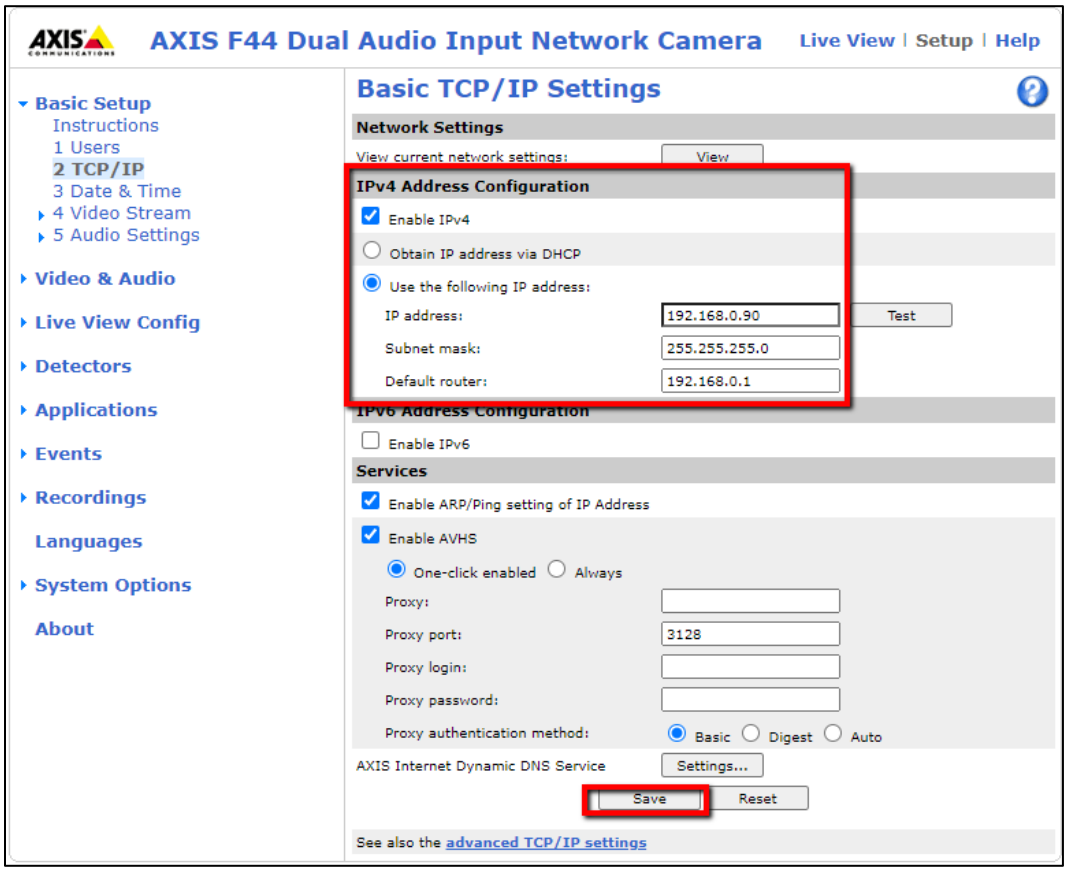
IP Configuration on the F41\F44:

The web interface for the F41/F44 covert camera is different than the interface of the Dome or PTZ cameras.

1. Log into the camera, click **Setup**, and then **TCP/IP**.



2. Select **Use the following IP Address** and enter to preferred IP Address, Subnet Mask, and Default Router (Gateway) information.

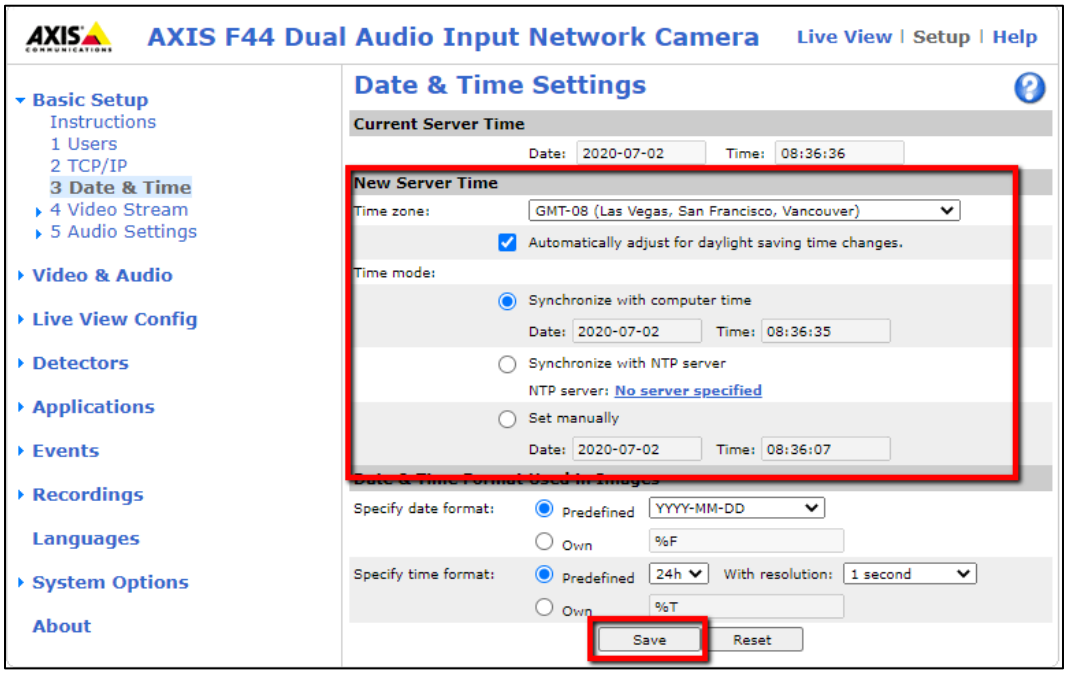


3. Click **Save**.

4. Click **Date & Time**, in the left-side menu

5. Set the New Server Time:

   - Select the appropriate Time Zone.
   - Select **Automatically adjust for daylight saving time**, if necessary.
   - Select **Synchronize with computer**.



6. Click **Save**.

   Configuration of the covert main unit is complete. You can close the web browser.