Laptop/PC network configuration to connect with smartDirectors ETH1/Gb2 port or smartEngines AUX port (for Windows and Mac OS Operating Systems)

December 2019
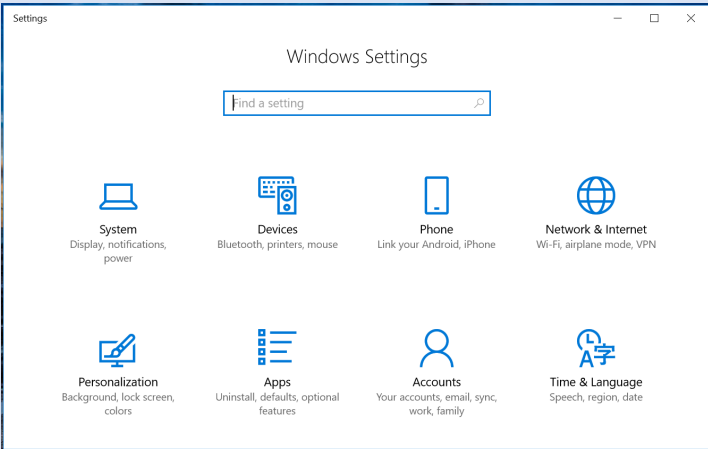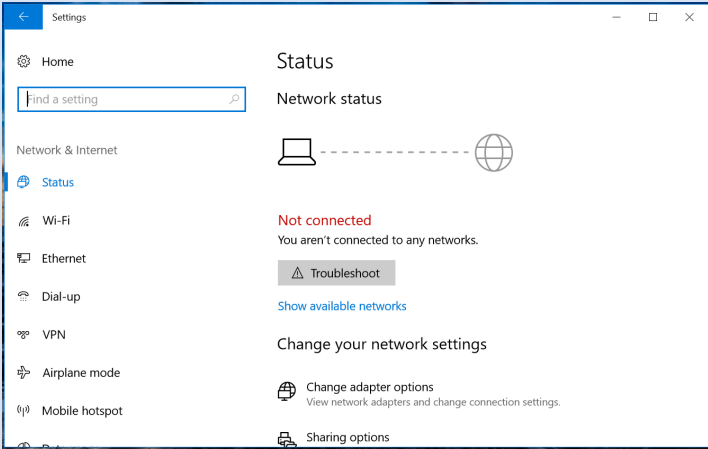
Table of Contents

INTRODUCTION:

This document covers instructions for manually setting up an IP address on your PC/laptop in order to communicate directly with the smartEngine's **AUX** port or smartDirector's **ETH1/Gb2** port over a wired ethernet connection. *Note: In the example, we are using Windows 10 and Mac OS Sierra Operating systems.*
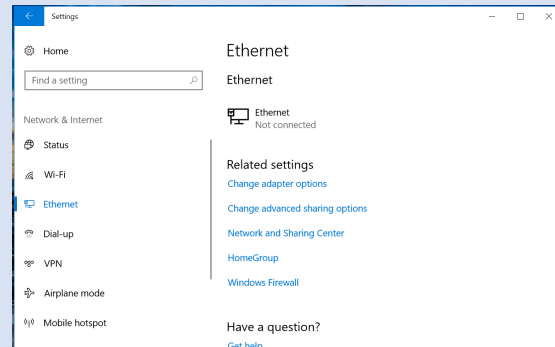
Windows Operating System:

Steps to follow	This is what you will see
Step 1. Click the Start icon (or press Start button on the keyboard), and then tap or click **Settings**. • The Settings page appears	
Step 2. Click on **Network and Internet**. • The Network and Internet page is displayed.	

![smartengine | wtec logo]
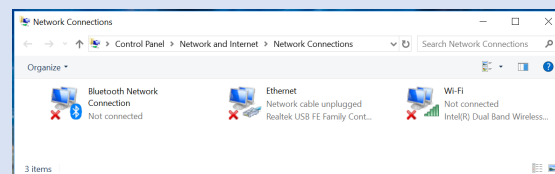
Step 3.

Click on **Ethernet.**

- The Ethernet settings page appears.

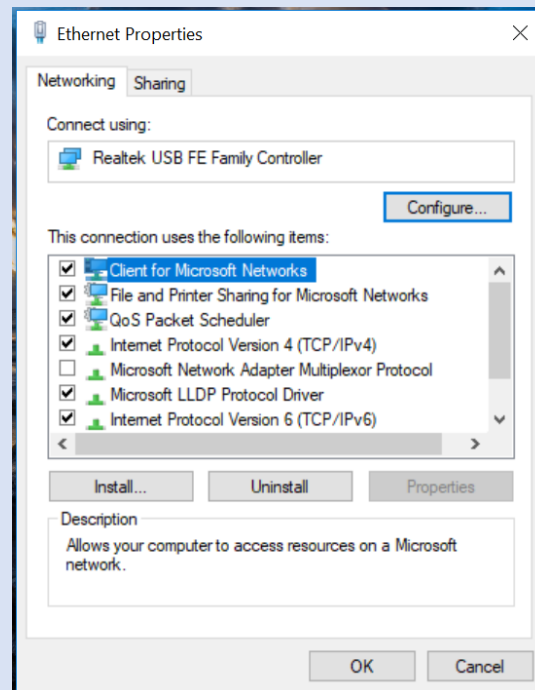**Step 4.**

Click on **Change Adapter Options**

- The Network Connections page is displayed. This page lists each of your network adapters.

Step 5.

Right Click on the **Ethernet** connection and choose **Properties** from the drop-down menu.
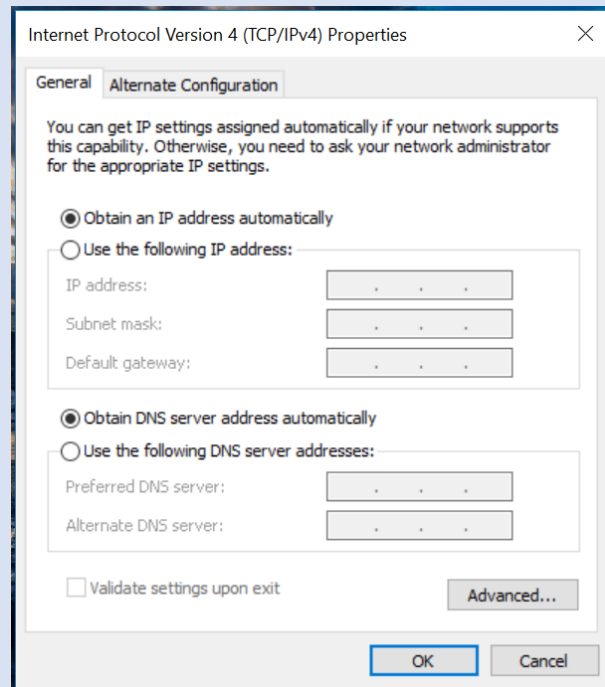
- This will open up the Ethernet Properties Dialog box.

Step 6.

Select **Internet Protocol Version 4 (TCP/IPv4)** and click on the **Properties** button**.**

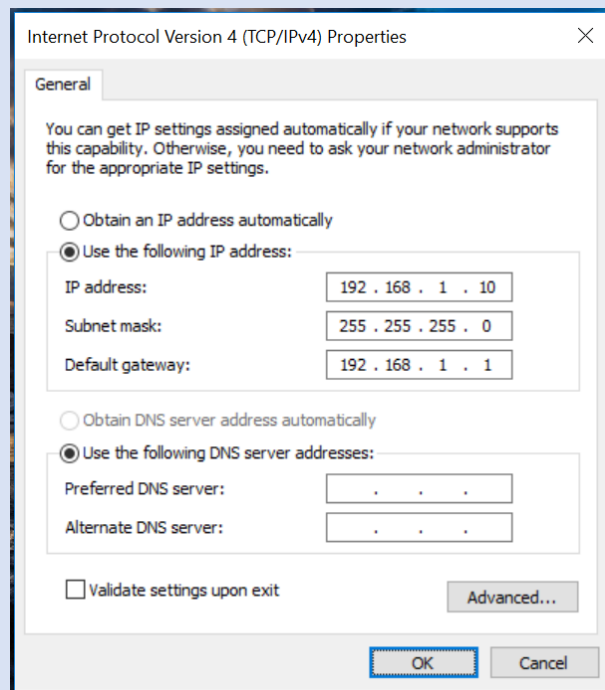- The TCP/IP Version 4 (TCP/IPv4) Properties dialog box will appear.

Step 7.

Note: If any of the fields are already populated in this dialog box as well as the "Advanced…" section, please take a screenshot or write them down as they appear. This is because we can revert back to the original network adapter settings after we are done.
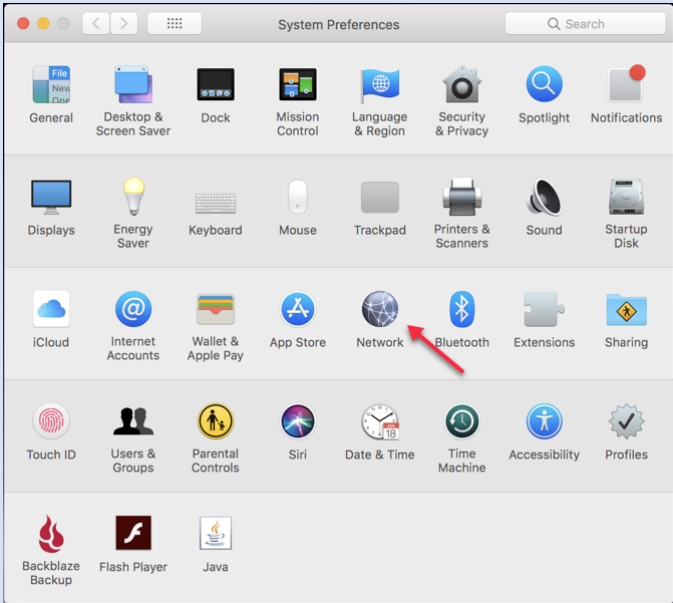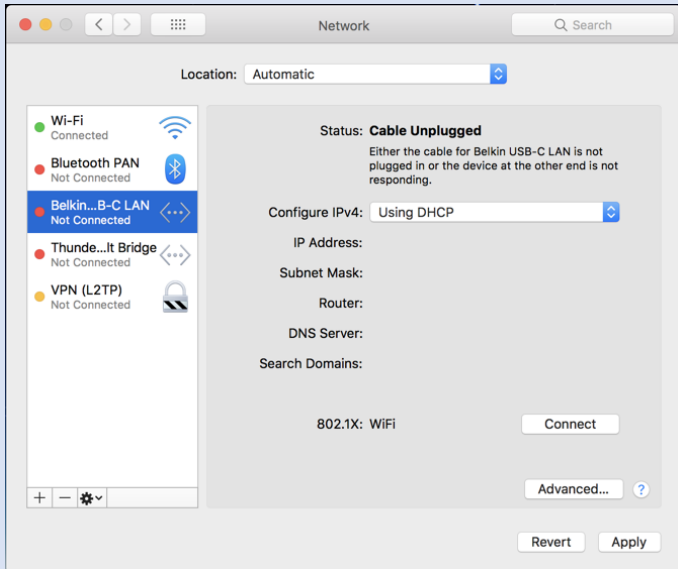
Select the radio button for "**Use the following IP address:**" and fill them out with the following information as listed.

- IP address: 192.168.1.10
- Subnet mask: 255.255.255.0
- Default gateway: 192.168.1.1

Click on the **OK** button when done followed by clicking on the **OK** button of the **Ethernet Properties** dialog box.
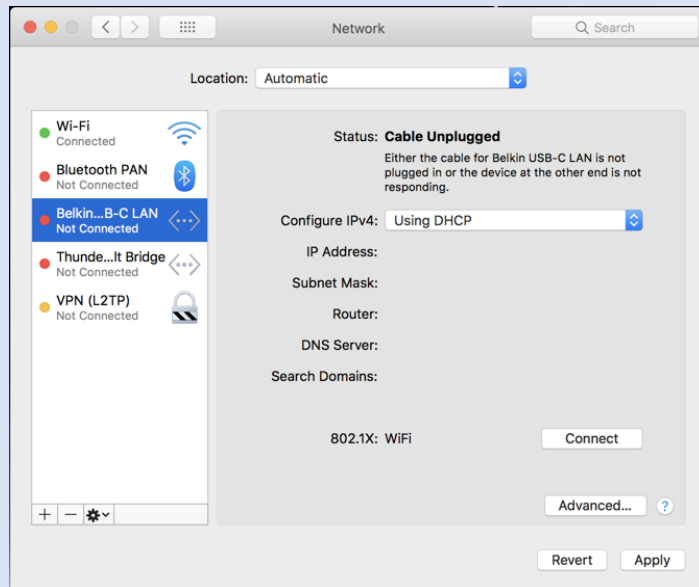
Mac OS Operating System:

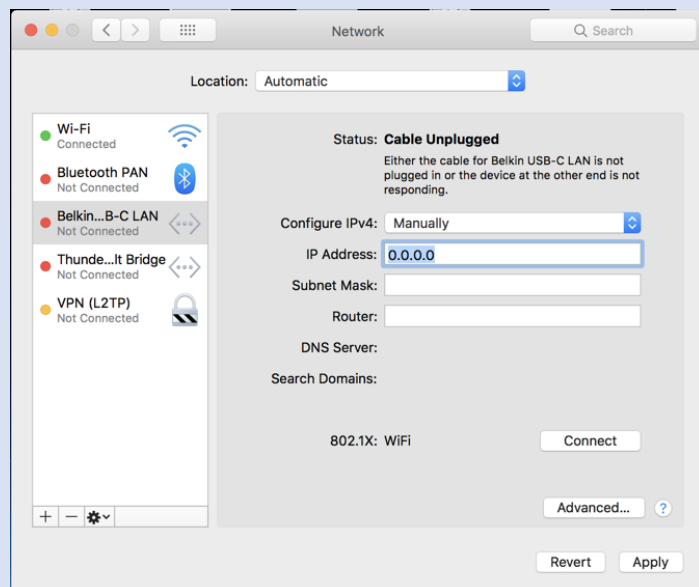| Steps to follow	This is what you will see
Step 1. Choose **Apple** menu and select **System Preferences…** • The System Preferences window will open up	
Step 2. Click on **Network** icon in System Preferences. • The Network pane will be displayed	

Step 3.

Select the network connection you want to modify (such as Ethernet) in the list shown on the left-hand side**.**

Step 4.

Click on **Configure IPv4** drop-down menu on the right-hand pane and choose **Manually.**

Step 5.

Fill out the fields as follows:

- IP Address: 192.168.1.10
- Subnet Mask: 255.255.255.0
- Router: 192.168.1.1

…and click on the **Apply** button upon completion.