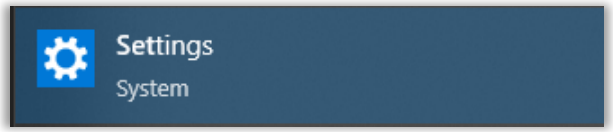
Connecting to the 3141 Channel Power Monitor (CPM)

In an era where network connections play a pivotal role in every aspect of our lives, setting up advanced sensors like the ones used with the 3141 CPM is crucial for ensuring seamless connectivity and integration within various systems. This comprehensive guide is tailored specifically for users of Windows 10 who are looking to establish a connection with these cutting-edge sensors. Whether you're a professional aiming to enhance your operational efficiency or a tech enthusiast keen on exploring the capabilities of these devices, this article will walk you through the essential steps to configure your CPM system.

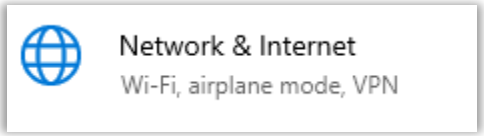
From navigating your system settings to adjusting your Ethernet properties for optimal communication with the CPM, we cover every detail to ensure a smooth setup process. By following this guide, you'll learn how to modify your network settings, including the IP address and subnet mask, to facilitate a direct connection to the sensors' built-in webpages. This step is pivotal for accessing the full range of features and functionalities offered by the 3141 CPM.

Procedure

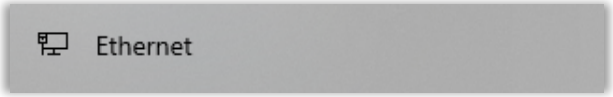
On your Windows 10 machine, go to your system settings.



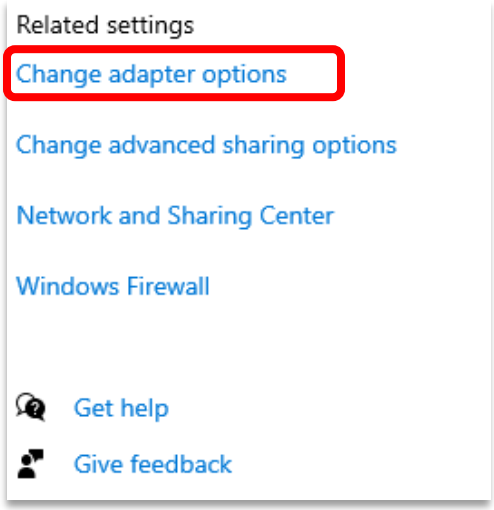
Then select Network and Internet.



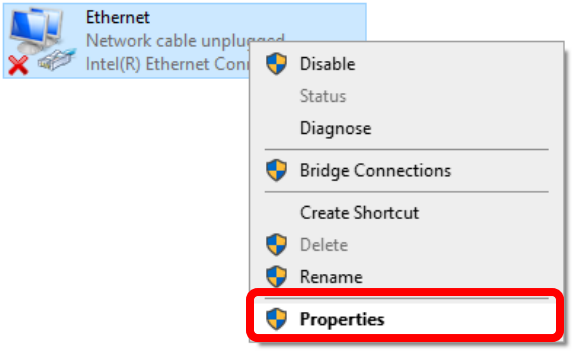
From your Network & Internet settings, select Ethernet from the left panel.



Then, you should see the following options on the right. Select “Change adapter options.”

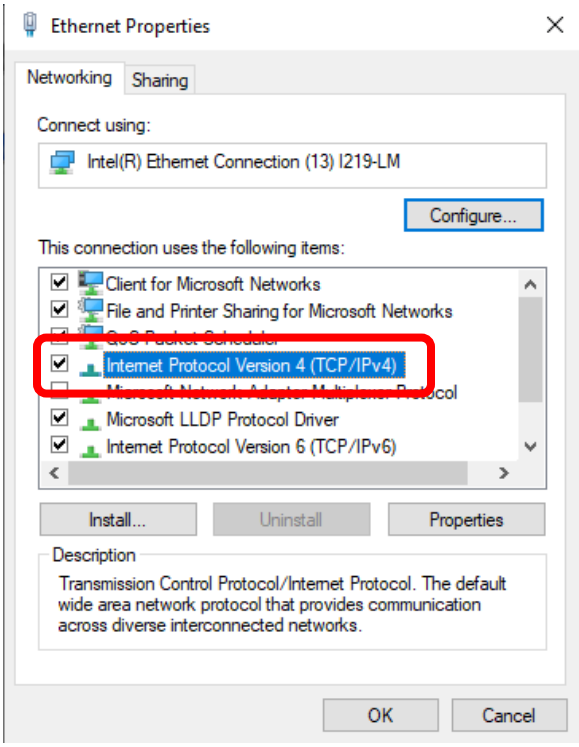


Right click on the network you would like to set up and select Properties.

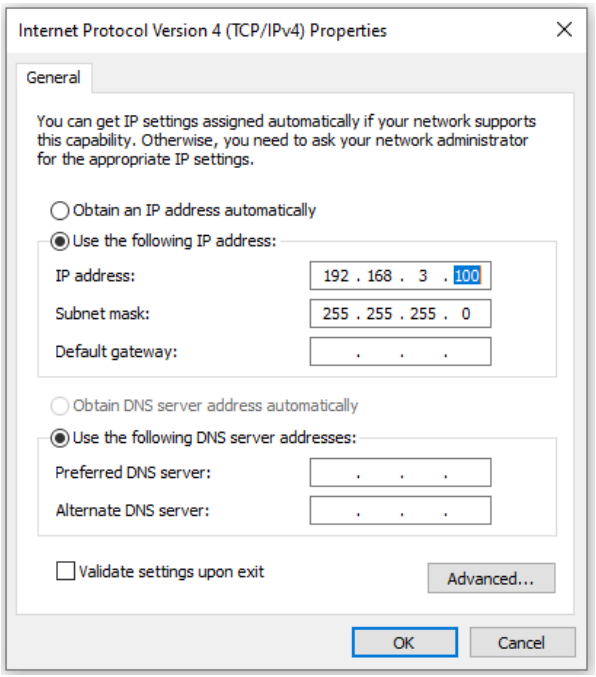


Note: You may need admin access to change these settings.

From the Ethernet Properties Menu double click Internet Protocol Version 4(TCP/IPv4)



You should now see the following window.



Enter the IP address and set the first three octets based on your allocated IP address. The fourth octet can be set to any number between 1 and 255, except for the one you will allocate to the 3141 in the next step. For this example, 100 was used. Then enter the 255.255.255.0 as the Subnet mask. Click OK on both the IPV4 and Ethernet Properties to confirm your settings.

On your 3141 press MENU.

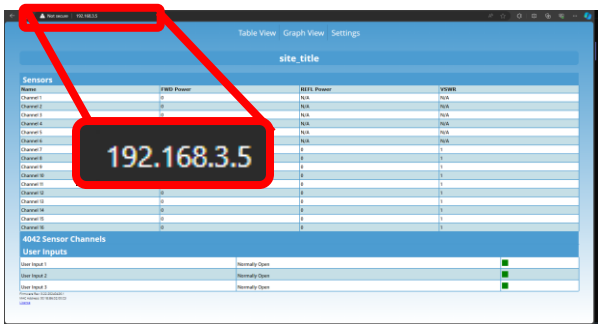
Press DOWN until you get to system setup.

Press ENTER on when on System Setup

Press DOWN until you get to Configure Ethernet

Press Enter to Configure your IP Gate and Subnet Ips. Use the UP and DOWN buttons to change the value of each digit and press ENTER to move to the next digit. After completing this step press Enter to confirm and then you will be prompted to power cycle the unit. To power cycle the unit unplug the unit and plug it back in after a few seconds.

Connect the LAN port on the back of the 3141 to your computer or network device and then enter the 3141's new IP address in your web browser and you will see the devices Built in Webpage.



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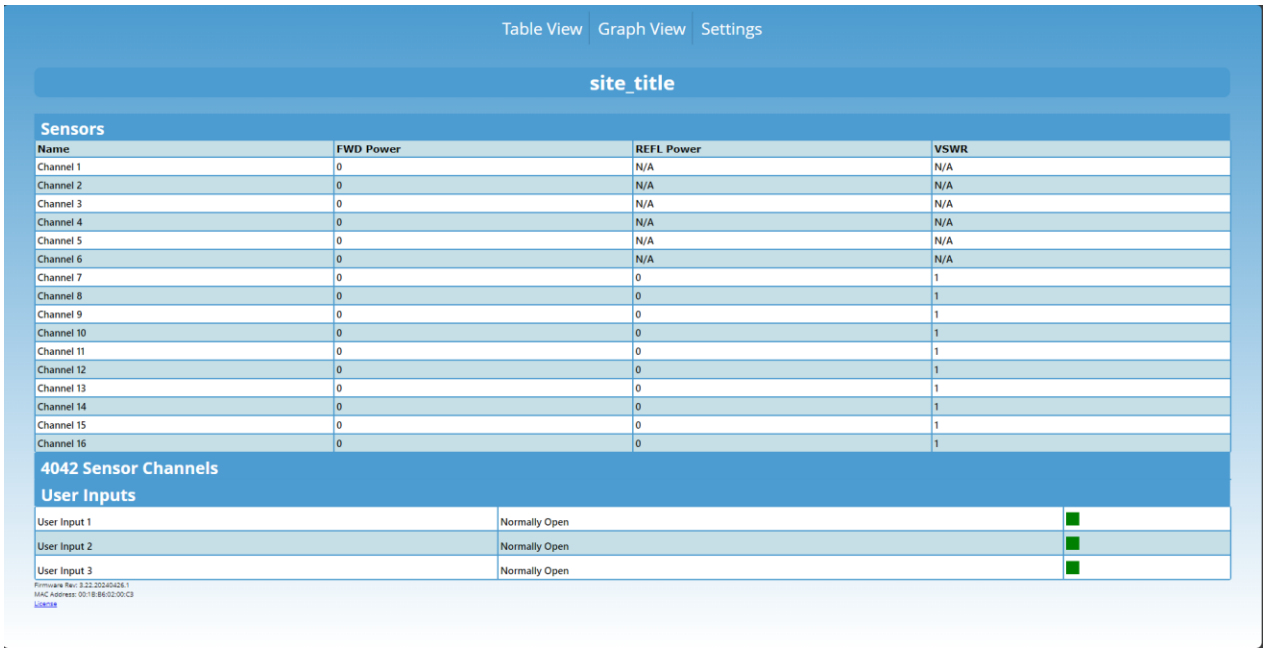

If everything has been done correctly you should see a webpage like the one in the above image. You are now ready to set up your new Channel Power Monitor.