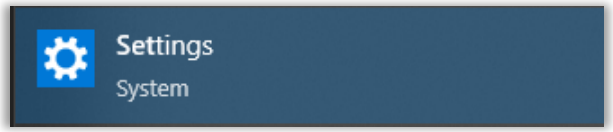
Connecting to CPM 4043E and 4042E Sensors

In an era where network connections play a pivotal role in every aspect of our lives, setting up advanced sensors like the 4043E and 4042E 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 4043E and 4042E sensors effectively.

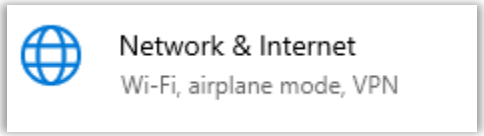
From navigating your system settings to adjusting your Ethernet properties for optimal communication with the sensors, we cover every detail to ensure a smooth setup process. By following this guide, you'll learn how to modify your network settings, including the IP address and subnet mask, to facilitate 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 4043E and 4042E sensors.

Procedure

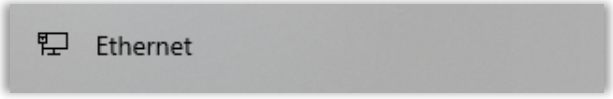
On your Windows 10 machine, go to your system settings.



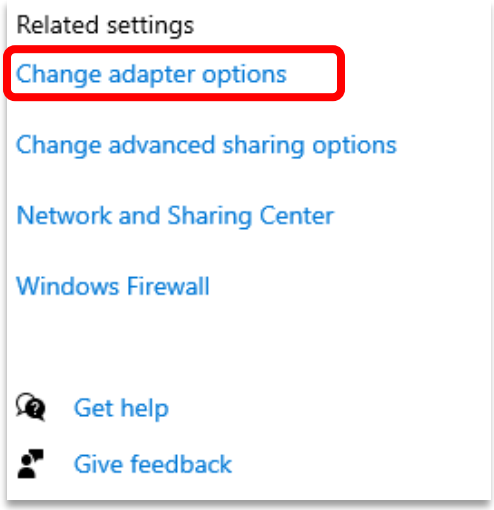
Then select Network and Internet.



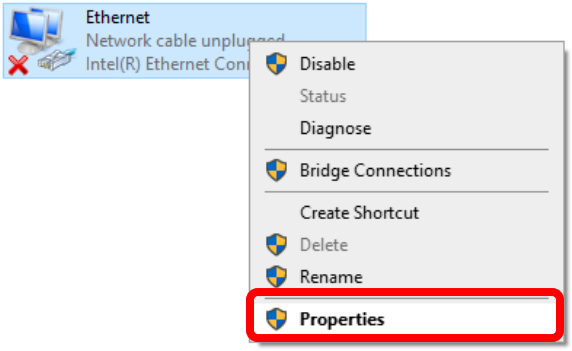
From your Network & Internet settings, select Ethernet from the left panel.



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

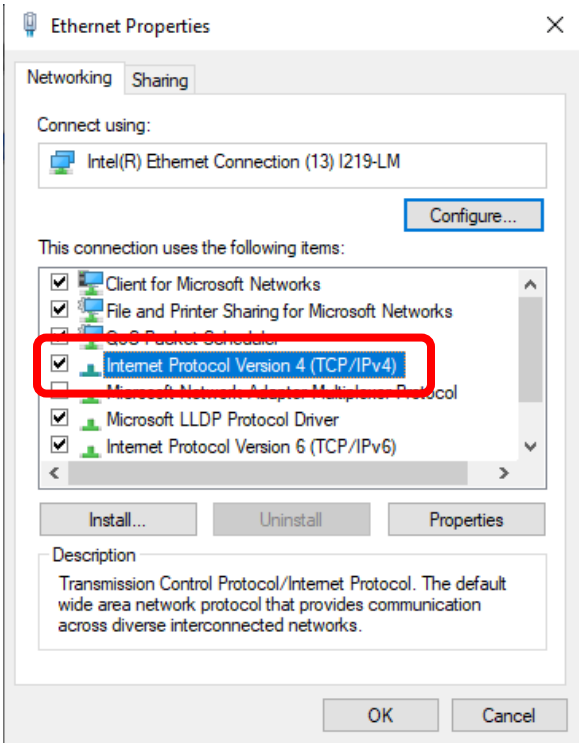


Right click on the network you would like to set up and select Properties.

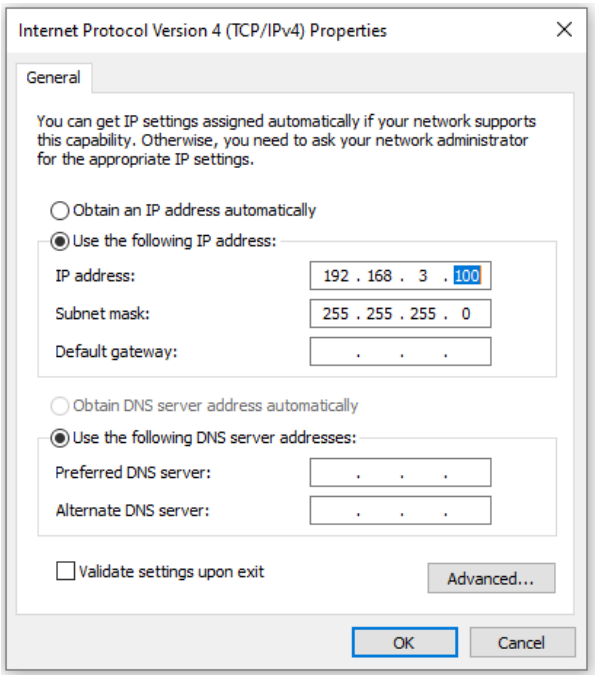


Note: You may need admin access to change these settings.

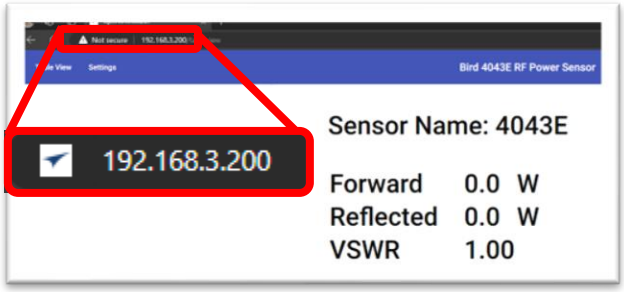
From the Ethernet Properties Menu double click Internet Protocol Version 4(TCP/IPv4)



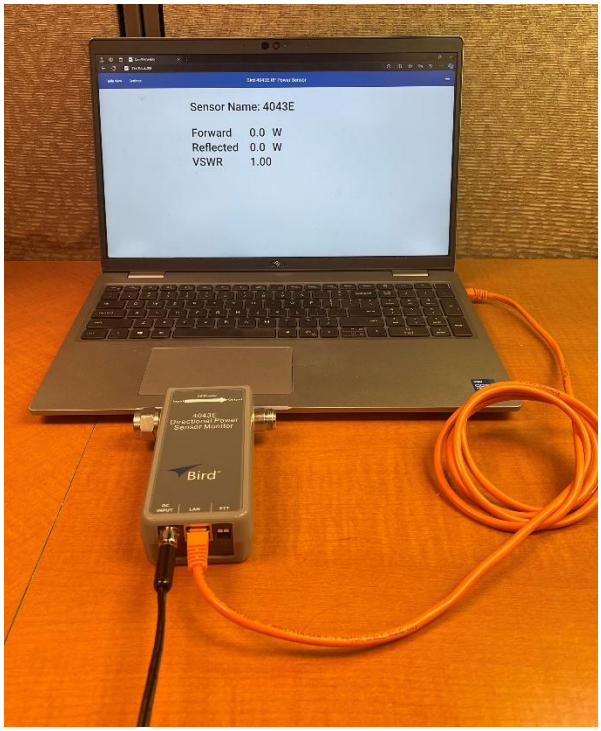
You should now see the following window.



Enter the IP address and set the first three octets to 192.168.3. The fourth octet can be set to any number between 1 and 255, except for 200 which is reserved for the sensor. 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.



Now plug in your sensors with the provided power supply and connect the LAN port to your computer. Then open a web browser and enter the sensors default IP address (192.168.3.200) in the address bar and press Enter. You should now see the sensors built-in webpage.



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 sensor.