2.1 Initial connection to the Pinebox

Hardware manual

www.pinetek-networks.com

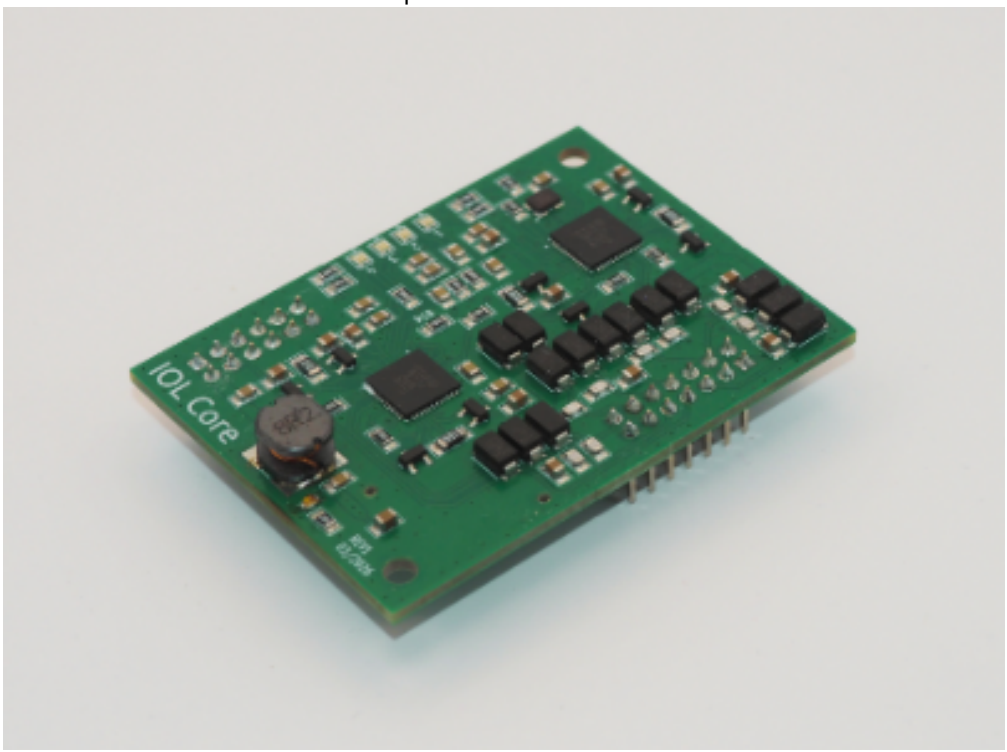


Table of Contents

2.1 Initial connection to the Pinebox 5
Power connection 5
Ethernet connection 5
Network infrastructure/DHCP 5
Direct connection 5

2.1 Initial connection to the Pinebox

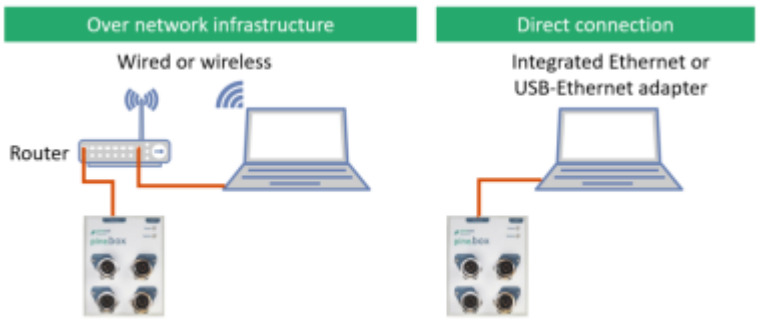
This section describes how to access the web interface of the **Pinebox** over an Ethernet connection.

Power connection

To power the Pinebox, apply 24V to the power connector. The Power LED will turn green and the Pinebox will start. For further details, please refer to the Power Connection section.

Ethernet connection

For the Ethernet connection, there are different options on how to establish the connection. The following image shows the most common configurations:



Network infrastructure/DHCP

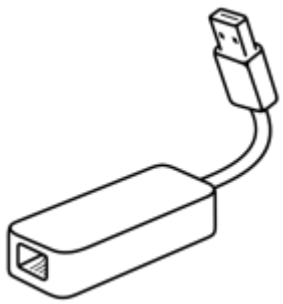
If the connection is established over an existing network infrastructure (router), the IP address for the Pinebox is usually assigned by the DHCP server in the network from a pre-defined IP range. In this case, the user needs to determine the IP address on the configuration page of the router.

The web interface of the Pinebox can be accessed by typing http:/aaa.bbb.ccc.ddd into the address line of your web browser, where aaa.bbb.ccc.ddd is the assigned IP address. Alternatively, the devicename of the Pinebox can be used. The devicename is compiled from the serial number, a device with serial number 12345 will have the devicename **pinebox-12345**. The address for the Pinebox web interface is then http://pinebox-12345

The connection from the PC to the router can be either wired or wireless.

Direct connection

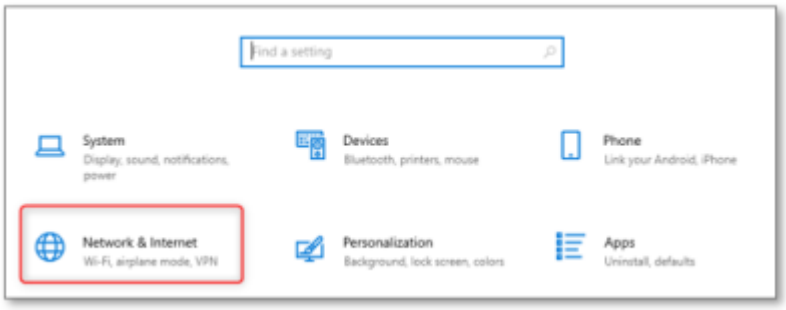
The direct connection can be established either via the PC's build-in Ethernet connection or via a USB-to-Ethernet adapter:



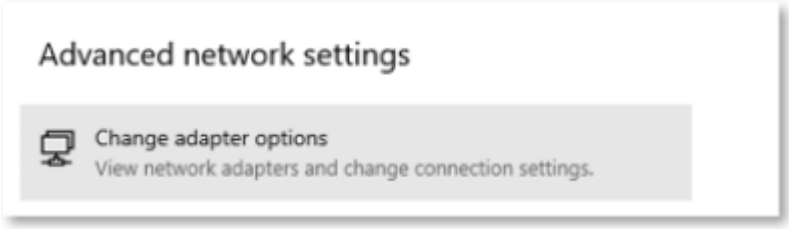
After establishing the connection, the adapter needs to be configured. The following images show how this is

done in the Windows operating system.

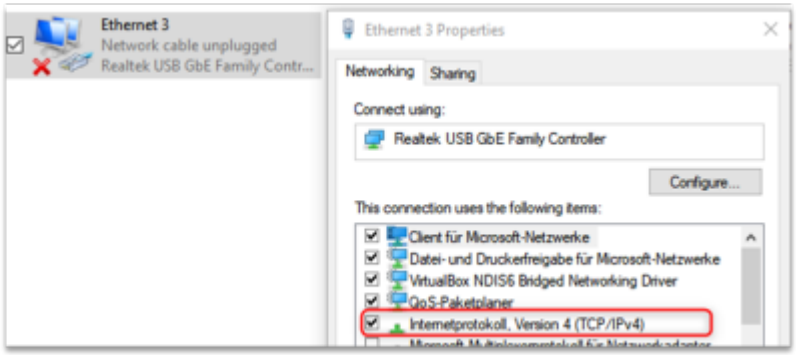
1. Choose Start  > Settings
2. Select “Network & Internet” :



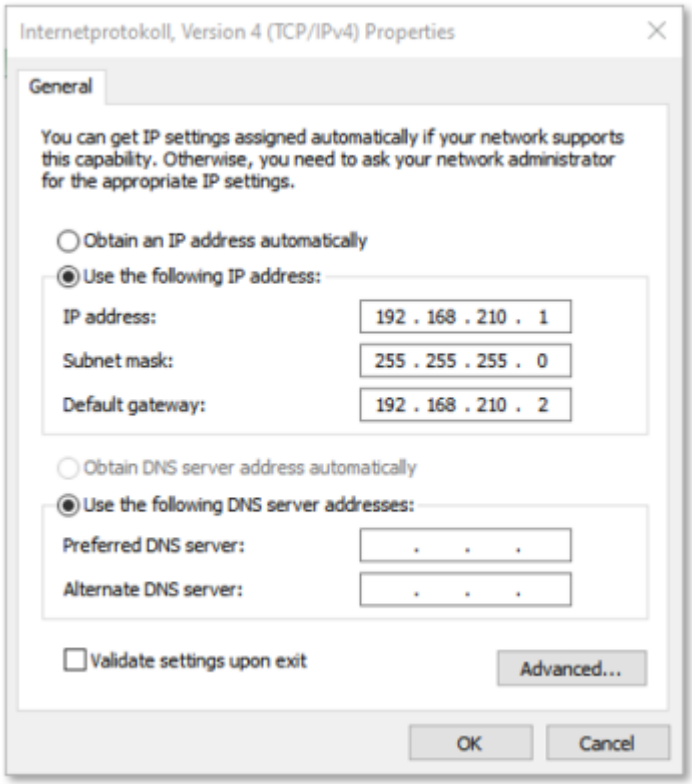
3. Go to “Advanced Network Settings” and select “Change Adapter Options”:



4. Select the Ethernet adapter that was used for the connection by double-clicking and select “Internet Protocol, Version 4 (TCP/IPv4)”:



5. Enter the following values for configuration:



6. Now you can access the Pinebox by typing http://aaa.bbb.ccc.ddd into the address line of your web browser, where aaa.bbb.ccc.ddd is the assigned IP address on the label.

