

# Network connection to Spot (WiFi)

## Setting a static IP

The first thing you will need to do if you want to connect to a Boston Dynamics Spot robot is connect to the robot over the network. The easiest way to do that is to connect to the robots WiFi network. You will quickly run into an issue with connecting, most devices will state "can't connect to this network". This is because there is no [DHCP](#) server running on the network so new devices will have no way of knowing how to talk to each other. You must set a static IP address manually.

## Windows 11

1. Navigate to the settings on your computer. This can be found under the Windows start menu by clicking the gear icon labeled settings.
2. Select **Network & Internet** from the list on the left
3. Select **Wi-Fi**, then select **Show available networks** connect to spot, and then go back to **Wi-Fi**, from here select **<Network Name> properties**
4. Scroll down to the **IP assignment**, and select the **EDIT** button.
5. Change the drop-down from Automatic (DHCP) to **Manual** and toggle on **IPv4**
6. Enter the following settings:

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IP address shown is most likely already used by a device. **There must not be multiple devices with the same ip on the network at one time.**

## Edit network IP settings

Manual

### IPv4

On

IP address

192.168.50.123

Subnet mask

255.255.255.0

Gateway

192.168.50.3

Preferred DNS

DNS over HTTPS

Off

Alternate DNS

Save Cancel

## Windows 10

1. Navigate to the settings on your computer. This can be found under the Windows start menu by clicking the gear icon labeled settings.
2. Select **Network & Internet** from the list.
3. Select **Properties** for your Ethernet adapter. If you have multiple Ethernet adapters, make sure you are selecting the correct one! Do NOT select the WiFi adapter.
4. Navigate to the section labeled **IP settings**. You should see IP assignment is set to Automatic(DHCP)
5. Select **Edit**
6. Change the drop-down from Automatic to **Manual** and toggle on **IPv4**

## 7. Enter the below IP address settings

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