

PassPort IGW



PassPort IGW

Quick Set-Up Guide

Internet Connection Methods:



1. 4G/LTE USB Dongle:

- The PassPort offers multiple internet connection options.
- One option is to use a 4G/LTE USB dongle with an active SIM card.
- Simply plug the 4G USB dongle into any of the USB ports to enable instant internet connectivity without the need for additional configuration.
- When using this setup, you can access the Node-RED editor by connecting through the VPN link provided by Smithtek or directly through the 4G/LTE USB connection.

2. Wi-Fi Connection:

- To connect the PassPort to a local Wi-Fi hotspot, you'll need to configure it through the PassPort setup page.
- Start by connecting to the PassPort's built-in hotspot.
- Once you've made the necessary changes on the setup page, the PassPort's hotspot will disappear, and you can access it through your Wi-Fi modem/router or the VPN link provided by Smithtek.

3. Ethernet Connection:

- The PassPort features an RJ45 Ethernet port for wired connections.
- You can connect the PassPort to a router with LAN instantly without any additional settings in most cases.
- However, in some instances, extra configuration changes may be required via the PassPort setup page.
- To perform these changes, connect to the PassPort's hotspot, configure the settings, save them, and then restart the PassPort.

These options offer flexibility in connecting your PassPort device to the internet, depending on your specific needs and preferences.

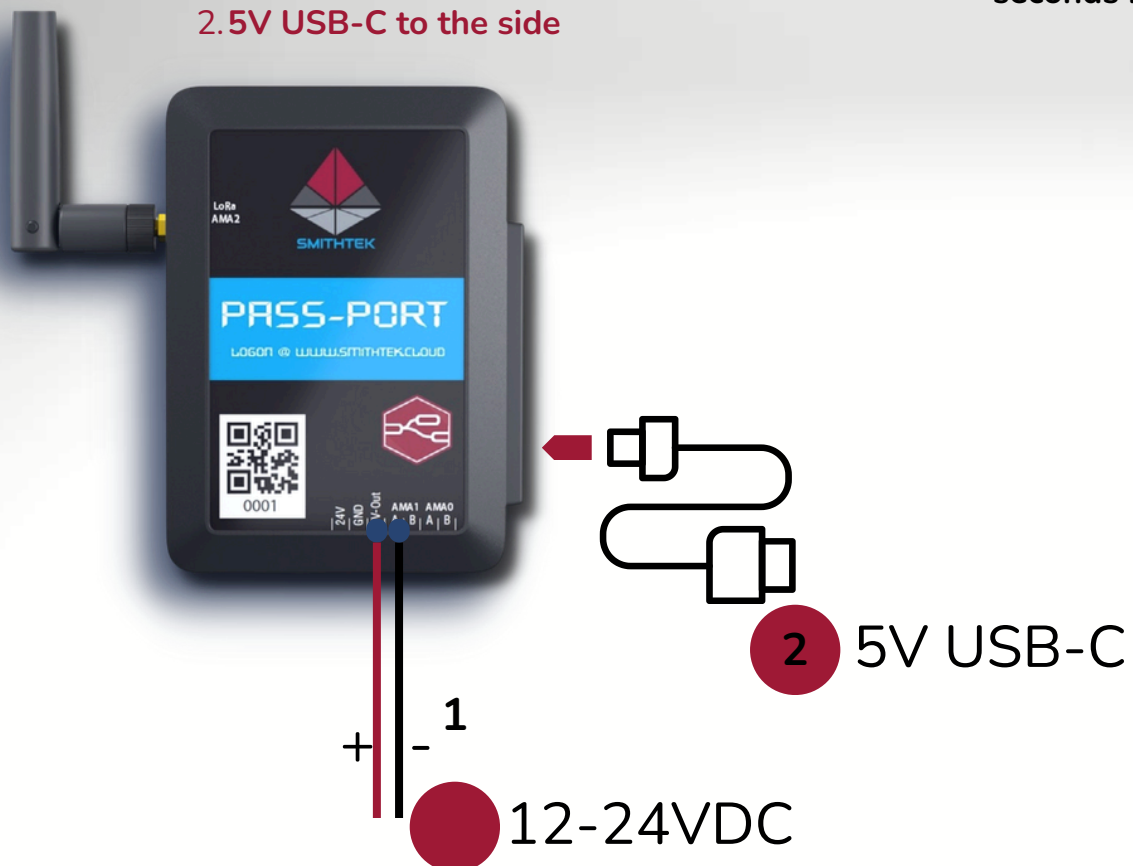
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Power Up / Reset:

Connect power to the PassPort
There are 2 options.

1. 12-24VDC to the green screw terminals
2. 5V USB-C to the side



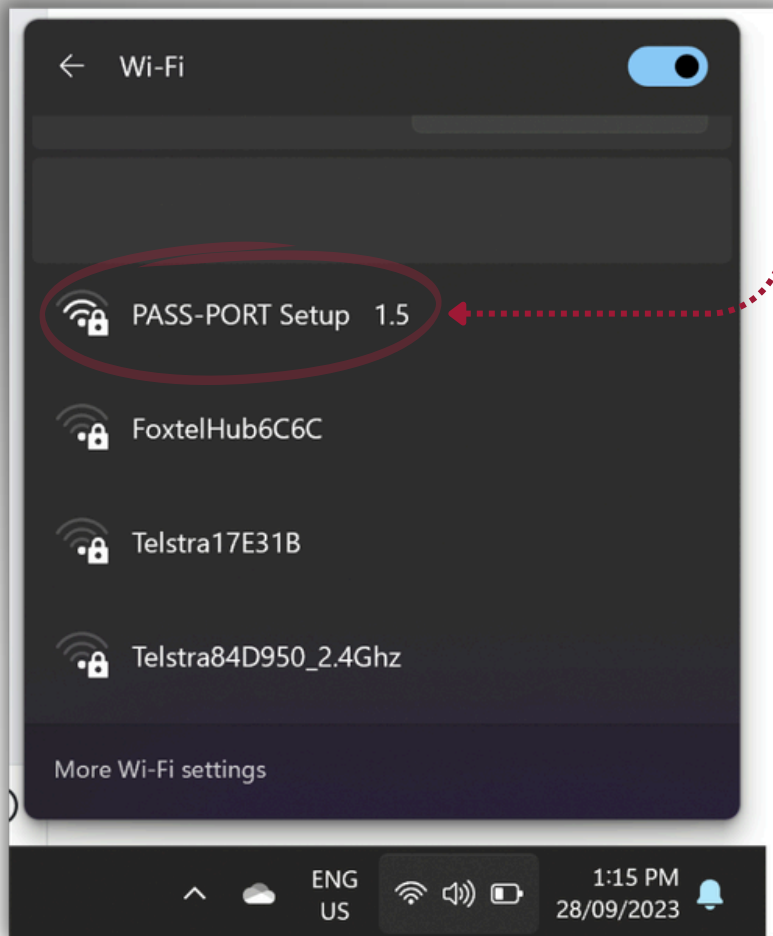
The reset button is located inside
this slot. Press and hold for 15
seconds if required



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Connect to the PassPort Hotspot:



- Using a Wi-Fi-compatible laptop, tablet or phone search for the Wi-Fi Hotspot '**PassPort setup 1.5**'
- Connect to the hotspot. Enter the default password '**passport**'
- Wait 1 minute
- Once connected, open your web browser and enter **10.0.0.1**. This will take you to the PassPort configuration page.

ATTENTION

The access IP is : **10.0.0.1**

Node-RED direct : **10.0.0.1:1880**

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Wi-Fi Configuration:

Select your hotspot

Enter your password

Enter an email here

For a Wi-Fi connection, select the hotspot (router) that the PassPort will use for internet access.

Enter the Password for this hotspot.

Submit the configuration.

Once the connection is successful, you will receive an email within 3–5 minutes containing the assigned IP address. **Use this IP to access Node-RED, for example: 192.168.1.100:1880**

The screenshot shows the 'WIFI-PASSPORT SETUP - HOME' interface. It features a dropdown menu for selecting a hotspot (currently showing 'DIRECT-dA-BRAVIA'), input fields for 'Password' and 'Email', and checkboxes for 'Static IP address configuration', 'Wifi', and 'Ethernet'. Below these are input fields for 'Static IP', 'Gateway IP', and 'DNS Server' for both Wifi and Ethernet. A 'Default Gateway' section has radio buttons for 'wifi' and 'ethernet'. A 'SUBMIT' button is at the bottom, along with a 'WPA: Enabled' status and a 'Key: passport' label. A warning message at the bottom states: 'If the wrong credentials have been entered, you will have to reset the device using the reset button and start again'.

WIFI-PASSPORT SETUP - HOME

DIRECT-dA-BRAVIA

Password

Email

☒ Static IP address configuration

☒ Wifi

☒ Ethernet

Static IP

Gateway IP

DNS Server

Static IP

Gateway IP

DNS Server

Default Gateway

☐ wifi

☒ ethernet

Please enter the valid ips

SUBMIT

WPA: Enabled Key: passport

Welcome to the **Passport Configuration Portal**. On this page you can configure your passport to connect to a local WIFI network

WIFI Hotspot: Use this to select your WIFI hotspot

Password: Enter password for the chosen WIFI hotspot

Email: Enter the email. If the device successfully connects, it will email the IP address to access Node-RED

WARNING

If the wrong credentials have been entered, you will have to reset the device using the reset button and start again

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Static IP Wi-Fi / Ethernet:

To set up a static IP, select the network interface. Your router must also be configured
Then complete the properties. This must be done before you submit the settings

The screenshot shows the 'WIFI-PASSPORT SETUP - HOME' configuration page. On the left, three red callout boxes with arrows point to specific fields: 'Static IP here' points to the 'Static IP' field under the 'Wifi' section; 'Your router gateway IP here' points to the 'Gateway IP' field under the 'Wifi' section; and 'DNS here, or use your gateway IP' points to the 'DNS Server' field under the 'Wifi' section. The 'Wifi' and 'Ethernet' sections are both selected for 'Static IP address configuration'. The 'Default Gateway' is set to 'ethernet'. A 'SUBMIT' button is at the bottom. Below the button, there is a 'WIFI Hotspot' section with instructions and a 'WARNING' section at the very bottom.

WIFI-PASSPORT SETUP - HOME

DIRECT-da-BRAVA

Password

Email

☒ Static IP address configuration

☒ Wifi ☒ Ethernet

Static IP

Gateway IP

DNS Server

Static IP

Gateway IP

DNS Server

Default Gateway

wifi ethernet

Please enter the valid ips

SUBMIT

WIFI: Enabled Key: passport

Welcome to the **Passport Configuration Portal**. On this page you can configure your passport to connect to a local WiFi network

WIFI Hotspot: Use this to select your WIFI hotspot

Password: Enter password for the chosen WIFI hotspot

Email: Enter the email. If the device successfully connects, it will email the IP address to access Node-RED

WARNING

If the wrong credentials have been entered, you will have to reset the device using the reset button and start again

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Default Gateway:

On occasion, some modem / routers require the PassPort network interface (Wi-Fi or Ethernet) to know what its default gateway is.

If you are using Ethernet and get partial connectivity, select Ethernet as the default gateway

Default gateway
here

ATTENTION

If the PassPort uses the Wi-Fi for internet access, but also at the same time uses Ethernet for Modbus TCP, for example, it will need to know the Wi-Fi is the gateway and the Ethernet is not WAN priority.

WIFI-PASSPORT SETUP - HOME

☒ Static IP address configuration

☒ Wifi ☒ Ethernet

Default Gateway

☐ wifi ☐ ethernet

Please enter the valid ips

WPA: ☒ Enabled Key: passport

Welcome to the **Passport Configuration Portal**. On this page you can configure your passport to connect to a local WIFI network

☐ **WiFi Hotspot:** Use this to select your WIFI hotspot

☐ **Password:** Enter password for the chosen WIFI hotspot

☐ **Email:** Enter the email. If the device successfully connects, it will email the IP address to access Node-RED

WARNING

If the wrong credentials have been entered, you will have to reset the device using the reset button and start again

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Other Settings:

Click here to take you back home to the Wi-Fi config page

Takes you to Node-RED

Resets your Node-RED flow file

Changes your Node-RED editor password.

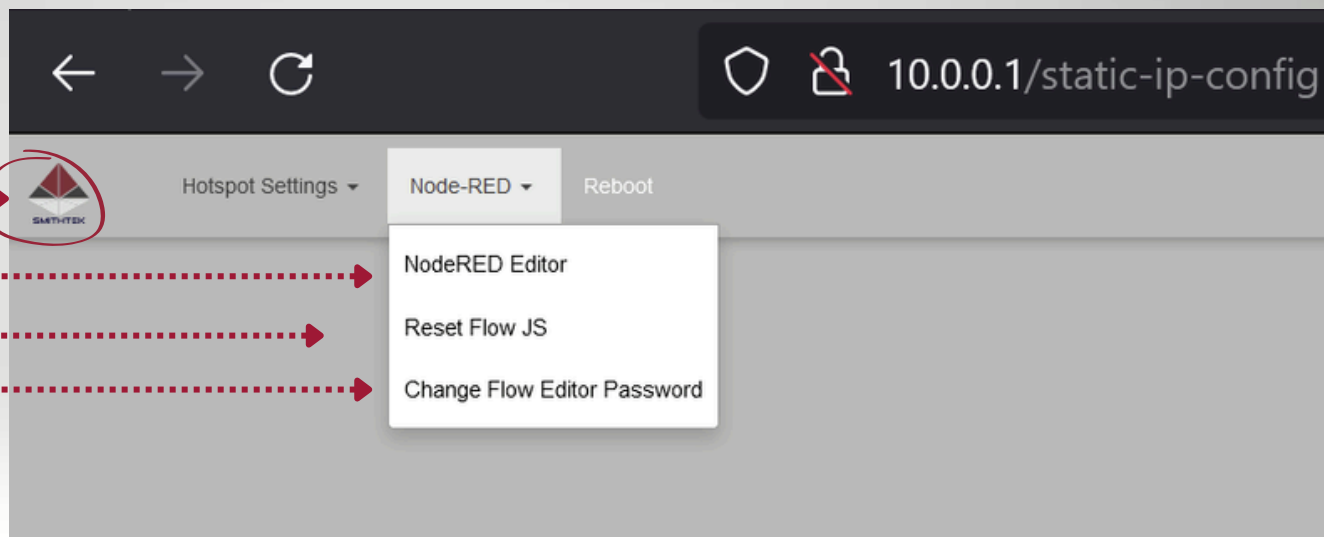
Default User: SMITHTEK

Default Pass: SMITHTEK

The Manual SSID setting allows you to manually enter an SSID. If the hotspot is hidden, you can enter the SSID manually

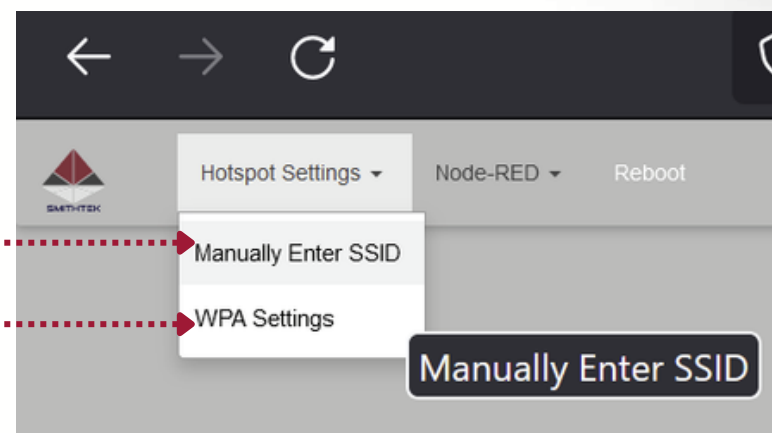
The WPA setting allows you to change the PassPort's default Wi-Fi password "**passport**" to your own custom password. This is handy if you want to keep the config portal live but protect it from unauthorised access.

ATTENTION



Manual Hotspot SSID

Create a new PassPort password



**TO MAINTAIN ACCOUNT SECURITY, YOU ARE REQUIRED TO CHANGE THE TEMPORARY PASSWORD.
YOUR NEW PASSWORD MUST BE AT LEAST EIGHT CHARACTERS LONG AND EASY TO REMEMBER.**

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Troubleshooting:

Issue	Checks	Fix
I connected the PassPort to a local Wi-Fi but I cannot find the PassPort on my network	• Make sure the PassPort is within range of your Wi-Fi transmission. • Double check you have used the correct SSID • Make sure the PassPort has adequate power • Make sure the modem/router is turned On	• Move the PassPort next to your Wi-Fi and try again. • Press the reset button for 15 seconds and go through the setup guide again
I plugged the PassPort into Ethernet, I can get onto Node-RED but I cannot download new nodes or use IoT services	• Check the WAN connection is active so the PassPort can see the internet. • If you have set up the Wi-Fi but want to use the Ethernet. Reset the PassPort • Did you set up the default gateway to both Ethernet and Wi-Fi?	• If the checks are OK. Set the PassPort to default gateway (Ethernet). Follow the instructions 'static IP' and 'default gateway'. • Remember to only choose 1 default gateway • To complete these settings you must choose a hotspot, but do not enter a password, leave it blank. It allows you to save the new configuration
My Node-RED flow is damaged and locked me out.		Press the Reset for 15 seconds. Access the PassPort setup and reset the Node-RED flow file, follow the instructions 'Other settings'
I forgot my Node-RED flow editor password		Press the Reset for 15 seconds. Access the PassPort setup and make a new Node-RED flow editor password, follow the instructions 'Other settings'
I inserted a USB dongle but the internet is intermittent	• Did you configure the PassPort to use the Wi-Fi?	Press the reset for 15 seconds. Do not configure the Ethernet or Wi-Fi. If needed only configure the WPA Settings to secure your PassPort. Plug in the USB dongle and try again
I have a Modbus TCP slave device connected to the PassPort and using the Wi-Fi as the WAN connection for the internet, but its not working?		• Press the reset for 15 seconds. • Configure the PassPort to use its Wi-Fi as default gateway. If possible configure it to have a static IP outside your Modem's DHCP range. Follow instructions on "Static IP and Default gateway"