PassPort Quick Setup

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 NodeRED editor by connecting through the VPN link provided by Smithtek or directly through the same USB Wi-Fi dongle.

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.
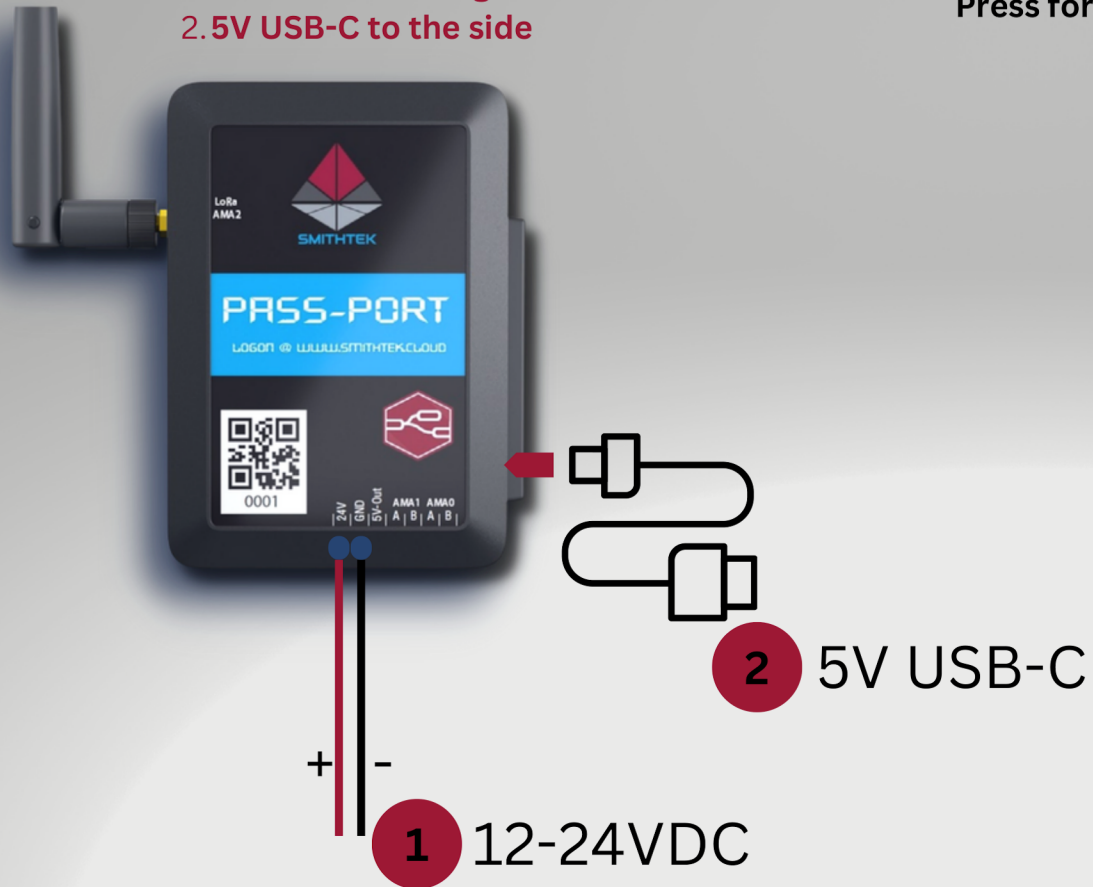
3. **Ethernet Connection:**
- The PassPort features an RJ45 Ethernet port for wired connections.
- You can connect the PassPort to a router with LAN instantly without any additional settings in most cases.
- However, in some instances, extra configuration changes may be required via the PassPort setup 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.

Ways to connect to the internet

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PassPort Quick Setup
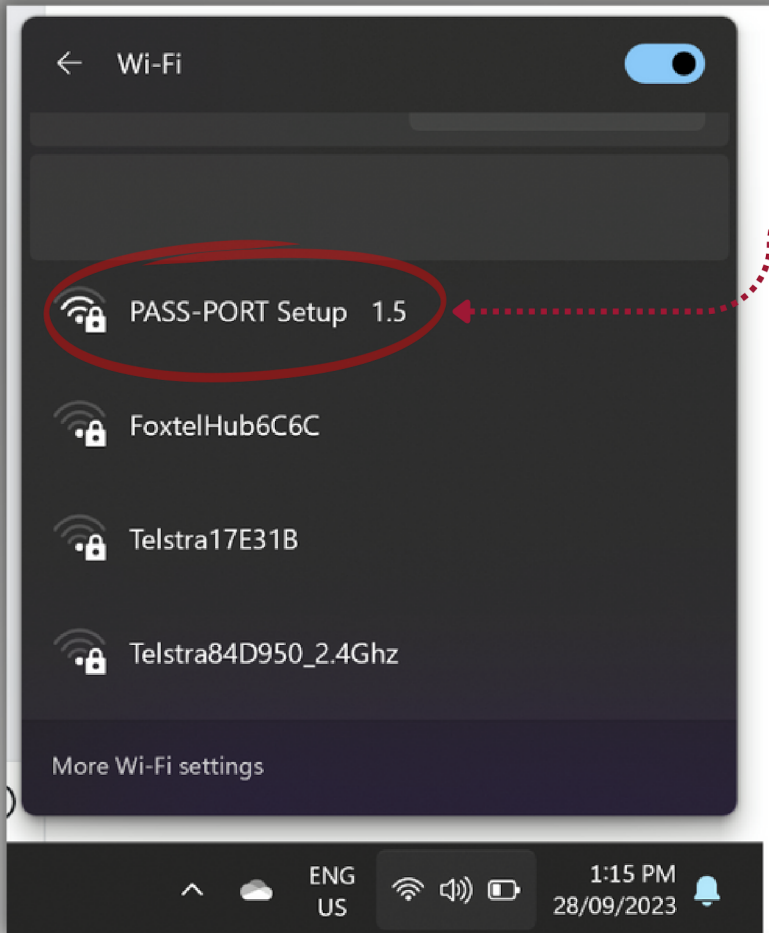
Connect Power to the PassPort
There are 2 options.
1. **12-24VDC to the green screw terminals**
2. **5V USB-C to the side**

**The reset button is tucked
under the inside of this slot
Press for 15 seconds if needed**

2 5V USB-C

+ −

1 12-24VDC

Power up / Reset

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PassPort Quick Setup

- Using a Wifi compatible Laptop, Tablet or phone search for the Wifi Hotspot "PassPort setup 1.5"
- Connect to the hotspot. Enter the default password "passport"
- wait 1 minute
- If connected to "PassPort setup 1.5" go to your web browser and enter the IP "10.0.0.1" this will take you to the PassPort configuration page

ATTENTION

The access IP is : 10.0.0.1
NodeRED direct : 10.0.0.1:1880

Connect to the PassPort Hotspot

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PassPort Quick Setup

Select your hotspot

Enter your password

Enter an email here

For a Wifi connection you need select the (Router)Hotspot your passport will connect to with internet access.

Enter the Password for this hotspot
Finally if you want to know the IP address your passport is assigned by the (Router) enter this. If the connection is successful you will receive an email around 3-5 minutes later with your IP. This IP will get you onto NodeRED.
example, 192.168.1.100:1880

WIFI-PASSPORT SETUP - HOME

DIRECT-dA-BRAVIA

Password

Email

☑ Static IP address configuration

☑ Wifi   ☑ Ethernet

Static IP   Static IP

Gateway IP   Gateway IP

DNS Server   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

Configuration Wifi

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PassPort Quick Setup

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

Static IP here

Your router gateway IP here

DNS here, or use your gateway IP

WIFI-PASSPORT SETUP - HOME

DIRECT-dA-BRAVIA

Password

Email

☑ Static IP address configuration

☑ Wifi   ☑ Ethenet

Static IP   Static IP

Gateway IP   Gateway IP

DNS Server   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

Static IP Wifi / Ethernet

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PassPort Quick Setup

On occasion some Modem / routers require the PassPort network interface (Wifi) Or (Ethernet) to know what its default gateway is.

If you are using Ethernet and get partial connectivity. Select Ethernet as default gateway.

Default Gateway Here

ATTENTION

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

WIFI-PASSPORT SETUP - HOME

DIRECT-dA-BRAVIA

Password

Email

☑ Static IP address configuration

☑ Wifi   ☑ Ethernet

Static IP   Static IP

Gateway IP   Gateway IP

DNS Server   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

PassPort Quick Setup

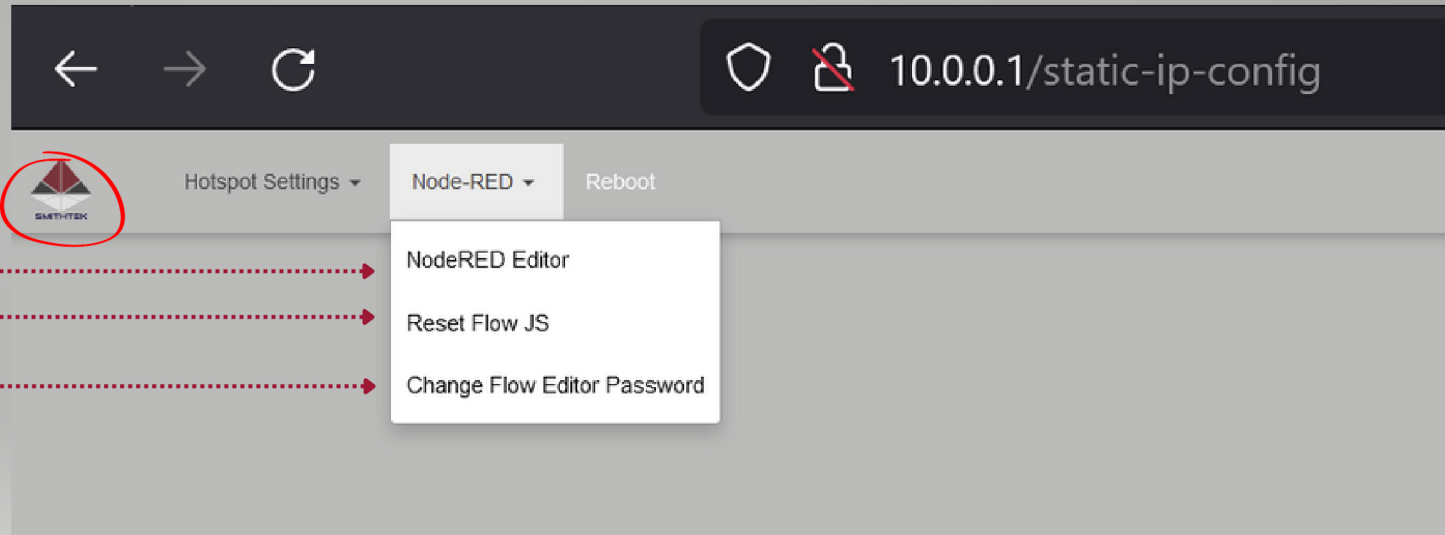**Click here to take you back home to the Wifi config page**

Takes you to NodeRED

Resets your NodeRED flow file

Changes your NodeRED editor password.
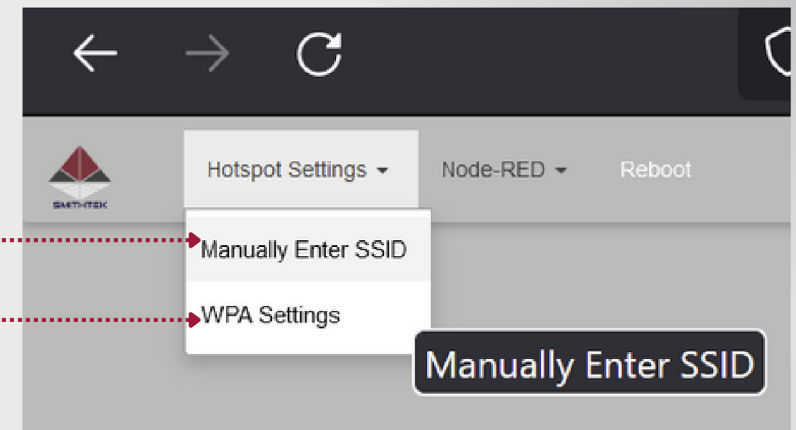**Default User: SMITHTEK**
Default Pass: SMITHTEK

The Manual SSID setting allows you to manually enter a SSID. The hotspot could be hidden and requires the details putting in manually.

The WPA setting allows you to change the PassPort default Wifi password "passport" to your own custom password.
This is handy if you want to keep the config portal live but protect from unauthorized access.

ATTENTION Your new password must be 8 characters long

10.0.0.1/static-ip-config

Hotspot Settings ▾   Node-RED ▾   Reboot

NodeRED Editor

Reset Flow JS

Change Flow Editor Password

Manual Hotspot SSID

Create a new PassPort Password

Hotspot Settings ▾   Node-RED ▾   Reboot

Manually Enter SSID

WPA Settings

Manually Enter SSID

Other Settings

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PassPort Quick Setup

Issue	Checks	Fix
I connected the PassPort to a local Wifi but I cannot find the PassPort on my network	• Make sure the PassPort is within range of your Wifi transmition. • 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 Wifi and try again. • Press the reset button for 15 seconds and go through the setup guide again
I plugged the PassPort into the ethernet, I can get onto NodeRED 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 setup the Wifi but want to use the Ethernet. Reset the passport • Did you setu the default gateway to both Ethernet and Wifi?	• 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 dont enter a password, leave it blank. It allows you to save the new configuration
My NodeRED flow is damaged and locked me out.		Press the Reset for 15 seconds. Access the PassPort setup and reset the NodeRED flow file, follow the instructions "Other settings"
I forgot my NodeRED flow editor password		Press the Reset for 15 seconds. Access the PassPort setup and rmake a new NodeRED 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 Wifi?	Press the reset for 15 seconds. Dont configure the Ethernet or Wifi. If needed only configure the WPA Settings to secure your PassPort. Plug in the USB dongle and try again
I have Modbus TCP slave device connected to the PassPort and using the Wifi as the WAN connection for the internet. its not working?		• Press the reset for 15 seconds. • Configure the PassPort to use its Wifi as default gateway. If possible configure it to have a static IP outside your Modems DHCP range. follow instructions on "Static IP and Default gateway"