

Wrapit Solutions

Configuring the Wrapit Hub

1 Wrapit Hub Setup

This Technical Note serves as a guide for setting up a Wrapit Hub

1.1 Configuring the Hub for Connection to a WiFi Router

This section outlines the step by step process of configuring the Wrapit Hub from unboxing, explaining how to get it connected to your local WiFi Router.

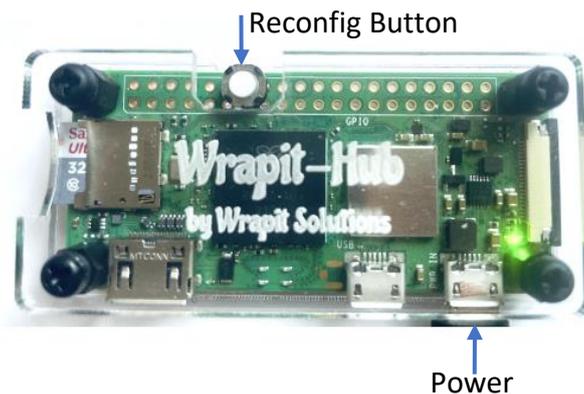


Figure 1.1



Figure 1.2 WiFi Setup Page

Wrapit-Hub Setup Steps

Step	Description
1	Power up your Hub via the micro-USB connector shown in figure 1.1 . It may take around 1 minute to boot up.
2	Open up the WiFi settings on your Smartphone or PC and connect to the 'wrapit-hub' network
3	Once you are connected, open a browser and in the address bar enter the following IP address: 10.0.0.1. You will be presented with a WiFi Setup page (Fig 1.2)
4	In the Setup Page you should enter the WiFi SSID and password of your home router. Then press Submit. Your hub will now reboot and connect to your nominated home WiFi access point
5	That's it - your Wrapit Hub should now be connected to your network. Proceed as follows to verify and secure your Wrapit Hub.
6	On your computer or smartphone open a web browser and in the address bar enter: wrapit-hub.local:1880/ui [Note: some environments do not fully support .local in the URL. In such cases, use wrapit-hub:1880/ui]
7	Access to your secure hub is securely protected. You will be prompted to enter a user name and password. The default user name is 'pi' and the factory password is 'wrapitpass'.
8	You will be presented with a dashboard. Select 'System Control & Status' from the hamburger menu in the top left hand corner of the screen (Fig 1.3)
9	Open the 'Wrapit Hub Information' section and click on the 'CLICK TO SHOW IP [MAC] ADDRESSES' button.

	The Wrapit-Hub's IP and MAC addresses will be listed, confirming that you are connected to your local network.
10	<i>If you made a mistake in entering your WiFi SSID or password, you can press the reconfig pushbutton to get your hub to re-enter Access Point mode, after which you can redo the Setup process. To do this you must depress the pushbutton for more than 5s but less than 10s</i>
11	You should now go to the 'Admin Security' section on the System Control & Status page to change your administrative password. You will be required to enter the current password 'wrapitpass' and your new password. You <u>cannot</u> change the user name 'pi' The Wrapit-Hub will now reboot and your new password will be in effect for future access.



Figure 1.3 System Control & Status page

1.2 Recovery Process

Step	Description
1	If you forget your Wrapit-Hub Admin password, you can reset the password to the factory password by pressing the reconfig pushbutton for longer than 10 s
2	If you made a mistake in entering your WiFi SSID or password or you wish to relocate your Wrapit-Hub to another router, you can press the reconfig pushbutton to get the Hub to re-enter Access Point mode, after which you can redo the Setup process. To do this you must depress the pushbutton for more than 5s but less than 10s