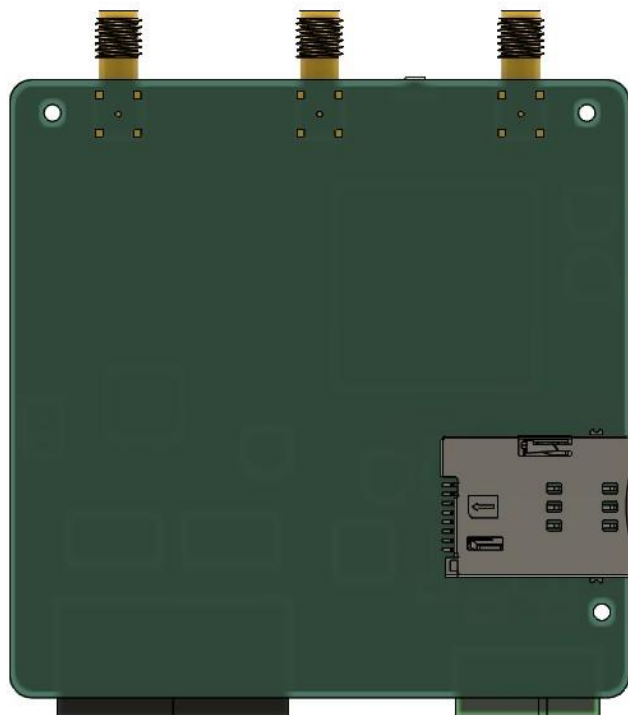


4G Robustel Router

How to change the APN



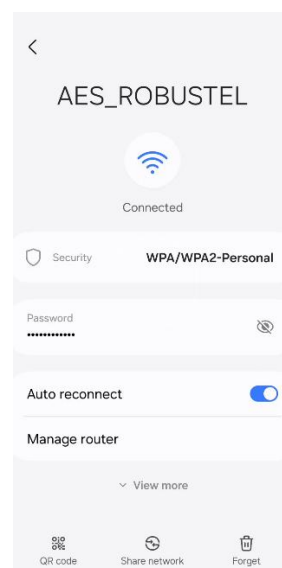
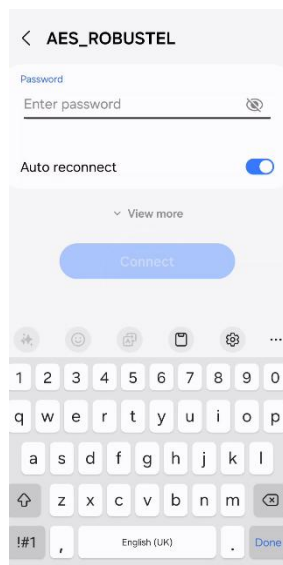
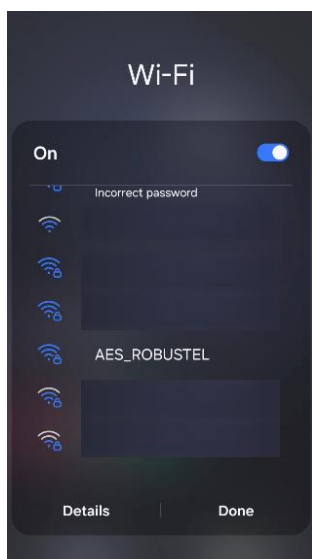
This item comes pre-loaded with the correct APN to match the AES contract SIM included. To use and activate the SIM follow the steps on the SIM information pack.

If you choose to use a different SIM network then additional setup is required to allow it to work with your chosen SIM provider.

Note The Router must be OFF before Adding or Removing A Sim Card*

Step 1A: WIFI

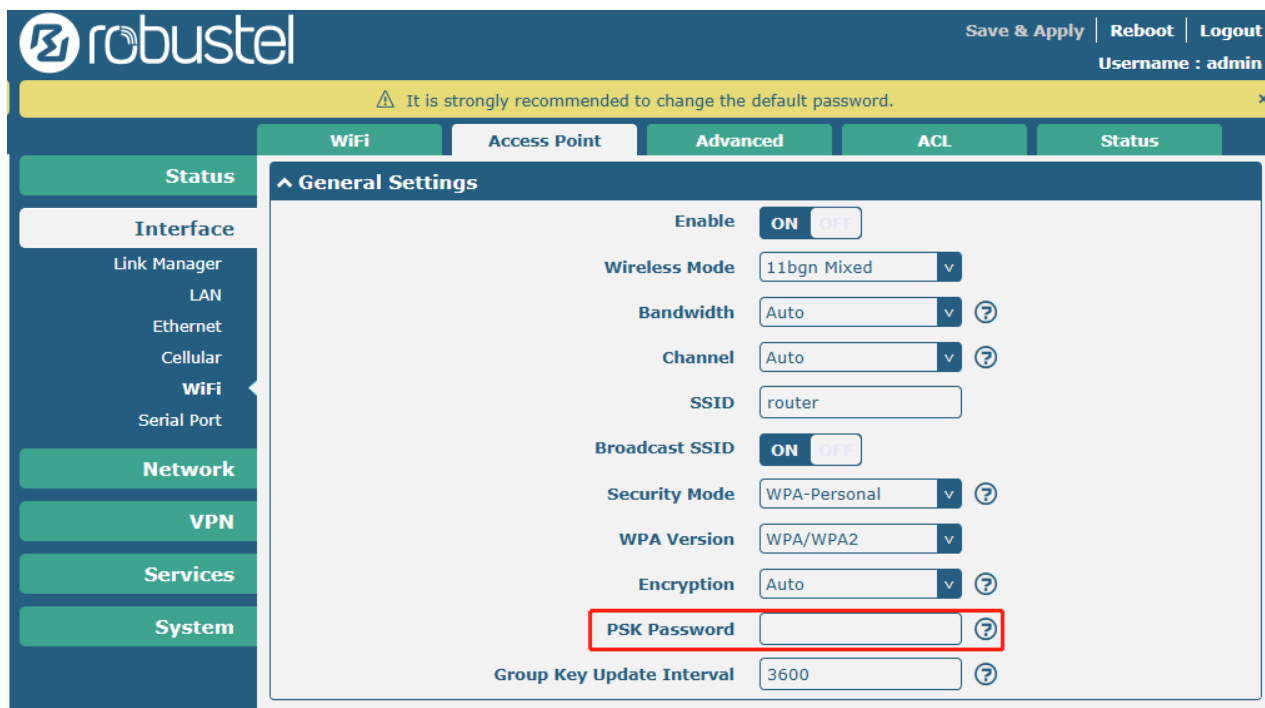
Search WIFI networks on your device -



Once you have found the AES_ROBUSTEL network click connect, the default password is AES123456789, once connected some devices will have manage router which will bring you to the router settings login. If this option is not available to you open a web browser on your device and enter IP address 192.168.0.1. – *continue to step 3*

***IMPORTANT* - RECCOMENDED TO CHANGE ROUTERS WIFI PASSWORD TO PREVENT UNAUTHORISED ACCESS OR USAGE.**

Wifi password change -



The screenshot shows the Robustel web interface for a 4G Router. The top navigation bar includes 'Save & Apply', 'Reboot', and 'Logout' buttons, along with the 'Username : admin' status. A yellow warning banner at the top states: 'It is strongly recommended to change the default password.' The left sidebar contains a menu with 'Status', 'Interface', 'Network', 'VPN', 'Services', and 'System'. The 'Interface' section is expanded, showing 'Link Manager', 'LAN', 'Ethernet', 'Cellular', 'WiFi', and 'Serial Port'. The 'WiFi' tab is selected, and the 'General Settings' sub-tab is active. The settings include: 'Enable' (ON/OFF toggle), 'Wireless Mode' (11bgn Mixed), 'Bandwidth' (Auto), 'Channel' (Auto), 'SSID' (router), 'Broadcast SSID' (ON/OFF toggle), 'Security Mode' (WPA-Personal), 'WPA Version' (WPA/WPA2), 'Encryption' (Auto), 'PSK Password' (highlighted with a red box), and 'Group Key Update Interval' (3600). Each dropdown menu has a question mark icon for help.

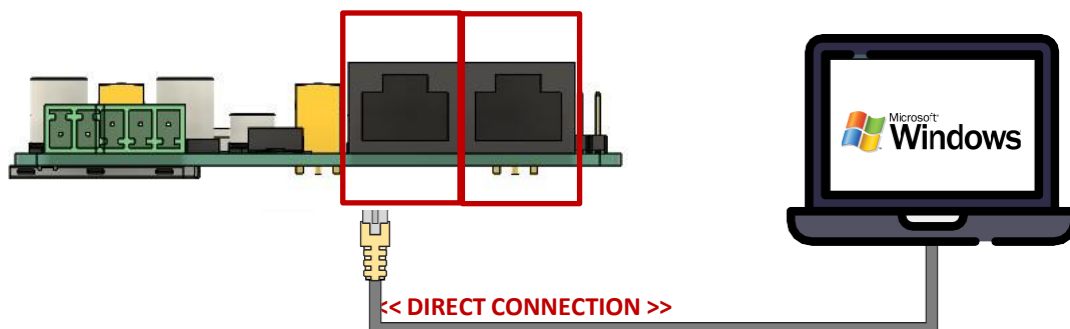
Click on interface – then access point – find the field names PSK Password

Once you have updated your password press save and apply.

Step 1B:

Connect to the router:

- **PC/Laptop** = Connect direct using LAN cable (Computer LAN port to LAN 2 on router PCB)



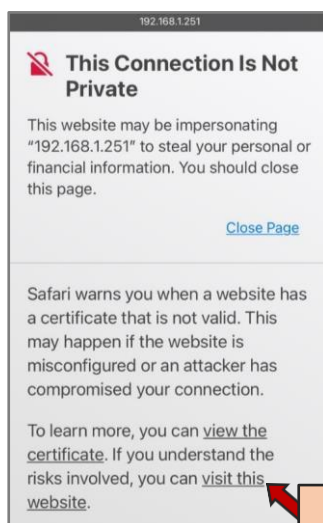
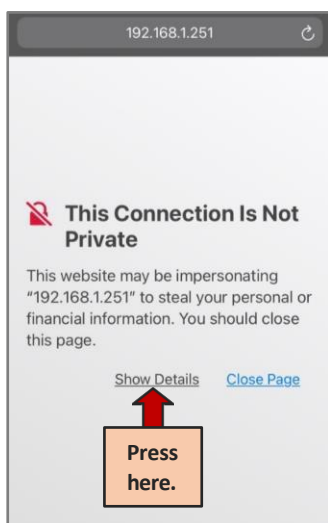
- **Mobile** = Connect the Robustal 4G Router to an available LAN port on another router that has Wi-Fi.

Step 2:

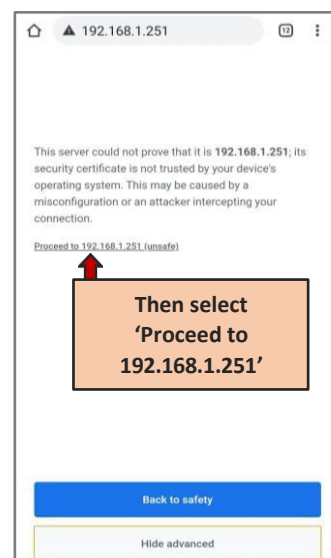
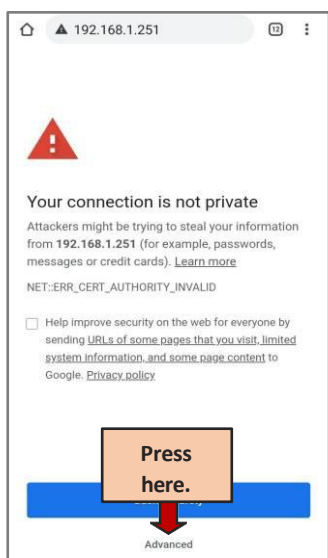
Open web browser and type IP address of the router into the search bar. '**192.168.0.1**'.

NOTE: If it is the first time connecting to the control panel you might be met by a security certificate check screen on your device. Please see below example for Apple and Android devices on how to proceed past this screen and gain access to the control panel

Private Connection Security Screen for Apple, Android & Browsers



Then select
'visit this website.'



Then select
'Proceed to
192.168.1.251'

Step 3:

Login. Default username '**admin**' and password '**Aesglobal!23**'



ENSURE WIFI IS SWITCHED OFF ON LAPTOP

Step 4:

After Logging in the Home screen of the Robustel will be displayed

robustel Save & Apply | Reboot | Logout

It is strongly recommended to change the default password.

Status

System Information

Device Model	R1510S
System Uptime	0 days, 00:03:51
System Time	Wed Dec 18 15:05:06 2019
RAM Usage	79M Free/128M Total
Firmware Version	3.1.1 (Rev 2923)
Hardware Version	1.0.1
Kernel Version	4.9.152
Serial Number	19012180040501

Internet Status

Active Link	WWAN1
Uptime	0 days, 00:03:12

Copyright © 2019 Robustel Technologies. All rights reserved.

Select Interface - > then link Manager.

robustel Save & Apply | Reboot | Logout

It is strongly recommended to change the default password.

Link Manager Status

General Settings

Primary Link	WWAN1	?
Backup Link	None	
Emergency Reboot	☐ ON ☒ OFF	?

Link Settings

Index	Type	Description	Connection Type	
1	WWAN1		DHCP	
2	WLAN		DHCP	

Within the link settings option click the pen tool for WWAN1

^ Link Settings			
Index	Type	Description	Connection Type
1	WWAN1		DHCP
2	WLAN		DHCP

Further settings for Link manager will open – ensure automatic APN is OFF (1) find the option for APN (2) – delete the information stored and add the correct APN for the network you are using, for example if EE – you will enter EVERYWHERE then click Submit (3)

Link Manager

^ General Settings

Index

1

Type

WWAN1

Description

^ WWAN Settings

Automatic APN Selection

ON

OFF

APN

mobiledata

Username

admin

Password

.....

Dialup Number

*99***1#

Authentication Type

Auto

PPP Preferred

ON

OFF

Data Allowance

0

Billing Day

1

Submit

Close

Step 5:

Once this has been Set click Submit (1) then save & apply (2) then reboot (3) , once the system has reboot you will need to power down the 4G modem for 30 seconds to one min, then power one and log back in.

robustel

It is strongly recommended to change the default password.

Link Manager Status

Status

Interface

Link Manager

LAN

Ethernet

Cellular

WiFi

Serial Port

Network

VPN

Services

System

General Settings

Primary Link WWAN1

Backup Link None

Emergency Reboot OFF

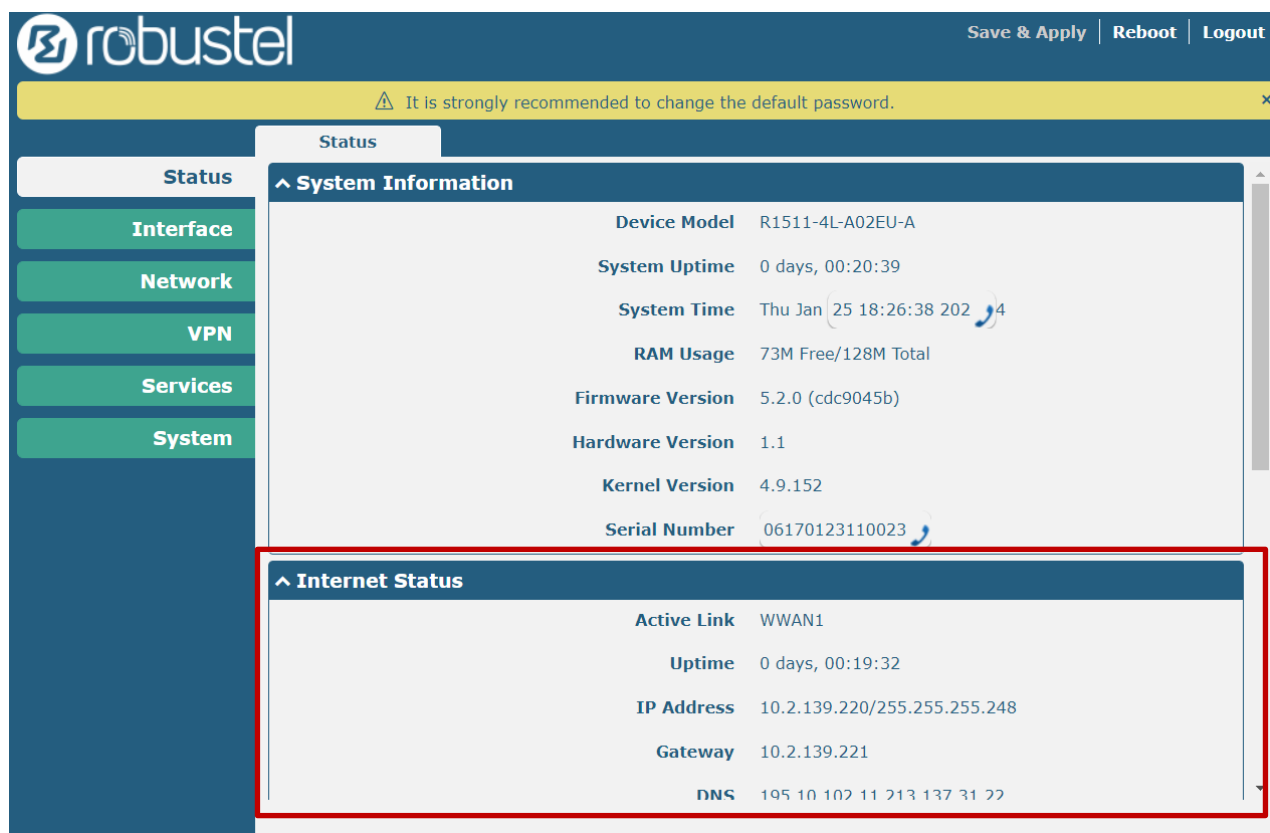
Link Settings

Index	Type	Description	Connection Type
1	WWAN1		DHCP
2	WLAN		DHCP

Submit (1) Save & Apply (2) Reboot (3) Logout

Once you have logged back in and see information within the internet status you will have a network connection.

Note It can take up to 5 minutes to establish Optimal connection



The screenshot shows the Robustel router web interface. The top navigation bar includes 'Save & Apply', 'Reboot', and 'Logout'. A yellow warning banner states: 'It is strongly recommended to change the default password.' The left sidebar contains a menu with 'Status' (selected), 'Interface', 'Network', 'VPN', 'Services', and 'System'. The main content area is divided into two sections: 'System Information' and 'Internet Status'. The 'Internet Status' section is highlighted with a red border.

System Information	
Device Model	R1511-4L-A02EU-A
System Uptime	0 days, 00:20:39
System Time	Thu Jan 25 18:26:38 2024
RAM Usage	73M Free/128M Total
Firmware Version	5.2.0 (cdc9045b)
Hardware Version	1.1
Kernel Version	4.9.152
Serial Number	06170123110023

Internet Status	
Active Link	WWAN1
Uptime	0 days, 00:19:32
IP Address	10.2.139.220/255.255.255.248
Gateway	10.2.139.221
DNS	195 10 102 11 213 137 31 22

You can now proceed to connect the router to the intercom PCB to make sure it comes online and test to ensure it functions as expected.

GUIDE COMPLETE!