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## **Quick Installation Guide**

**300M Wireless LTE/4G Router**

**4G-54RV**

**Items list**

Please check for the following items in the packing box:

- ✧ 300 Mbps wireless router × 1
- ✧ Power adapter × 1
- ✧ Quick Installation Guide × 1

**Interfaces**

Interface	Function
<b>DC IN</b>	DC input, connecting to a 9V/1A or 12V/1A power adapter
<b>RESET</b>	Reset key. Pressing this key for 5 seconds will restore the router to factory settings.
<b>WAN</b>	RJ45 port for connecting to an internet access device such as ADSL modem, upper level router or switch. A static IP address, dynamic IP address, or PPPoE can be used for internet access.
<b>LAN</b>	LAN port, connecting to a terminal device with an RJ45 port such as a computer
<b>USB</b>	USB port, connecting to a 3G usb dongle or USB mass storage

**LED indicators**

Indicator	Meaning	State	Description
	Power	Always on	System started up and in working state
		Off	Not working
<b>3G / 4G</b>	3G or 4G data indication	Always on	Built-in 3G/4G modem is powered on normally.
		Flashing	Built-in 3G/4G modem is receiving or sending data.
		Off	Built-in 3G modem is not started.
	WiFi	Always on	Wireless function is enabled.
		Flashing	Data is being received or sent via WLAN.
		Off	Wireless function is not enabled
	RJ-45	Always on	An Ethernet cable is connected to the LAN port properly.

		Flashing	Data is being received or sent through the RJ-45 port.
	WAN	Always on	WAN port is connected to ethernet equipment properly.
		Flashing	WAN port is receiving or sending data.
	Zigbee	Option not fitted	
	System indication	Start 3G/4G	① Quick flashing (0.5 sec/time): 3G/4G modem starts dialing up. ② Always on: 3G/4G dial-up success ③ Off: 3G/4G dial-up network is not established
		Insert TF card / USB drive	① Always on: A storage device is successfully loaded. ② Off: A storage device is not loaded.

## **Product installation**

### **Inserting the Sim:**

Remove the 2 screws on the underside of the router to reveal the sim slot. Slide the silver sim cover towards the back of the router, it will then lift on a hinge, place the sim in the holder, put down the cover and slide forward, it should click into position. Replace the cover and power up the router.

### **Hardware connection**

Please use ancillary power adapter to supply power for router, start router, and then connect your computer to the RJ45 port on the router by using a RJ45 network cable. If you're using wifi it should appear as SmartWIFI-xxxx, the default password is: 12345678. You can change this to something more secure later in the WiFi, Security settings. We recommend you to connect with wire method. The following setting steps are all based on wire connection.

### **Set up your computer network in a correct way**

The router default LAN port's IP address as 192.168.169.1 and default subnet mask as 255.255.255.0. My default, when you connect to the router then your computer should be allocated a suitable network address to enable you to go directly to the web configuration page.

### Log on router configuration page

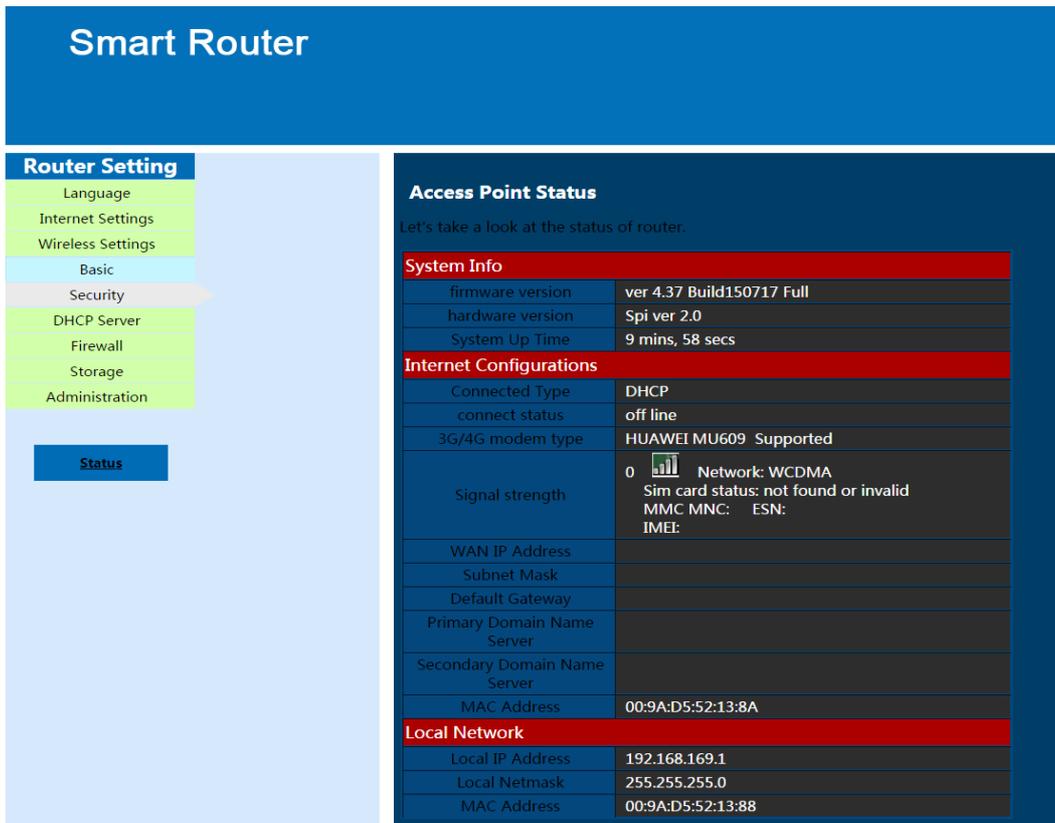
Once connected open up a web browser and enter the IP address **192.168.169.1**



You will be asked for a username and password, enter Username: **admin** Password: **admin**



You should then see a screen like this:



**Smart Router**

**Router Setting**

- Language
- Internet Settings
- Wireless Settings
- Basic
- Security
- DHCP Server
- Firewall
- Storage
- Administration

**Status**

**Access Point Status**

Let's take a look at the status of router.

**System Info**

firmware version	ver 4.37 Build150717 Full
hardware version	Spi ver 2.0
System Up Time	9 mins, 58 secs

**Internet Configurations**

Connected Type	DHCP
connect status	off line
3G/4G modem type	HUAWAI MU609 Supported
Signal strength	0  Network: WCDMA Sim card status: not found or invalid MMC MNC: ESN: IMEI:
WAN IP Address	
Subnet Mask	
Default Gateway	
Primary Domain Name Server	
Secondary Domain Name Server	
MAC Address	00:9A:D5:52:13:8A

**Local Network**

Local IP Address	192.168.169.1
Local Netmask	255.255.255.0
MAC Address	00:9A:D5:52:13:88

If you're in the UK and using EE your router should already be connected (the Internet Configuration above will show the details) and can start using the internet immediately. This is because the default settings are for EE.

### Changing the defaults to your provider

If you're using a supplier other than EE then you need to click on "Internet Settings" in the menu on the left and then click on "3G/4G" on the screen that appears click in the "user Defined button, you should have a screen like this:

### 3G/4G Network Interface Settings

You may configure 3G/4G connection parameters according to your local 3G/4G network.

#### 3G/4G Mode

Connect Status	Off Line <input type="button" value="Connect"/>
	Keep Alive <input type="button" value="v"/>
Dial Setting	Boot-up Dial mode <input type="text" value="5"/> minutes in Idle status, shut down the connection
	Dial Parameter <input checked="" type="radio"/> Default <input type="radio"/> User Defined
User	<input type="text"/>
Password	<input type="text"/>
Dial Number	<input type="text" value="*99#"/>
APN	<input type="text" value="3internet"/>
Authentication	NO AUTH <input type="button" value="v"/>
PIN	<input type="text"/>
Keep alive	<input type="button" value="Show/Hide Detail &gt;&gt;"/>

Here you need to enter the APN details for your particular network. The above show a set up for using the 3 network in the UK. A list of some common APN details can be found here:-

<http://www.solwise.co.uk/downloads/files/connecting-3g-supplier.pdf> . Note that the dial number in the UK is always \*99# but may vary in other countries. If in doubt your network provider will supply you with the necessary details. “Authentication” and “PIN” can usually be left as they are, unless you’ve set a PIN number on your sim.

With the details entered click on apply, when the router has saved the configuration you may have to reboot the router it to make it connect. You can check the connection by clicking on the “Status” on the menu.