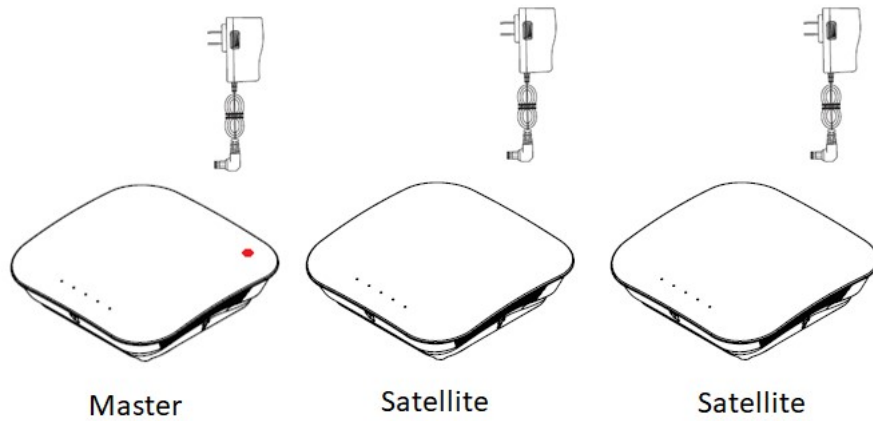


# Smart Mesh Router

## Quick Installation Guide

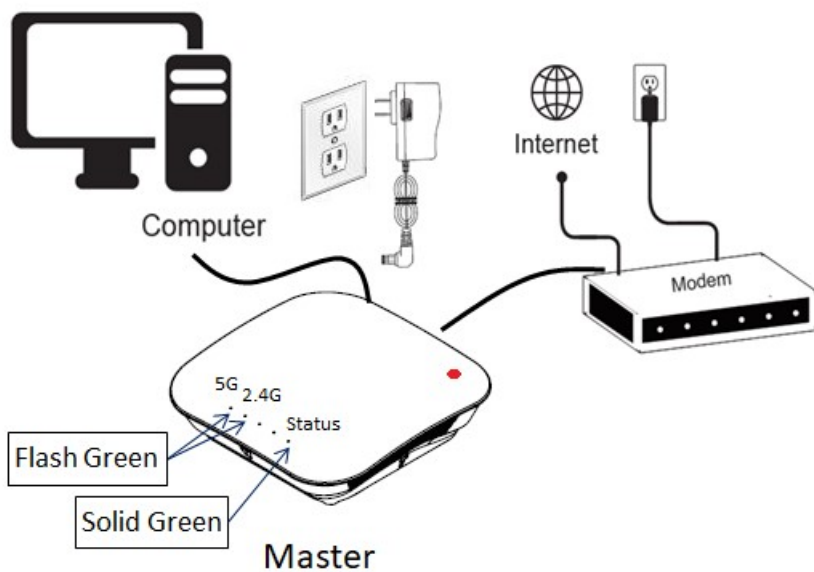
**Amigo**  
Friendly Connections to the world

**STEP 0.** Check the whole set: One Master and Satellites.

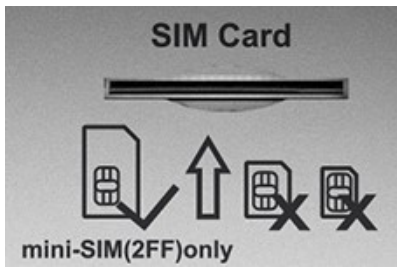


**STEP 1.** Power on Mater

**A.** Connects WAN port to Modem and LAN port to computer, respectively.



**B. Insert the mini-SIM card into the card slot in the direction shown below until you hear a click.**

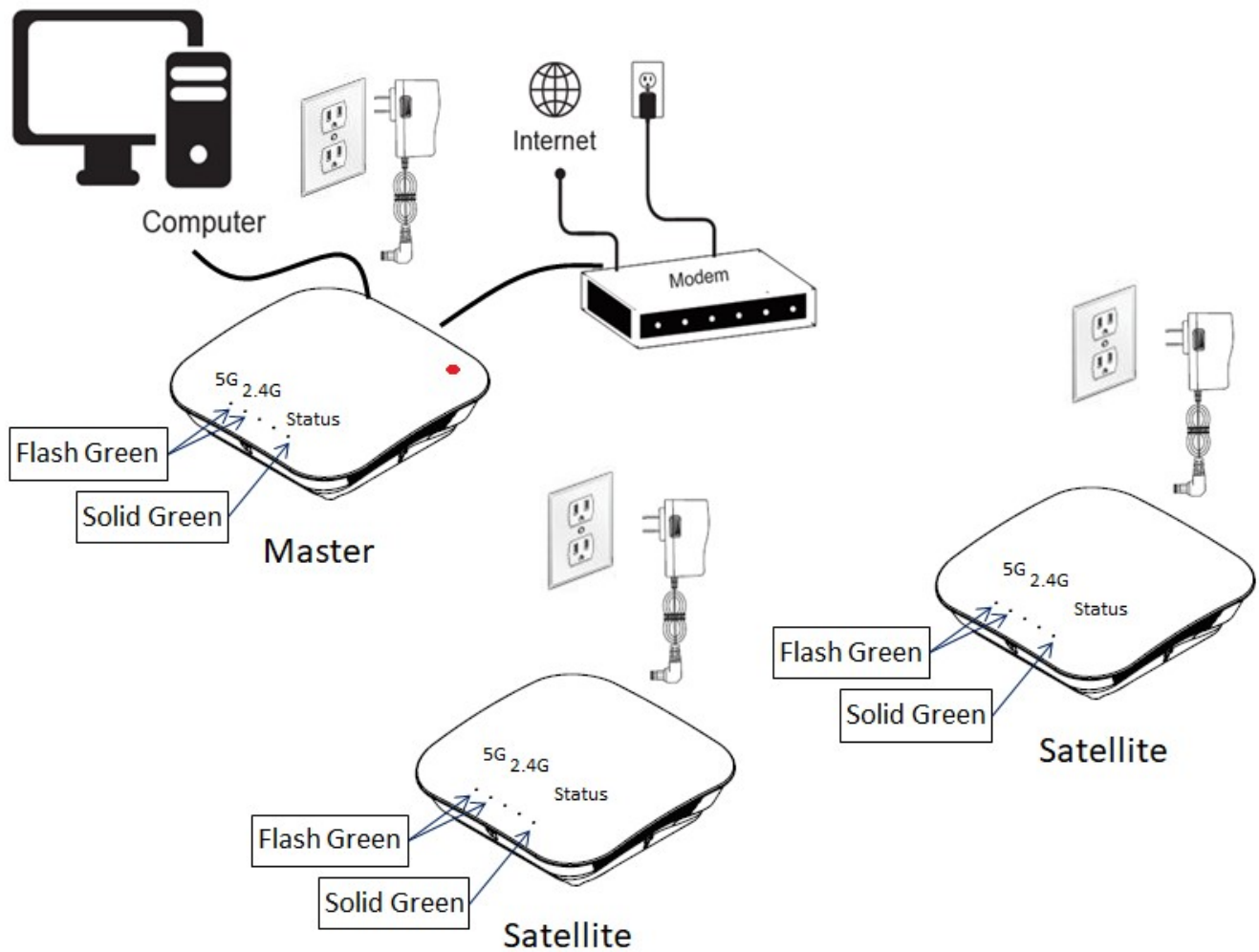


**3. Install external antenna**

**You must install an external antenna to receive 4G LTE signals. Make sure that the external antenna is firmly connected to the SMA antenna ports on both sides of the router.**



**STEP 2.** Powering on two satellites nearby Master synchronizes Master and Satellites. Synchronization is done as flash green for 5G LED, 2.4G LED, and solid green for Status LED in whole set.



LED Indicator	Status	Description	Remark
Power/Status	ON Green	System boot up ready and working normally	
	Flashing Green (Interval : 1 sec)	1.System boot up progressing 2.Reset to default progressing (after push reset button 5s)	
	Flashing Green (Interval : 0.5 sec)	Mesh system pairing progressing (after push WPS button 1 sec)	
	Flashing Green 30 sec (Interval : 0.1 sec)	To identify which physical unit in mesh system (Trigger LED)	
	OFF	System shut down/ power OFF	
Internet (Dual-color)	ON Amber	LTE network connection	If mixed-color needed, Amigo will not guarantee the performance.
	ON Green	Ethernet network connection	
	OFF	No network connection	
Wi-Fi/WPS	ON Green	Wireless radio is enabled	
	Flashing Green	Traffic is passing through Wireless LAN	
	Flashing Green (Interval : 1 sec)	WPS function is enable (after push WPS button 5 sec)	
	OFF	Wireless radio is disabled	
WAN/LAN	ON Green	WAN/LAN Ethernet cable is connected	
	Flashing Green	Traffic is passing through WAN/LAN port	
	OFF	WAN/LAN Ethernet cable is not connected	
4G Signal Strength	ON Green	Good Signal	
	Flashing Green (Interval : 1 sec)	Poor Signal	
	OFF	NO Signal	

**STEP 3.****Setup Master as whole Mesh synchronized**

- (1) In computer, open web browser, go to 192.168.1.254.  
Apply admin for both Username and Password. Click Sing in.



← → × ⓘ 192.168.1.254

Sign in

http://192.168.1.254

Your connection to this site is not private

Username

Password

(2) In QUICK SETUP Web

(3.1) INTERNET CONNECTION TYPE:

Fill in Username and Password of PPPoE provided by your ADSL agent.

(3.2) WIRELESS SETUP:

Give SSID, enable security, and give passwords.

(3.3) Click Save

Amigo in-Door AP

Not secure | 192.168.1.254

Apps Amigo Diabetes 3C finance program paper car Links Other bookmarks

Amigo Select Language Advance

### QUICK SETUP

**INTERNET CONNECTION TYPE**

Dynamic IP Static IP **PPPoE**

Username: [REDACTED]

Password: [REDACTED]

**MESH SETUP**

MESH Mode: Master

Location Name: GRN62C LED Trigger

MESH Status List:

ID	Signal	Mode	Connection Type	Location Name	MAC address	IP	Trigger LED	Reboot Device	Modify
1	Satellite	Wireless	Wireless	APH60c	00:E0:4C:12:23:1F	192.168.1.108	Trigger	Reboot	
2	Satellite	Wireless	Wireless	APH60c	00:D0:41:E0:6A:D3	192.168.1.107	Trigger	Reboot	

Refresh

**WIRELESS SETUP**

2.4G SSID: [REDACTED]

Security: Disable **Enable**

Password: [REDACTED]  
(Please enter 8-63 characters.)

5G SSID: [REDACTED]

Security: Disable **Enable**

Password: [REDACTED]  
(Please enter 8-63 characters.)

Save

(3.1)

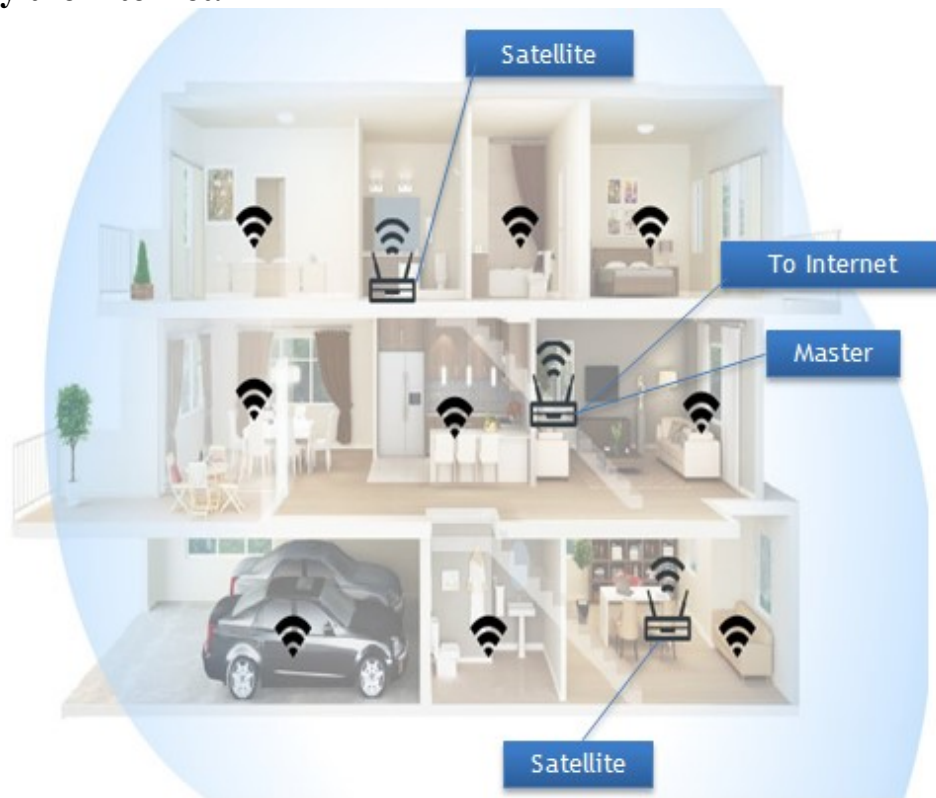
(3.2)

(3.3)

#### STEP 4.

#### Satellites Placement and Configuration

Move each Satellite to suitable location then power on for synchronization then enjoy the internet.

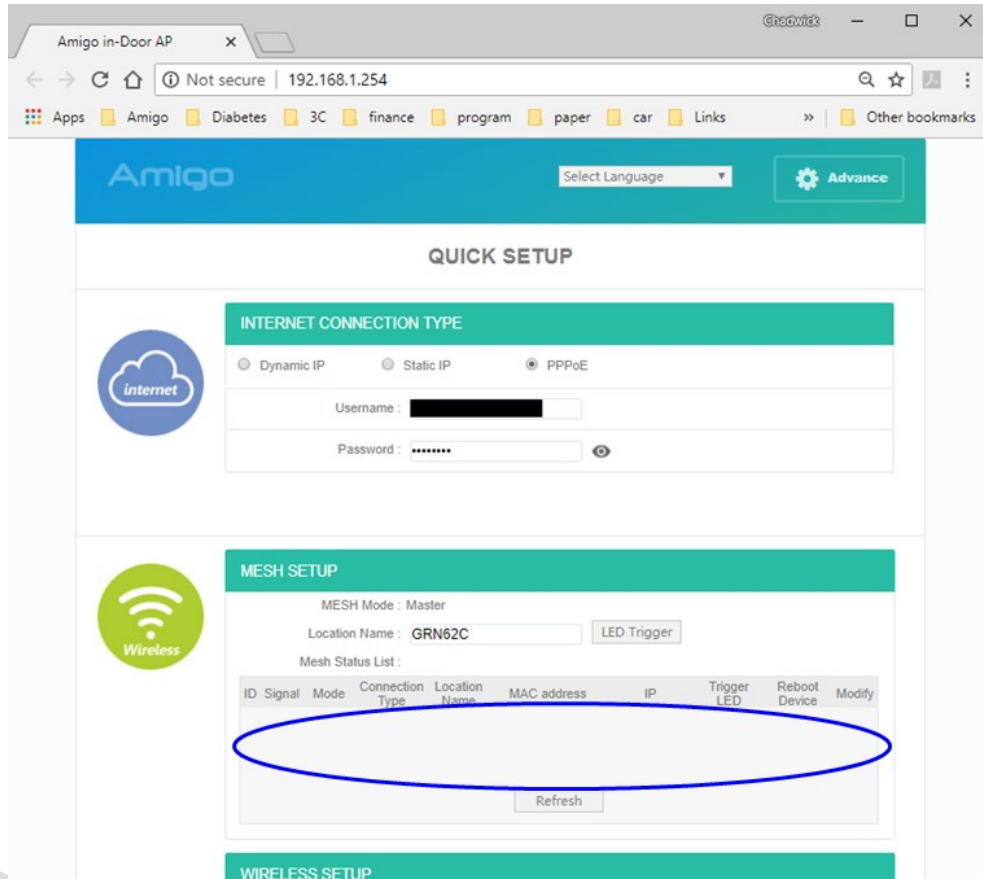


## Easy Troubleshooting

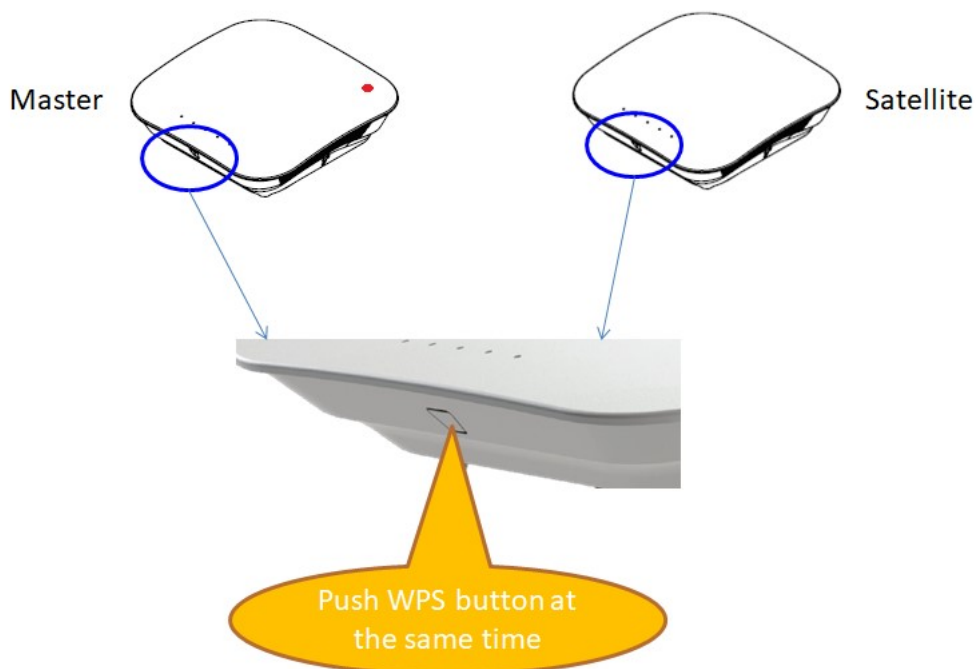
### # Synchronization Fail:

When these two conditions occur, synchronization is fail.

1. 5G, 2.4G LEDs are flash green, but status LED can't show solid green.
2. In 192.168.1.254 web GUI, MESH SETUP, shows no or less than two satellites in Mesh Status List.



**Solution:** To push WPS buttons of fail Satellite and Master at the same time. Then they will be forced synchronization.





## **Federal Communication Commission Interference Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

### **Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 21 cm between the radiator & your body.