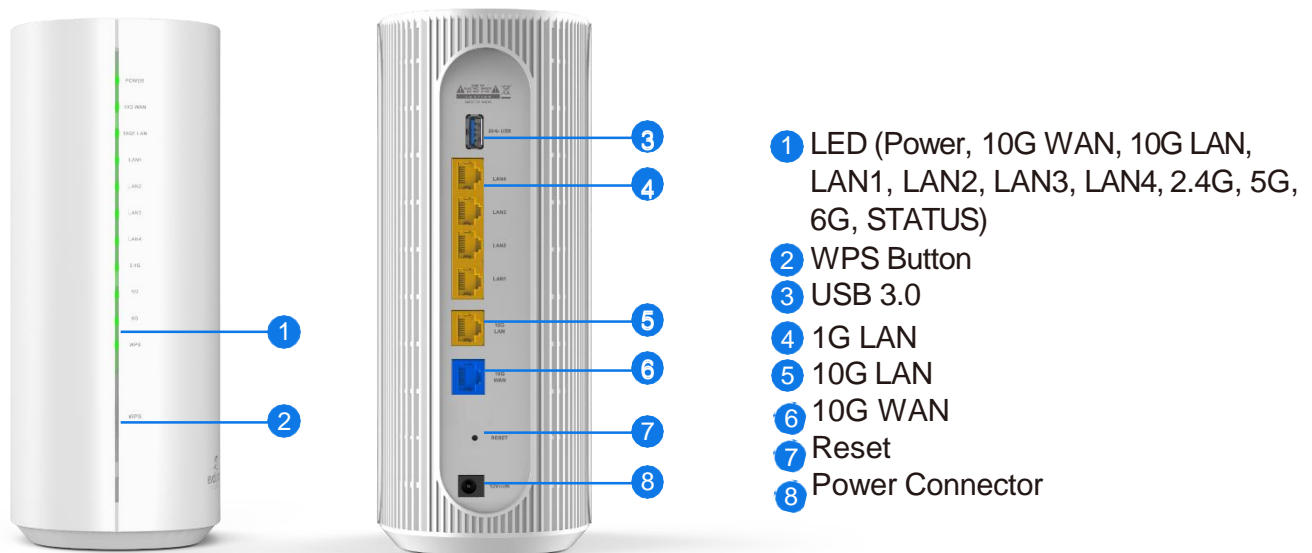# AR2340G
Quick Installation Guide

1. AR2340G overview

1. LED (Power, 10G WAN, 10G LAN, LAN1, LAN2, LAN3, LAN4, 2.4G, 5G, 6G, STATUS)
2. WPS Button
3. USB 3.0
4. 1G LAN
5. 10G LAN
6. 10G WAN
7. Reset
8. Power Connector

LED Scenario

The light on the front side of your AR2340G gives you information about the AR2340G's operation.

No	Index	LED Color	LED Display	Status	Description
1	POWER	None		Off	The modem is powered off.
		Green		On	The modem is powered on.
2	10G WAN	None		Off	The WAN port is not connected.
		Green		Blink	The WAN port is sending or receiving data.
3	10G LAN	None		Off	The LAN port is not connected.
		Green		Blink	The LAN port is sending or receiving data.
4-7	ETH 1~4	None		Off	The LAN port is not connected.
		Green		On	The LAN port is connected.
8	2.4G	None		Off	2.4G WiFi Interface is disabled.
		Green		On	2.4G WiFi Interface is enabled.
		Green		Blink	It is sending or receiving data.
9	5G	None		Off	5G WiFi Interface is disabled.
		Green		On	5G WiFi Interface is enabled.
		Green		Blink	It is sending or receiving data.
10	6G	None		Off	6G WiFi Interface is disabled.
		Green		On	6G WiFi Interface is enabled.
		Green		Blink	It is sending or receiving data.

No	Index			LED Color	LED Display	Status	Description
11	STATUS	Internet		None		Off	The modem is connected to the cloud.
				Red		Blink	The modem is connecting to the cloud.
		Cloud		Red		Blink	LED locating.
				Red		Blink	Optimization is in progress.
		WPS		None		Off	Connection completed, or has failed.
				Green		Blink	Start WPS processing.
		BLE		None		Off	Stop Advertising / Paired OK.
				Green		Blink	Advertising / Paired Fail.
		HW		None		Off	Normal operation.
				Green		On	HW error.

FCC Statement
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (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 or more 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.
Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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. Privacy of communications may not be ensured when using this device.

RF Radiation Exposure Statement Caution: This Transmitter must be installed to provide a separation distance of at least 30 cm from all persons.

Low-power indoor access points (6ID) operating in the 5.925-7.125 GHz band:
FCC regulations restrict the operation of this device to indoor use only.
The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.
Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.
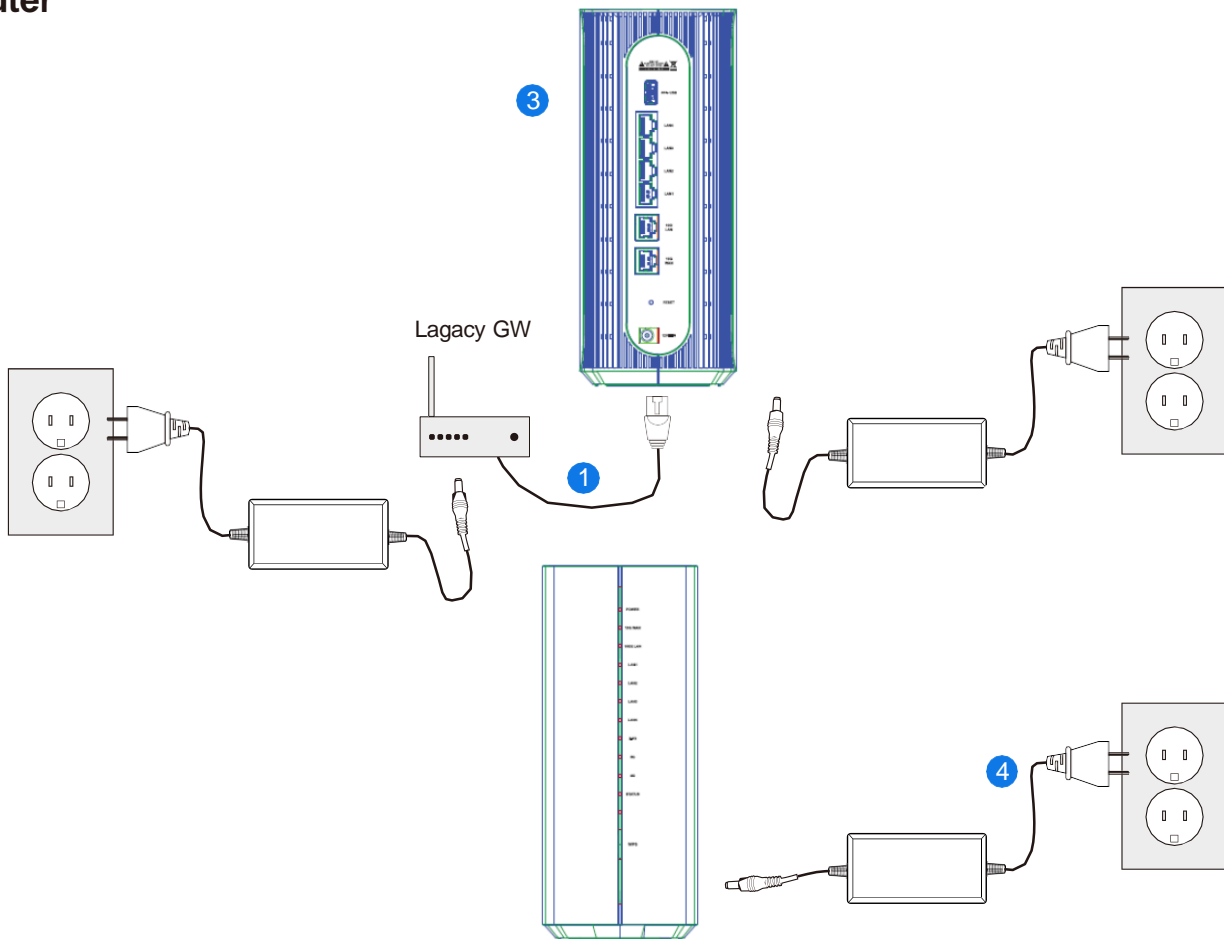
2. Quick Mesh Setup : Option #1

To set up AR2340G Master and Slaves:

Step 1. Connect your legacy GW to the 10G WAN port on your AR2340G using the included Ethernet cable.

Step 2. Connect your AR2340G(Master) to a power source.

Step 3. Wait for the AR2340G master's Power LED to light solid green and the 2.4G, 5G and 6G LED lights solid green.

Step 4. Place the AR2340G slave about 3 meters from the AR2340G master. Connect the AR2340G slave to a power source.

Step 5. Wait for the AR2340G slave's power LED to light solid green and the 2.4G, 5G and 6G LED lights solid green.

Step 6. Wait for the AR2340G STATUS LED to light solid red to all connected the AR2340G slaves.

Step 7. Wait for about 3-4 minutes until mesh pairing is complete and the AR2340G slave's STATUS LED lights off.

Step 8. Place your mesh extender(s) in the desired location(s) in the household and ensure that the Signal LED stays solid green.

Note: You'll get the best signal when it is in an open space like on a shelf or a table.

AR2340G Wi-Fi Router

KAON BROADBAND

Technical Specifications

Network

- DHCP v4/v6 Server/Client
- DNS Proxy
- IPv4/IPv6 Support
- IGMP(v3), IGMP Snooping, MLD
- VLAN IEEE 802.1q
- QoS : IEEE 802.1p,IPv4/IPv6,MAC,Part and DiffServ,
- WMM,WRED, WRR, Leaky Bucket Shaper Schedule

WLAN

- Wi-Fi Access Point
  - 2.4GHz 11be : 4x4 (40MHz)
  - 5GHz 11be   : 4x4 (160MHz)
  - 6GHz 11be   : 4x4 (320MHz)
- 20/40/80/160/320 MHz Channels
- Multi SSIDs
- Band Steering

802.11ax

- UL and DL OFDMA AP & STA Support
- 11ax and 11be MU-MIMO
- 4x Symbol Size
- Target Wake Times(TWT)
- 11be Range Extension mode
- 4K QAM

Smart Wi-Fi

- Mesh
- Smart Roaming (AP Steering)
- 802.11 k/v/r
- Band-steering

Accessory

- 12V / 3.33A Power Adaptor
- Ethernet Cable
- User Manual

Management/ Diagnostics/ Configuration

- TR-069, TR-181v2
- TFTP, FTP
- WEB/UI(HTTP/HTML), Remote Diagnostics

Firewall

- Stateful Packet Inspection Firewall
- MAC Address Filtering
- Hacker Intrusion Prevention
- VPN Support
- DMZ Support

Compliance/Certificates

- FCC*, CE*
- Wi-Fi Alliance EasyMesh**

(*Pending / ** Optional)

Physical Interface

- Front Panel
  - LEDs
  - WPS Button
- Rear Panel
  - USB 3.0
  - 1 x 10GbE WAN Port
  - 1 x 10GbE LAN Port
  - 4 x GbE LAN Ports
  - Factory Reset Button
  - Power Input

Highlight Features

- Graphical Connection View
- Content Sharing and Media Center

Mechanical & Environmental Specification

- Operating Temperature : 0°C (32°F) ~ 40°C (104°F)
- Humidity : 10 ~ 90% (Non-condensing)
- Dimensions(W x D x H) : 95 x 150 x 230 mm

* Note. The specification subject to change.