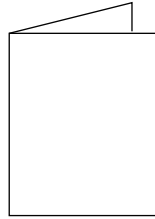


Size: 105 x148mm

Black 1c printing



AR1344P Wi-Fi Extender



Technical Specifications

• **Wireless Characteristics**

- 4x4 5GHz 802.11ax
- 2x2 2.4GHz 802.11ax
- 4 Spatial Streams
- Wave 2 (MU-MIMO)
- Beamforming
- High-power transmit for maximum coverage

• **5GHz Wireless Operating Channels**

- 5.15-5.35 GHz, 5.470-5.725 GHz-5.850 GHz
- 20, 40, 80 and 160 MHz bandwidths supported

• **Wireless Security**

- WPA2 / WPA
- Push-button : Wireless setup (Mesh / WPS) and Reset support

• **Memory**

- 256MB Flash and 512MB SDRAM

• **Antenna**

- Four (4) high performance internal antennas

• **Ports**

- Two (2) RJ45 Gigabit Ethernet (10/100/1000Mbps) WAN/LAN ports

• **LEDs**

- Five (5) LEDs : Power, WAN, LAN, 2.4G, 5G, WPS

• **Management**

- TR-069 management client
- Local web access
- Mobile application support (optional)

• **Operating Environment**

- Operating temperature 0° to + 40°C
- Relative humidity 8% to 95%;
- Non-condensing

• **Regulatory Certification**

- Wi-Fi Alliance®
- CE
- RoHS
- WEEE

Physical Specifications

- Dimensions : 130 x 130 x 54 mm (W x H x D)

Accessories

- One (1) 12V/1.5A power adapter
- One (1) Ethernet cable
- Quick start guide

-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 Part 15.21 statement
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF Exposure Statement (MPE)
The antenna(s) must be installed such that a minimum separation distance of at least 20 cm is maintained between the radiator (antenna) and all persons at all times. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

<FCC User manual Statements>
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.

FCC Part 15.105 statement
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 or more of the following measures:

KAON BROADBAND Co., Ltd. KAONMEDIA Building, 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, 13517, South Korea

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www.kaonbroadband.pl * sales_team@kaonbroadband.pl * support@kaonbroadband.pl



AR1344P Quick Installation Guide

1. AR1344P overview



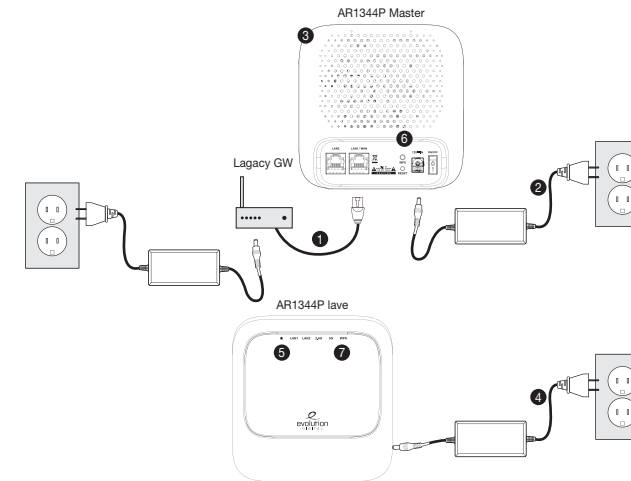
- ① LED (Power, WAN, LAN, 2.4G, 5G, WPS)
- ② LAN2
- ③ LAN1/WAN
- ④ WPS Button
- ⑤ Factory Reset Button (press 5-6 seconds)
- ⑥ Power Connector
- ⑦ Power On/Off Switch

LED Scenario

The light on the front side of your AR1344P gives you information about the AR1344P's operation.

LED	COLOR	Blinking	Solid	Off
PWR	Green		AP router is ready	Power is not supplied to the router
WAN	Green	The LAN1/WAN port is sending or receiving data	A power - on device is connected to the LAN1/WAN port	No device is connected to this LAN1/WAN port
LAN	Green	The LAN2 port is sending or receiving data	A power -on device is connected to the LAN2 port	No device is connected to this LAN2 port
2G	Green	The route is sending or receiving Wi-Fi traffic	The 2.4GHz radio is operating	The 2.4GHz radio is off
5G	Green	The route is sending or receiving Wi-Fi traffic	The 5GHz radio is operating	The 5GHz radio is off
WPS	Blue	Smart connecting or mesh grouping	Master mode Mesh Network Service	Mesh X Network Service X
	Green	Smart connecting or mesh grouping	Slave mode Mesh Network Service	Mesh X Network Service X

AR1344P Wi-Fi Extender



2. Quick Mesh Setup : Option #1 → WPS

To set up AR1344P Master and Slaves:

- Step 1.** Connect your legacy GW to the LAN1/WAN port on your AR1344P using the included Ethernet cable.
- Step 2.** Connect your AR1344P(Master) to a power source.
Note: If the Power LED on the front of AR1344P does not light, press the **Power On/Off** switch.
- Step 3.** Wait for the AR1344P master's Power LED to light solid green and the 2.4G and 5G LED lights solid green.
- Step 4.** Place the AR1344P slave about 3 meters from the AR1344P master. Connect the AR1344P slave to a power source.
- Step 5.** Wait for the AR1344P slave's power LED to light solid green and the 2.4G and 5G LED lights solid green.
- Step 6.** Press the WPS button on AR1344P master for 3 seconds.(Do not press the WPS button on AR1344P Slaves)
- Step 7.** Wait for about 3-4 minutes until mesh pairing is complete and the AR1344P slave's WPS LED turns solid green.
- Step 8.** Place your mesh extender(s) in the desired location(s) in the household and ensure that the Signal LED stays solid green.

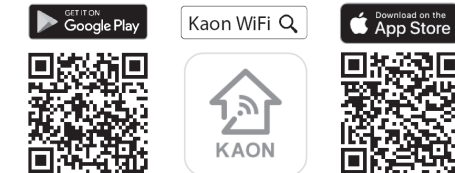
Note: You'll get the best signal when it is in an open space like on a shelf or a table.

AR1344P Wi-Fi Extender



3. Quick Mesh Setup: Option #2 → Mobile App

Step 1. Download the Kaon Wi-Fi App
Scan the unique QR code below, or go to Google Play or the Apple App Store to download the Kaon WiFi app. Install the app on a compatible iPhone or Android smartphone.



Follow the step-by-step instructions on the App to connect your home gateway to the AR1344P unit.

- Step 2.** Launch the Wi-Fi app. **Select Set up manually**
- Step 3.** **Go to Wi-Fi settings** to connect to your network (AR1344P Wi-Fi Network)
- Step 4.** Tap **Find my device**, enter your login information printed on a label on the bottom of the AR1344P and tap Login. You can see the dash board of the app after you successfully set up your Wi-Fi network.
- Step 5.** Add AR1344P to an existing Wi-Fi network, tap on the top right hand corner of the dashboard. Tap to add new AR1344P and scan QR code printed on a label on the bottom of the AR1344P, then tap **Create Mesh**.
- Step 6.** Customize the network name and password.
Tap icon on the top right hand corner of the dashboard, and select the Wi-Fi settings to create your own network name (SSID) and password.

Note: If your device disconnects from the Wi-Fi network, view the available Wi-Fi network and then choose the new network name (SSID) and enter the new password.

4. Accessing your AR1344P from WebUI

- Step 1.** Access the web-based setup page
 - Connect your PC to the working AR1344P (master mode)'s wireless network (SSID).
 - WebUI address, ID and the password are located at the label at the bottom of your device.
 - Launch a web browser (Internet Explorer or Chrome).
 - Enter http://192.168.1.1 or http://kaonmesh_#### (#### is the last 4 digits of the working AR1344P's serial number) in the address bar, then press.
 - Enter the default user name, "admin" and "password", password in the fields.

Note : You can view and change your Wi-Fi name (SSID) and password, and see all your AR1344P configured as a mesh network (master and slave mode) in your Wi-Fi.