

EYEKSTON 300M U8 Black

EYEKSTON WiFi Extender U8 Instruction Manual

Model: 300M U8 Black

1. PRODUCT OVERVIEW

The EYEKSTON U8 WiFi Extender is designed to expand your existing wireless network coverage, eliminate Wi-Fi dead spots, and provide stable internet access throughout your home or office. It supports multiple operating modes to suit various networking needs.

- Eliminates Wi-Fi dead spots and extends internet wireless network coverage.
- Features 4 external high-gain antennas for stable signal and greater penetration, covering up to 4800 sq.ft.
- Connects up to 50 devices including laptops, smartphones, speakers, IP cameras, tablets, and IoT devices.
- Provides up to 300Mbps speed for 2.4GHz networks, optimizing network quality and reducing data transmission loss.
- Includes an Ethernet port for wired connections, functioning as a wireless access point or adapter.
- Supports WEP9(128/64) and WPA/WPA2 wireless security protocols for network protection.



Figure 1: EYEKSTON U8 WiFi Extender (300M U8 Black model).

2. WHAT'S IN THE BOX

Verify that all items are present in your package:

- 1 x EYEKSTON WiFi Extender (U8 model)
- 1 x RJ45 Ethernet Cable
- 1 x Instruction Manual

3. DEVICE COMPONENTS

Familiarize yourself with the various components and indicators of your WiFi Extender:



Figure 2: Front and side view of the WiFi Extender with labeled components.

LAN/WAN Indicator: Indicates Ethernet port activity.

Signal Indicator: Shows the strength of the extended WiFi signal.

WPS Indicator: Lights up during WPS connection.

Wireless Indicator: Indicates wireless network activity.

Power Indicator: Shows if the device is powered on.

WPS Button: For quick setup using Wi-Fi Protected Setup.

LAN/WAN Port: Ethernet port for wired connections.

Reset Button: Used to restore factory settings.

High Gain Antennas: Four adjustable antennas for optimal signal reception and transmission.

4. SETUP INSTRUCTIONS

Follow these steps to set up your EYEKSTON U8 WiFi Extender:

4.1 Initial Power On

1. Plug the extender into an electrical outlet next to your main router.
2. Wait until the wireless LED indicator blinks, indicating it's ready for setup.



Video 1: EYEKSTON 300Mbps WiFi Extender U8 Setup Guide. This video demonstrates the initial power-on and setup process for the extender.

4.2 Setup via WPS Button (Recommended for quick setup)

1. Press the WPS button on your EYEKSTON U8 WiFi Extender.
2. Within 2 minutes, press the WPS button on your main router.
3. Wait for about 2 minutes. The signal light on the extender should turn solid green or orange, indicating a successful connection and network expansion.

Easy Installation & Quick Positioning

1 Press the Repeater's WPS Button

2 Press the Router's WPS Button

3 Place the Repeater in desired location



Figure 3: Easy Installation & Quick Positioning using WPS.

4.3 Manual Setup via Web Browser

If WPS setup is not preferred or fails, use the web browser method:

1. Connect your phone or computer to the extender's default Wi-Fi network (SSID usually printed on the extender, e.g., "wireless_XXXXXX"). No password is required initially.
2. Open a web browser and enter 192.168.1.1 in the address bar. Log in with the default username and password (usually "admin" for both).
3. Select "Repeater Mode" from the setup options.
4. The extender will scan for available Wi-Fi networks. Select your main router's 2.4GHz or 5GHz SSID from the list.
5. Enter the password for your main router's Wi-Fi network. You can choose to modify the extender's SSID or keep the default (which usually appends "-EXT" to your main network's name).
6. Confirm the settings and click "Finish". The extender will restart.
7. Once restarted, connect your devices to the new extended network.

01

Find the SSID(Network Name)and Wireless Password Printed on the label at the bottom of router.
2)Connect your smartphone to the extender's network(network name is "wireless_xxxxxx")



02

Start the web browser to enter the repeater mode selection page, select the repeater mode and click NEXT.(if it cannot be automatically jumped, please enter "http://192.168.168.1" in the address bar, enter the default password "admin" and click "LOGIN")



03

Select the 2.4GHz SSID or 5GHz SSID (network name) of the host router you want to amplify.



04

Enter your host router password and click NEXT.



05

Note down your extended network information and finish the step.



06

Reconnect to the network, add the SSID as "*****.EXT" (host router name-EXT), click connect and enter the router password

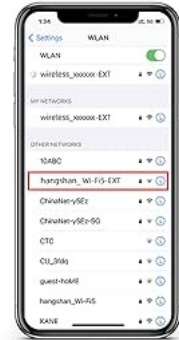


Figure 4: Step-by-step guide for manual setup via web interface.

5. OPERATING MODES

The EYEKSTON U8 WiFi Extender supports three operating modes:

- **Repeater Mode:** Extends the range of your existing wireless network. This is the most common use case.
- **AP (Access Point) Mode:** Converts a wired internet connection into a wireless hotspot. Ideal for areas with Ethernet access but no Wi-Fi.
- **Router Mode:** Functions as a basic router, creating a new private network from a modem connection.

3 IN 1 FUNCTIONS

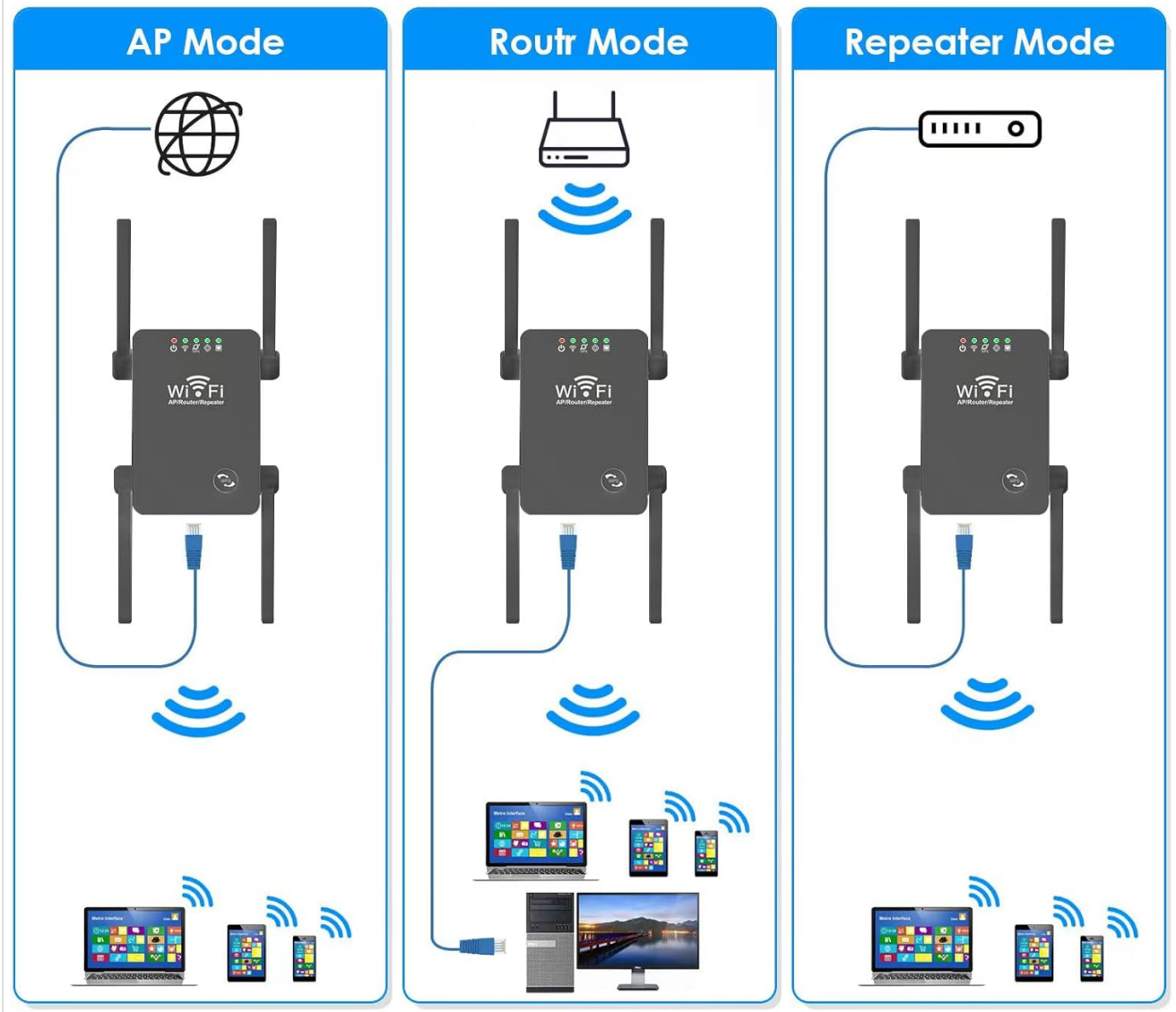


Figure 5: Illustration of the three functional modes of the extender.

6. OPTIMIZING PLACEMENT

For optimal WiFi coverage and performance, consider the following when placing your extender:

- Place the extender about halfway between your main router and the Wi-Fi dead zone.
- Ensure the chosen location is within the range of your host network. The signal indicator lights can help determine optimal placement:
 - **Green Light:** Strong signal.
 - **Orange Light:** Low signal, consider moving closer to the router.
 - **No Light:** No signal, move closer to the router.
- Avoid placing the extender near large metal objects, concrete walls, or appliances that emit electromagnetic interference (e.g., microwaves, cordless phones).



Figure 6: Understanding signal indicators for optimal placement.

7. SPECIFICATIONS

Feature	Detail
Brand	EYEKSTON
Model Number	300M U8 Black
Wireless Communication Standard	802.11n
Data Transfer Rate	300 Mbps (for 2.4GHz)
Frequency Band Class	Dual-Band (2.4GHz)
Special Feature	WiFi Extender, AP Mode, Router Mode

Feature	Detail
Item Weight	5.6 ounces
Package Dimensions	4.72 x 4.33 x 3.54 inches
Country of Origin	China

8. TROUBLESHOOTING

If you encounter issues with your EYEKSTON U8 WiFi Extender, try the following solutions:

- 1. Extender not powering on:** Ensure it is securely plugged into a working electrical outlet.
- 2. Cannot connect to extender's network during setup:**
 - Verify you are selecting the correct default SSID (e.g., "wireless_XXXXXX").
 - Try restarting the extender by unplugging and re-plugging it.
 - Ensure your device's Wi-Fi is enabled.
- 3. No internet access after setup:**
 - Check if your main router has internet access.
 - Ensure you entered the correct password for your main router's Wi-Fi during setup.
 - Relocate the extender closer to your main router if the signal indicator shows low or no signal.
 - Try resetting the extender to factory settings (using the reset button) and performing the setup again.
- 4. Frequent disconnections or slow speeds:**
 - Adjust the extender's antennas for better signal reception.
 - Move the extender to an optimal location (refer to Section 6).
 - Reduce interference by moving the extender away from other electronic devices.
 - Ensure your main router's firmware is up to date.
- 5. WPS setup fails:** If the WPS method does not work, proceed with the manual setup via web browser (Section 4.3).

9. MAINTENANCE

To ensure the longevity and optimal performance of your WiFi Extender:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not block the ventilation holes on the device.
- Periodically check for firmware updates from the manufacturer's official website to ensure the best performance and security.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the contact details provided on the product packaging or visit the official EYEKSTON website.

Please retain your purchase receipt for warranty claims.