

## INEAUTO AX1801

# INEAUTO AX1800 Outdoor WiFi 6 Extender Instruction Manual

Model: AX1801

### PRODUCT OVERVIEW

The INEAUTO AX1800 Outdoor WiFi 6 Extender is a high-performance device designed to extend your wireless network coverage to large outdoor areas. Featuring the latest WiFi 6 technology, it offers ultra-fast speeds, enhanced capacity, and reduced latency for all your connected devices. Its robust IP67 weatherproof housing ensures reliable operation in various outdoor conditions, including rain, snow, and extreme temperatures. With flexible Passive PoE installation, it can be powered and connected via a single Ethernet cable, making it ideal for hard-to-reach outdoor locations.

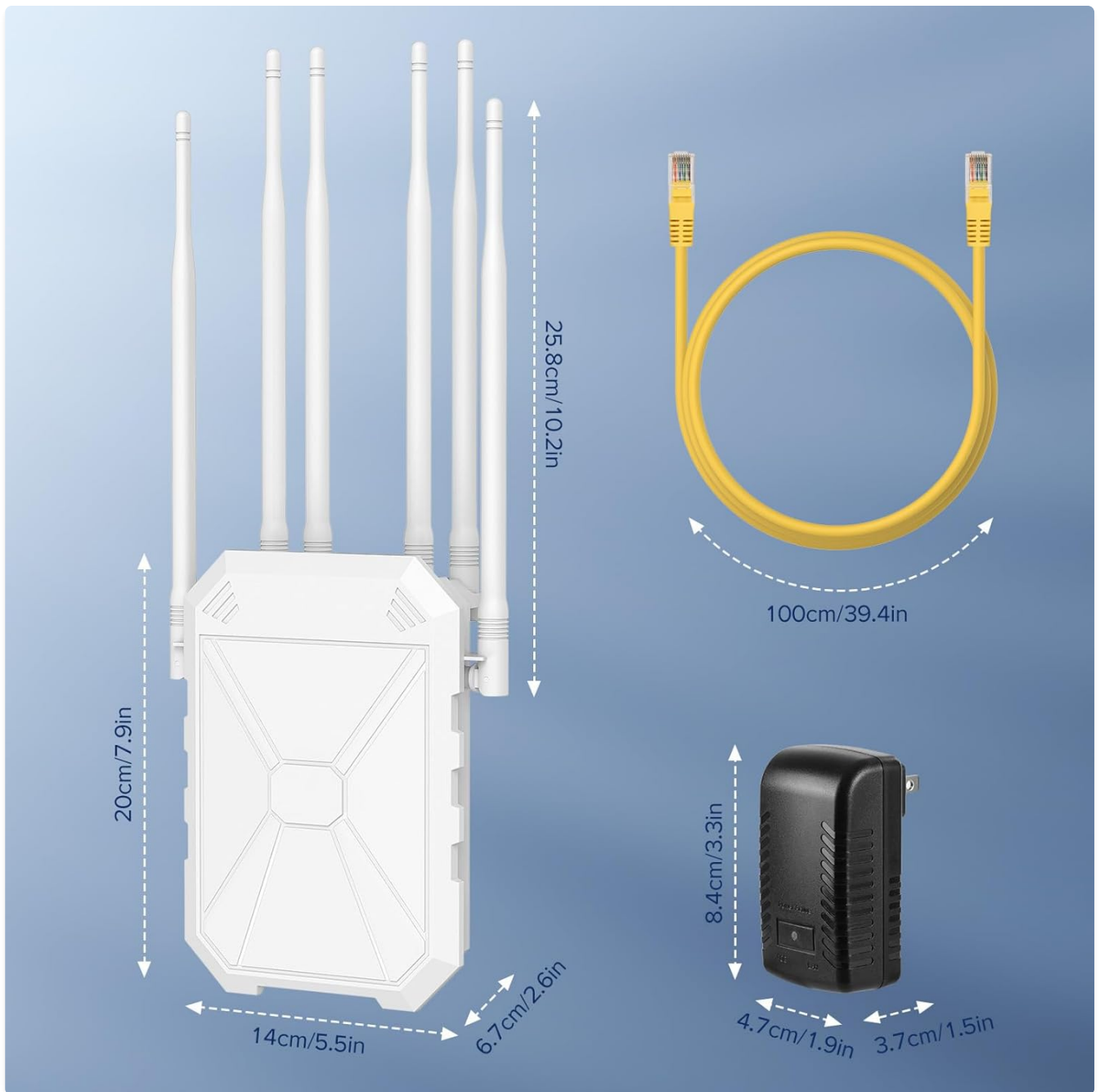


The INEAUTO AX1800 Outdoor WiFi 6 Extender provides robust outdoor connectivity.

## WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1x AX1800 WiFi 6 Extender
- 1x Power Adapter
- 1x Ethernet Cable
- 4x Cable Ties
- Mounting Hardware (screws, metal clamp)
- Quick User Guide



All components included in the product packaging.

## KEY FEATURES

- **Ultra-Fast WiFi 6 Technology:** Dual-band support (5GHz/1201Mbps & 2.4GHz/574Mbps) for smooth HD streaming, gaming, and browsing.
- **All-Weather Durability:** IP67 waterproof housing and lightning protection for reliable performance in harsh outdoor conditions.
- **Powerful Coverage:** Equipped with 6 high-gain 8dBi antennas and dual PA/LNA amplifiers for extended signal coverage up to 300m.
- **Flexible Passive PoE Installation:** Powered and connected via a single Ethernet cable, allowing installation in any outdoor location.
- **Versatile Modes:** Supports AP, router, and repeater modes to adapt to various network scenarios.
- **Enhanced Security:** WPA/WPA3 and WPA-PSK/WPA3-PSK protocols maximize network security.
- **Effortless Setup:** Simple and intuitive setup process with compatibility across over 99% of market routers.

The INEAUTO logo is displayed in white capital letters inside a semi-transparent grey rounded rectangle.

## AX1800 Outdoor WiFi Extender

WiFi 6 - Dual-Band Concurrent

1200 Mbps **5GHz**+600Mbps **2.4GHz**



Overview of the AX1800's advanced features and capabilities.

### SETUP GUIDE

#### 1. Powering the Extender

Connect the provided Ethernet cable from the PoE port on the power adapter to the PoE port on the extender. Plug the power adapter into a power outlet. The LED indicator on the extender should turn solid once powered on. Note that the PoE converter is not waterproof and must be installed indoors or in a protected outdoor area.



## PoE Power Supply - Say Goodbye to Power Hassles, One Cable Does It All!

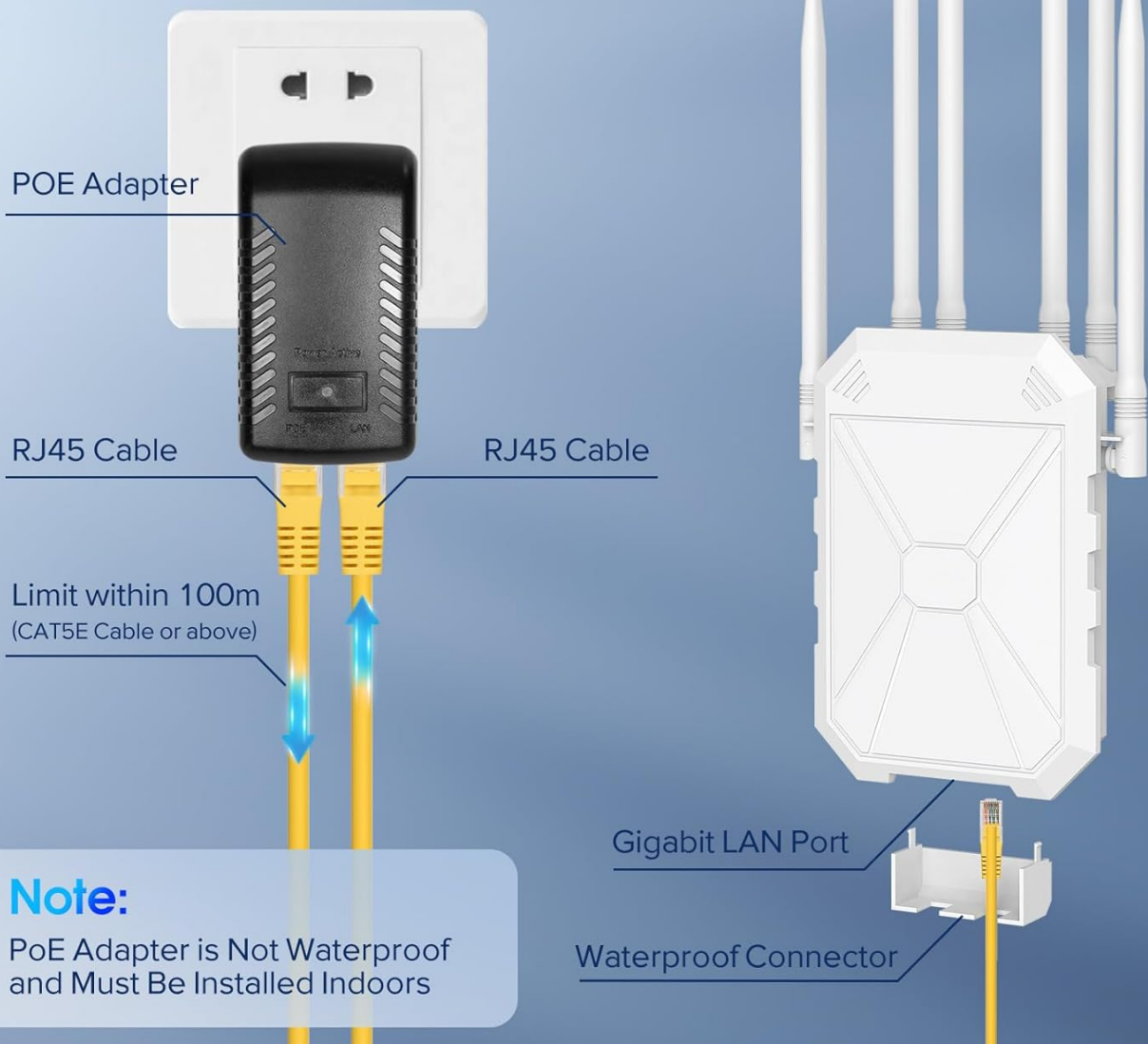


Illustration of the Passive PoE power supply connection.

## 2. Physical Installation

The extender offers multiple installation options:

- **Wall Mounting:** Use the screw holes on the back of the unit to mount it directly to a wall.
- **Pole Mounting:** Utilize the provided metal clamp or cable ties to secure the extender to a pole or fence.

Ensure the antennas are adjusted for optimal signal direction. They can be moved to suit your specific coverage needs.

# 6 High-Gain 8dBi Antennas, Dual Signal Amplifiers

Fill Your Entire Yard with WiFi Coverage!



The six high-gain antennas provide extensive Wi-Fi coverage.

### 3. Initial Configuration (Seller Video Guide)

For a detailed visual guide on setting up your extender, please refer to the official seller's video below. This video demonstrates the connection process and initial setup steps.

Official setup guide for the Outdoor WiFi Extender by INEAUTO.

The extender is compatible with Starlink systems, allowing you to extend your satellite internet signal across your property.





The extender can be seamlessly integrated with Starlink for expanded coverage.

## OPERATING MODES

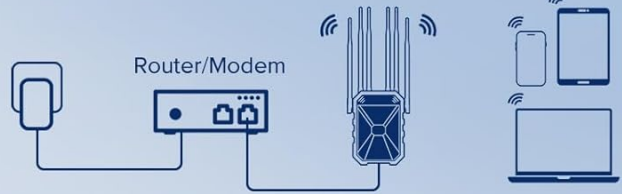
The AX1800 offers multiple operating modes to suit your networking needs:

- **AP (Access Point) Mode:** Converts a wired network connection into a wireless one, creating a new Wi-Fi hotspot.
- **Router Mode:** Functions as a primary router, managing network traffic and providing internet access.
- **Repeater Mode:** Extends the range of an existing Wi-Fi network by receiving and re-transmitting the signal.

## Multiple Modes for Flexible Switching, Meeting All Your Network Needs



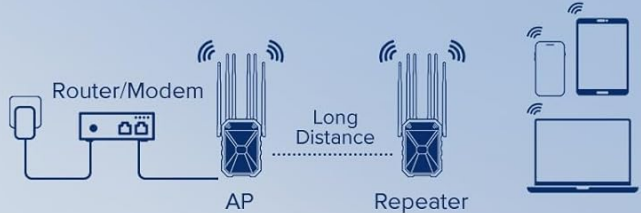
### AP/Router Mode



### Repeater Mode



### AP+Repeater Mode



Choose from AP, Router, or Repeater modes for flexible network management.

## MAINTENANCE

The INEAUTO AX1800 is designed for minimal maintenance due to its durable construction and IP67 weatherproof rating. However, regular checks can ensure optimal performance:

- **Periodic Cleaning:** Gently wipe the exterior of the unit with a soft, damp cloth to remove dust or debris. Avoid harsh chemicals.
- **Antenna Check:** Periodically ensure the antennas are securely attached and positioned for the best signal.
- **Cable Inspection:** Check the Ethernet cable for any signs of wear, damage, or loose connections.
- **PoE Adapter Protection:** As the PoE adapter is not waterproof, ensure it remains in a dry, protected environment.



# Outdoor WiFi 6 Extender

IP65 Waterproof & lightning protection, Engineered for Extreme Outdoor Conditions



The extender is built to withstand various weather conditions.

## TROUBLESHOOTING

If you encounter issues with your AX1800 extender, try the following steps:

- **No Power/LED Off:** Ensure the power adapter is securely plugged into a working outlet and the Ethernet cable is correctly connected to the PoE port on both the adapter and the extender.
- **No Internet Connection:** Verify that your main router has an active internet connection. Check all Ethernet cable connections. If in repeater mode, ensure the extender is within range of your main router's signal.
- **Weak Signal/Slow Speed:** Adjust the position and orientation of the extender's antennas. Relocate the extender to a more central location between your router and the desired coverage area. Check for physical obstructions.
- **Cannot Access Setup Page:** Ensure your device is connected to the extender's default Wi-Fi network (e.g., "Repeater\_XXX"). Try clearing your browser's cache or using a different browser.

- **Resetting the Extender:** If issues persist, a factory reset may be necessary. Locate the reset button (often a small pinhole) on the unit. With the extender powered on, use a paperclip to press and hold the reset button for approximately 10 seconds until the LED indicators change. This will restore the extender to its factory default settings.

**SPECIFICATIONS**

Attribute	Value
Model Number	AX1801
Wireless Communication Standard	802.11a/b/g/n/ac, 802.11ax
Frequency Band Class	Dual-Band (5 GHz, 2.4 GHz)
Data Transfer Rate	1800 Megabits Per Second
Antennas	6 High Gain 8dBi Antennas
Waterproof Rating	IP67
Power Supply	Passive PoE
Item Weight	2.25 pounds
Package Dimensions	14.48 x 8.9 x 3.58 inches



Detailed dimensions of the extender and its components.

## WARRANTY AND SUPPORT

INEAUTO products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided in your Quick User Guide or visit the official INEAUTO website. Keep your purchase receipt for warranty claims.





### [AX3000 Outdoor WiFi 6 Extender Quick User Guide](#)

A quick user guide for setting up the AX3000 Outdoor WiFi 6 Extender in Repeater, AP, and Router modes. Includes troubleshooting tips and contact information.