KyAir800E

KyAir800E Outdoor Wireless Access Point

Industrial Grade 802.11AX Dual-Band Access Point Quick Installation Guide

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KYLAND

Disclaimer

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1 Preface

Overview

This document primarily introduces the installation and basic configuration of the outdoor wireless AP.

The following symbols represent the meanings below:

Symbol	Explanation
⚠️ Warning	Indicates moderate or low potential hazards. If not avoided, this may result in minor or moderate injury to personnel.
⚠ Caution	Indicates potential risks. Ignoring these texts may result in equipment damage, data loss, or other unpredictable consequences.
📖 Note	Provides supplementary information, emphasizing and complementing the main text.

Usage Safety Instructions

Below are the correct usage methods for the product to prevent danger and avoid property loss. Before using the device, carefully read the manual and strictly follow its instructions. Keep the manual properly after reading.

Usage Requirements
Do not spill or splash liquids onto the device, and ensure that no items filled with liquids are placed on the device to prevent liquids from entering it. Use the device only within the rated input and output range.
Do not disassemble the device arbitrarily.
Transport, use, and store the device within the permissible humidity and temperature range.

About this document

Please refer to the actual product, this document is for reference only.
If the instructions in this document are not followed, the user is responsible for any damages incurred as a result. Other trademarks or company names that may be mentioned in this document are the property of their respective owners.
The Company reserves the right to modify any information in this document at any time, and such modifications will be incorporated in a new version of this document without prior notice. Some features of the product may differ before and after updates.
This document may contain technical inaccuracies, or inconsistencies with the functionality and operation of the product, or typographical errors, which are subject to final interpretation by the Company.

2 Unboxing Inspection

When unboxing, please check the device for any visible damage and confirm that the items match the packing list. For details, refer to Table 2-1. The actual configuration may vary depending on the specific product.

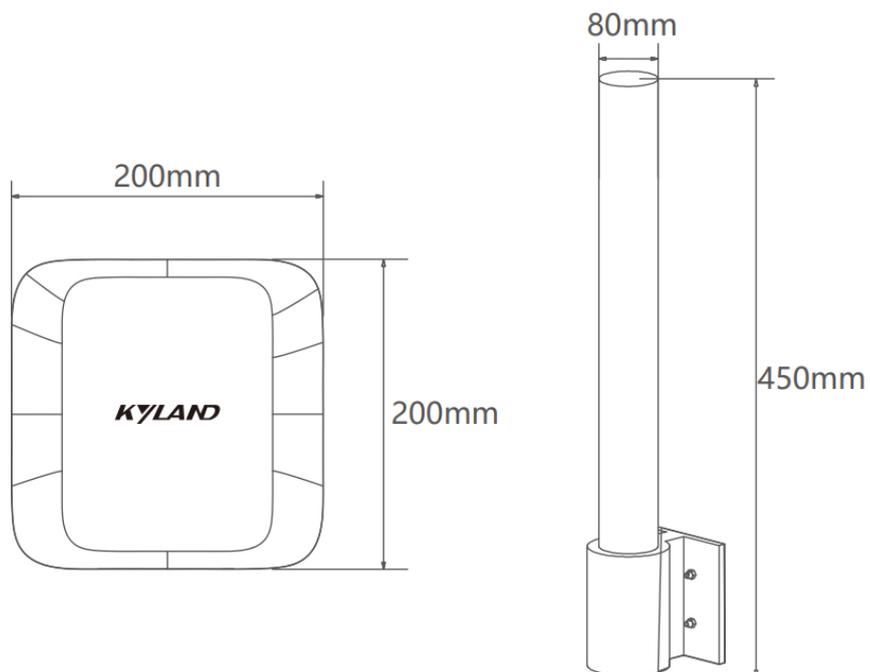| Accessory Name	Quantity	Unit
Host equipment	1	Unit
Waterproof connector	2	Piece
Device mounting bracket	1	Set
Fiberglass Antenna	4	Pieces
Power adapter	1	Piece
AC power	1	Cable
Certificate & Warranty Card & Packing List	1	Sheet

Table 2-1: Packing List

3 Device Installation

3.1 Device Structure

📖   Instructions

The structural drawings are schematic drawings and are used only to understand the function of the device interface

Device Size

Device interface

Interface/Key		Name	Description
Wireless device	PoE	Device power supply interface	Power Supply Interface Connects via a network cable to the "POE" port on the power adapter to supply power and transmit data.
	LAN	Data transmission interface	Connects to network devices such as switches through network cables
Power adapter	PoE	Device power supply interface	Connects to the POE port of the wireless device through a network cable
	LAN	Data transmission interface	Connects to network devices such as switches through network cables

Figure 3-1: Wireless Device/Power Adapter Interface Illustration

3.2 Device Installation

⚠ Warning

During the installation, avoid equipment, parts, and tools from falling from high altitude.

Otherwise, equipment and other objects may be damaged, and parts may be lost. Step 1: Take out

the device and hose clamp. Pass the hose clamp through the back mounting holes of the device

bracket, securing it to the installation pole as shown in Figure 3-1.

⚠ Caution

Ensure the PoE port is facing downward during installation.
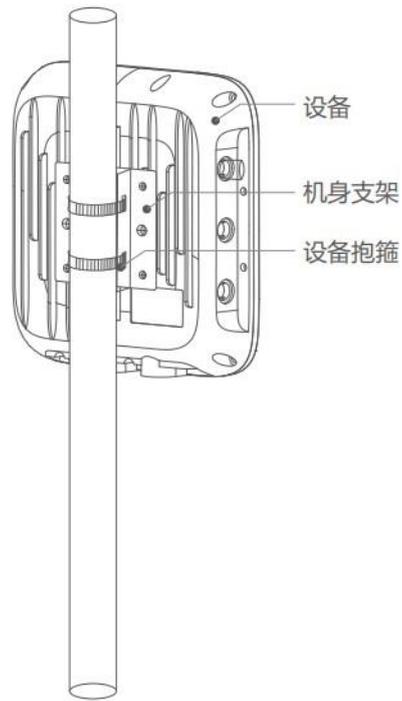
标注：设备、机身支架、设备抱箍

Figure 3-1: Installation Diagram (I)

Step 2: Attach the antenna to the device using the provided mounting bracket (U-bolts, clamps, and nuts), as shown in Figure 3-2. Connect the device and antenna using the feeder cable.

⚠ Caution

Recommended diameter for the installation pole: 40-70mm.

天线
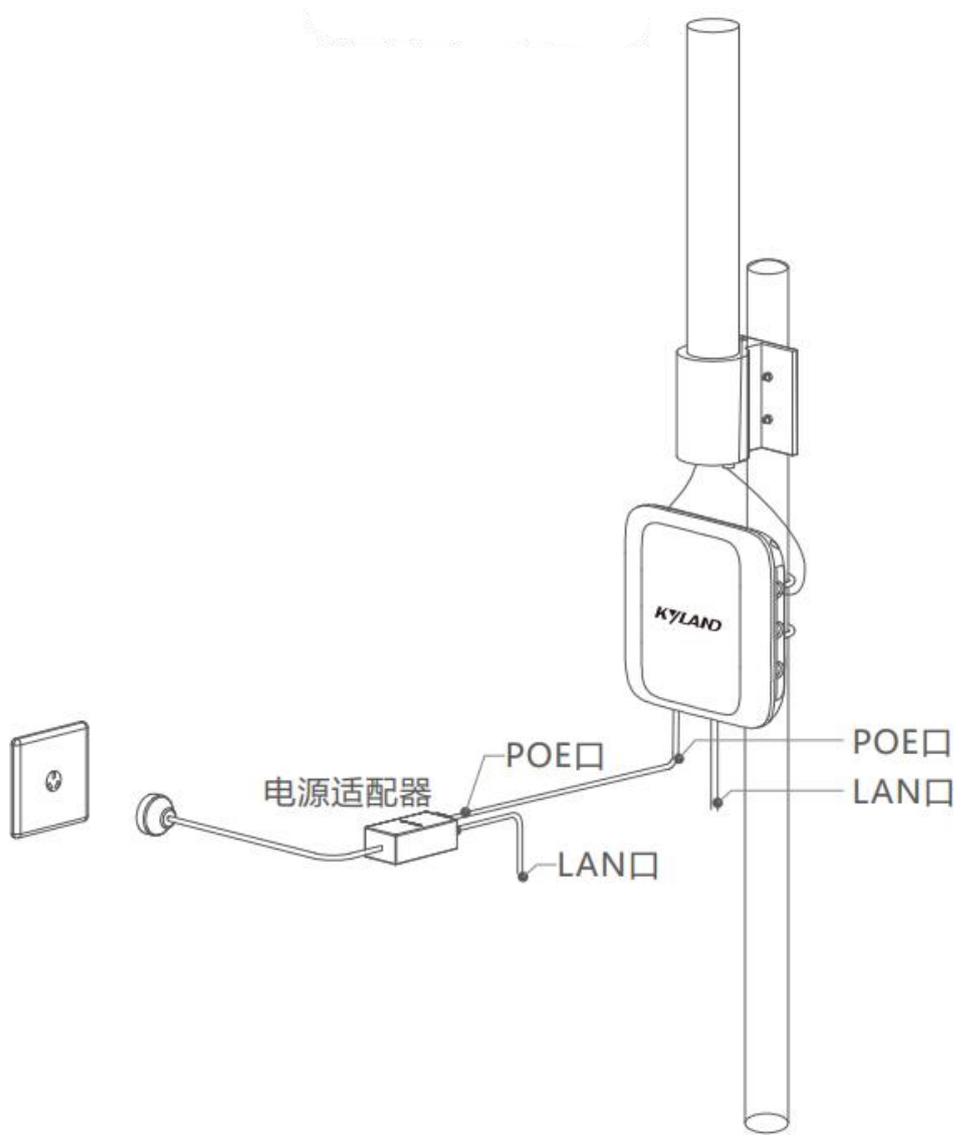
馈线

POE口
电源适配器
LAN口
POE口
LAN口

Figure 3-2: Installation Diagram (2)   Figure 3-3: Wiring Diagram

Step 3: Connect the POE port of the device to the POE port of the power adapter, LAN port of the device, or power adapter through a network cable
The LAN port can be connected to network devices such as switches through network cables, as shown in Figure 3-3.

4 Basic Configuration

Configure the device through the web interface to set parameters such as the device IP address and wireless settings. For first-time use, utilize the "Wizard" function for configuration.

 Preconditions

Ensure that the PC is connected to the power adapter "LAN" port of the wireless device.

The IP address of the PC and the IP address of the device (192.168.10.1 by default) are set in the same network segment.

 Operation procedure

Step 1: Open a browser, input the default IP address of the wireless device in the address bar, and press [Enter]. The system displays the "Login" interface as shown in Figure 4-1.
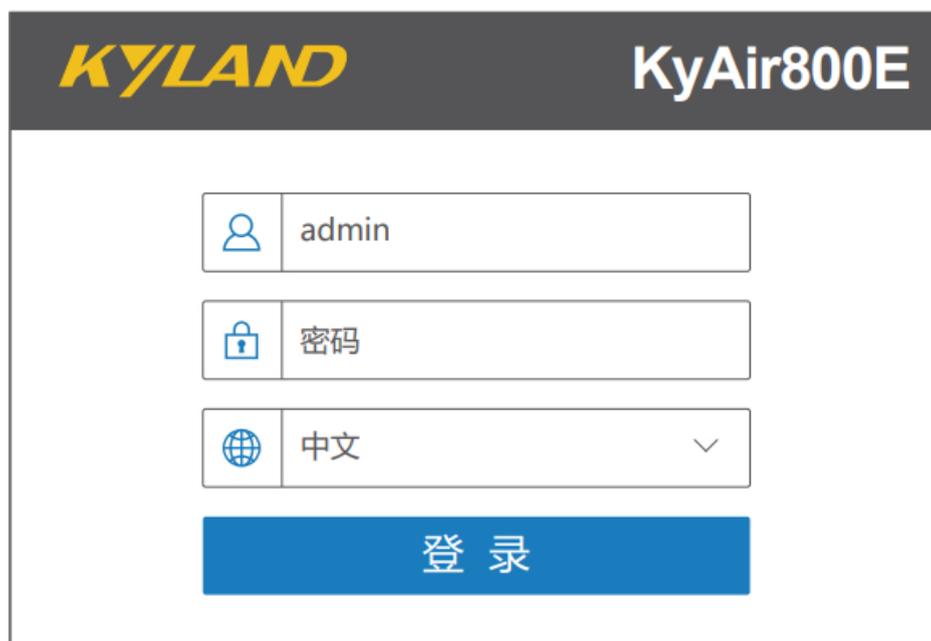

Figure 4-1: Installation Diagram (I)

Step 2: Input the username and password, then click "Login".

📖 Instructions

The default username is admin, and the default password is 123. It is recommended to set a high-security password and change it regularly.

Step 3: Click "Wizard" in the upper-right corner of the navigation bar. The system displays the "Wizard-Network" interface as shown in Figure 4-2.

Figure 4-2: Wizard - Network page diagram

Step 4: Set the IPv4 address and subnet mask of the device, and click Next.
Change the IP addresses of devices based on the network plan to ensure that IP addresses on the same network do not conflict.

Figure 4-3: Diagram of Wizard-Wireless page

Step 5: The system displays the "Wizard-Wireless" interface as shown in Figure 4-3. Set the wireless mode, network name, and key, then click "Next".Wireless modes include: "Access Point," "Client," "WDS Access Point," and "WDS Client."

⚠ Warning

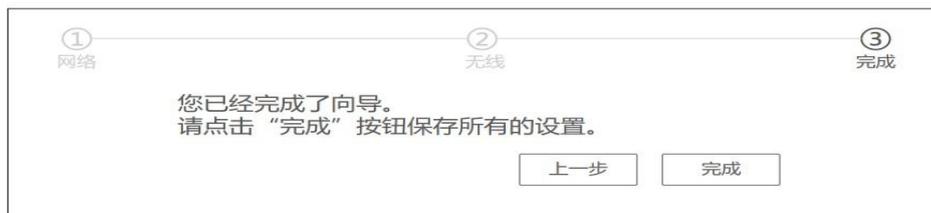When multiple access point devices are in the same area, configure different frequencies to avoid co-channel interference.

Figure 4-4: Wizard-Completion Page