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1/Product introduction

• LED indicator definition

Front

Back

One LED indicator	Designation	Normal Status	Explanation
SYSTEM LED	Green Light	System boots up successfully	
	Blue Light	WiFi boots up successfully	

Three LED indicators	Designation	Normal Status	Explanation
SYSTEM LED	Bright	System boots up successfully	
	Flashing	System reset default	
2.4G LED	Flashing	2.4G Wireless boots up successfully	
5G LED	Flashing	5G Wireless boots up successfully	

*The number of LEDs for different models of ceiling mount AP will be different, please refer to the actual product.

• Ports Definition

LAN

WAN

LAN

Power

Reset

Ports & Buttons	Explanation
DC Socket	Power input port
LAN indicator	LAN indicator will light up when Ethernet cable is connected to LAN/ALL ports
Reset Button	Reset device to factory default settings, press 10s to respond when powered on, device will reboot
WAN Port	Connect to Internet through ADSL, modem or FTTH broadband, Under AP and repeater mode, WAN port will not connect to LAN port
LAN Port	LAN port, can connect LAN device

This manual is for different models of products may be different, the above diagram is only for reference, pls refer to the actual product!

• Operation environment

Suitable for safe use in areas below 2000 meters above sea level

Only suitable for safe use in non-tropical climatic conditions.

2/Device installation

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3/Device connection

Bypass mode topology

Internet

Cloud Server

Router

AP

AP2

AP3

Laptop

Mobile phone

Monitor

AC Gateway mode topology

Internet

Cloud Server

AC gateway at the end

Router

AP

AP2

AP3

Laptop

Mobile phone

Monitor

Tip: If the AP supports 24V PoE, pls use 24V PoE switch or PoE adapter. If the AP is a standard 48V PoE device, please use a standard IEEE802.3at PoE switch or PoE adapter. When deploy a large wireless network, there are many APs in this network, it is recommended to use a wireless AC controller in the network to centralized manage all APs in the network.

4/Device management

1. Management from WEB UI

Connect PC by wireless

(1). To connect an AP wirelessly, you need set the IP address of the TCP/IP properties of the wireless network card to 192.168.188.X (X is number range of 2-252) first, so that the AP and PC in the same IP segment, and set the subnet mask to 255.255.255.0, as shown in the following picture:

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2. By default it is in Fit AP mode, users need click the button to change it to FAT AP mode if needed.

3. Setup Wizard page, choose AP mode as the current working mode.

4. Internet connection and status view

IP Settings: After the configuration is completed, the wireless AP will restart and enter the Operation Mode you set. Then change the IP address of your computer to obtain an IP address automatically, computer and other wireless devices can connect to the AP for internet access.

View status: Manually set a fixed IP address for your computer to 192.168.188.X (X is number range of 2-252), then login the wireless AP by its IP address to enter the management user interface and view its status, as shown in the following picture.

5. Wireless testing

1. Use Laptop or mobile phone to test whether the wireless network can surf the Internet: click wireless network, select the wireless SSID, enter the password to connect the wireless AP, test whether you can surf the Internet.

2. Check the status of the wireless network connection: signal quality, speed, bytes sent and received. Click on Details, check if the IP address and DNS server address etc. obtained correctly, confirm that the device is working properly.

6. Device Management

Users can backup, reboot and reset to factory default settings through device management menu options. Also you can modify the WEB login password, upgrade firmware, time synchronization and system log statistics and other functional settings as shown in picture below.

7. Other mode

Gateway Mode: Realize router function, WAN port connect with modem (ADSL or Fiber), or WAN port connect internet by dynamic or static IP type.

Repeater Mode: Realize wireless bridge and forwarding without compatibility matching with the upper device.

WISP Mode: Wireless ISP clients connect to the wireless base station by wireless, to realize local LAN internet connection sharing.

AP Mode: Under AP mode, NAT, DHCP, firewall, and all WAN related functions are turned off, all wireless and wired interfaces are bridged together, no operation mode between LAN and WAN.

Based on the Quick Setup Wizard for each mode shown in the above picture, Set the parameters and options that user needs, and click Next

5/Use mobile phone to login

1. Use mobile phone to login

• Mobile phone login web page of AP (default password is admin)

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