Tenda

Quick Installation Guide
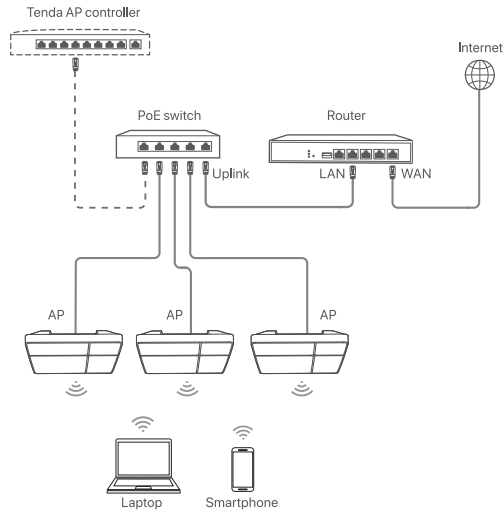
AC1200 Wave2 Gigabit Access Point i24

Package Contents
- AP x 1
- Mounting bracket x 1
- Plastic anchor (inner diameter: 2.4 mm, height: 6.6 mm, length: 26.4 mm) x 4
- Plastic nut (diameter: 2.51 mm, length: 14.5 mm) x 4
- Screw (head diameter: 6 mm, thread diameter: 3 mm, length: 25 mm) x 4
- Quick installation guide
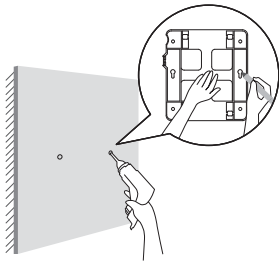
Typical Network Topology

- ⚙ Tips
  - For PoE power supply, use an Ethernet cable (recommended: CAT5e or above, length: ≤ 100m) to connect the PoE/LAN port of the AP to a PoE power supply device with IEEE 802.3at standard.
  - For DC power supply, connect a power adapter (12V ⎓ 1A, self-prepared) to the DC power jack of the AP. Do not use a power adapter over 12V.

Tenda AP controller
Internet
PoE switch
Router
Uplink
LAN · WAN
AP AP AP
Laptop Smartphone

Install the AP

- ⚙ Tips
  The AP is suitable for mounting at heights > 2m. Before installation:
  - Record the MAC address (on the bottom label of the AP) and installation position of the AP to locate the AP through the MAC address.
  - You may need a rubber hammer, a marker, a hammer drill, a drill bit, a screwdriver, and a ladder for the installation. Please prepare them yourself.

Ceiling Mounting

1. Position the bracket on the ceiling and mark screw hole positions with the marker.
2. Drill holes in the marked positions using a hammer drill.

3. Install the bracket.

- ⚙ Tips
  Option A applies to general cases. For ceilings with weak strength (such as plasterboard), please choose Option B.

Option A: Knock the included plastic anchors into the holes using the rubber hammer. Insert the included screws into the screw holes on the bracket and fix them into the plastic anchors using a screwdriver.

Option B: Insert the included screws into the screw holes on the bracket and fix them into the included plastic nuts using a screwdriver.

Plastic nut
Plastic anchor
Bracket
Bracket
Screw
Screw

4. Use an Ethernet cable (CAT5e or above recommended) to connect the PoE/LAN port of the AP.

- ⚙ Tips
  - If the AP uses DC power supply, repeat step 4, and then connect a power adapter (12V ⎓ 1A, self-prepared) to the DC power jack of the AP.
  - Before powering on, check if the PoE/DC power supply device you use complies with your AP.

5. Insert the slots of the AP into the hooks of the bracket, and push the AP to one side until you hear a click.
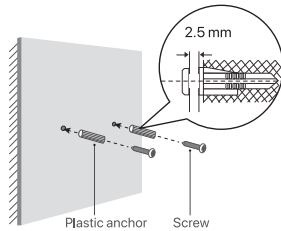
Hook
Slot

Wall Mounting

1. Position the bracket on the wall and mark screw hole positions with the marker.
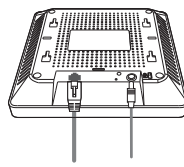2. Drill holes in the marked positions using a hammer drill.

3. Knock the included plastic anchors into the holes using a rubber hammer. Then use a screwdriver to fix the included screws into the plastic anchors. The distance between the inside surface of the screw header and the edge of the plastic anchor should not be less than 2.5 mm, to make sure that the AP can be hung on the screws firmly.
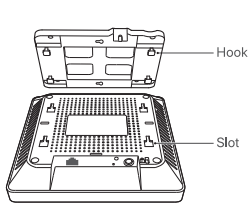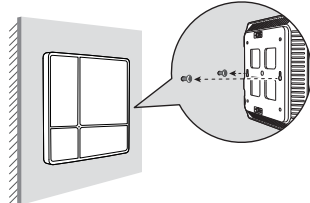
2.5 mm

Plastic anchor   Screw

4. Use an Ethernet cable (CAT5e or above recommended) to connect the PoE/LAN port of the AP.

- ⚙ Tips
  - If the AP uses DC power supply, repeat step 4, and then connect a power adapter (12V ⎓ 1A, self-prepared) to the DC power jack of the AP.
  - Before powering on, check if the PoE/DC power supply device you use complies with your AP.

5. Insert the slots of the AP into the hooks of the bracket, and push the AP to one side until you hear a click.

Hook
Slot

6. Align the two mounting holes on the bracket with the two screws on the wall, and then slide the AP to fit in the screws until it is firmly hung on the screws.
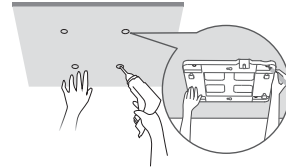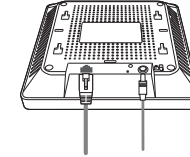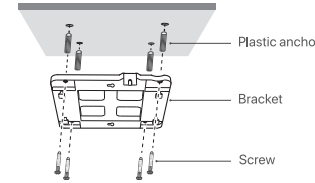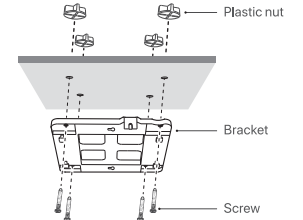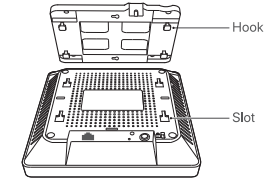
Configure the AP

Method 1: Through a Tenda Hardware Controller

If there is a Tenda hardware controller (a Tenda AP controller or a Tenda router with AP management function) in the LAN, you can manage the APs in batches through the hardware controller. For details, visit the product page or service page on **www.tendacn.com** to get the user guide of the hardware controller of the model.

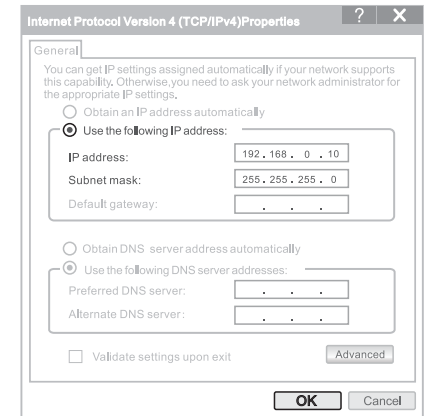## Method 2: Through the Web UI of the AP

- ⚙ Tips
  - To avoid IP addresses conflict between APs in the same LAN, change the IP addresses of the APs separately.
  - Record the changed IP addresses of APs for subsequent management.

1. Use an Ethernet cable to connect the management computer to a switch that is connected to the AP.
2. Set the IP address of the management computer to the same network segment as that of the AP (default: **192.168.0.254**).

- ⚙ Tips
  - Without the DHCP server in the LAN, the default IP address of the AP is **192.168.0.254**.
  - With the DHCP server in the LAN, the AP may obtain an IP address from a DHCP server and you can check the new IP address from the client list of the DHCP server. It is available only when the AP is in factory settings.

For example, if the IP address of the AP is 192.168.0.254, you can set the IP address of your computer to **192.168.0. X** (X ranges from 2 to 253 and is unused) and subnet mask to **255.255.255.0**.

Internet Protocol Version 4 (TCP/IPv4)Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

○ Obtain an IP address automatically
● Use the following IP address:

IP address: 192.168. 0 .10
Subnet mask: 255.255.255. 0
Default gateway: . . .

○ Obtain DNS server address automatically
● Use the following DNS server addresses:
Preferred DNS server: . . .
Alternate DNS server: . . .

☐ Validate settings upon exit   Advanced
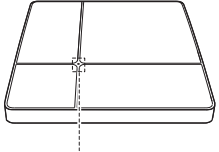
OK   Cancel

3. Start a web browser on the management computer, enter the IP address of the AP in the address bar, and log in to the web UI to manage the AP.

For details, visit the product page or service page on **www.tendacn.com** to get the user guide of the AP.
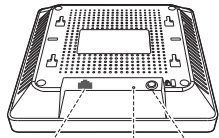
Get to Know Your Device

LED Indicator

SYS LED indicator
Solid on: AP is starting up.
Blinking: AP is working properly.
Off: The LED indicator is turned off.

Port/Button/Jack

DC power jack
Connected to a power adapter
(self-prepared) to power on the AP.

Reset button
For the reset method, refer to **Q3** in the **FAQ**.

PoE/LAN port
PoE power input port and gigabit LAN port,
connected to an upstream device (such as a PoE switch).

FAQ

Q1: I cannot log in to the web UI of the AP. What should I do?
A1: Try the following solutions:
- Ensure that the Ethernet cable between the AP and the management computer is connected properly.
- Ensure that the IP address of the management computer is set to the same network segment as that of the AP. For example, if the IP address of the AP is 192.168.0.254, you can set the IP address of your computer to 192.168.0.*X* (*X* ranges from 2 to 253 and is unused).
- If the LAN where the AP is deployed has a DHCP server, the AP may obtain an IP address from a DHCP server in the LAN. You can check the new IP address from the client list of the DHCP server, and use this IP address to log in. It is available only when the AP is in factory settings.

If the problem persists, refer to **Q3** to reset the AP.

Q2: The controller fails to detect the AP. What should I do?
A2: Try the following solutions:
- Ensure that the physical connections are correct and the AP has started up properly.
- If VLAN exists in the network, ensure that the controller is in the same VLAN as the AP.
- Reboot the AP.
- Ensure that the firmware of the controller and the AP is the latest version on **www.tendacn.com**.
- Refer to **Q3** to reset the AP.

Q3: How to reset the AP?
A3: When the AP is idle, hold the reset button (**Reset**) down with a needle-like object for about 8 seconds, and release it when the LED indicator lights solid green. When the LED indicator blinks green again, the AP is reset successfully.

Q4: I forgot the username and password when logging in to the web UI of the AP. What should I do?
A4: Refer to **Q3** to reset the AP, and try to log in with the default username (**admin**). Changing the password is required when logging in for the first time after resetting.

Get Support and Services

https://www.tendacn.com/service/default.html

For technical specifications, user guides and more information, please visit the product page or service page on **www.tendacn.com**. Multiple languages are available.
You can see the product name and model on the product label.

Safety Precautions

Before operating, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.
- Do not use the device in a place where wireless devices are not allowed.
- The device should be powered off during installation.
- If the device adopts power adapter or PoE power supply device, use a power adapter or a PoE power supply device with the required specifications. Do not use the power adapter or PoE power supply device if it is damaged.
- If the device adopts power adapter supply, the mains plug is used as the disconnect device, and shall remain readily operable. The power socket shall be installed near the device and easily accessible.
- Operating temperature: -10℃ - 40℃.
- The device is for indoor usage only.
- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.
For the latest safety precautions, see **Safety and Regulatory Information** on **www.tendacn.com**.

AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE
IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK(NI)

UK

English: Operating Frequency/Max Output Power
Deutsch: Betriebsfrequenz/Max. Ausgangsleistung
Italiano: Frequenza operativa/Potenza di uscita massima
Español: Frecuencia operativa/Potencia de salida máxima
Português: Frequência de Funcionamento/Potência Máxima de Saída
Français: Fréquence de fonctionnement/Puissance de sortie maximale
Nederlands: Bedrijfsfrequentie/Maximaal uitgangsvermogen
Svenska: Driftsfrekvens / Max Uteffekt
Dansk: Driftsfrekvens/Maks. Udgangseffekt
Suomi: Toimintataajuus/maksimilähtöteho
Magyar: Működési frekvencia/Maximális kimeneti teljesítmény
Polski: Częstotliwość pracy / Maksymalna moc wyjściowa
Čeština: Provozní frekvence/maximální výstupní výkon
Ελληνικά: Συχνότητα Λειτουργίας/Μέγιστη Ισχύς Εξόδου
Română: Frecvența de funcționare/Puterea maximă de ieșire
Български: Работна честота/максимална изходна мощност
Eesti: Töösagedus/Max väljundvõimsus
Slovenščina: Delovna frekvenca/Največja izhodna moč
Slovenčina: Prevádzková frekvencia/maximálny výstupný výkon
Hrvatski: Radna frekvencija/Maksimalna izlazna snaga
Latviešu: Operējošās frekvences/ Maksimālā jauda
Lietuvių: Darbinis dažnis / maksimali išėjimo galia
Türkçe: Çalışma Frekansı/Maks. Çıkış Gücü
Українська: Робоча частота/максимальна вихідна потужність
Русский: Рабочая частота/макс. выходная мощность

‫عربي:‬ تردد التشغيل / الحد الأقصى لطاقة الإخراج

2412MHz-2472MHz/20dBm
5150MHz-5250MHz(indoor use only)/23dBm