



## Quick Installation Guide Outdoor CPE

**AirDual-AC12**  
**AWOD-12ACi**  
**AWOD-30AXi**

### 1/Device installation

#### • Device installation

- (1) Make sure the device is power off
- (2) Follow Figure 1, insert clamp hoop into the hole on backside of the enclosure
- (3) Fasten the AP to the pole (diameter 40-60mm) with clamp hoop, after confirming the angle and direction, use screwdriver to fix the clamp hoop tightly.

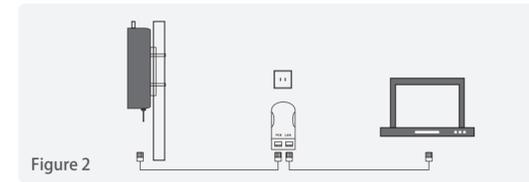
#### • Hardware connection

- (1) AP connects to the POE port of POE adapter through LAN cable (make sure the impedance of the LAN cable wires should be less than 6 Ω)
- (2) PC connects to the LAN port of POE adapter through LAN cable
- (3) Power on the POE adapter, POWER LED on the AP should light up normally
- (4) Check networking connection status on PC to verify whether PC is connected correctly with the AP, see Figure 2.

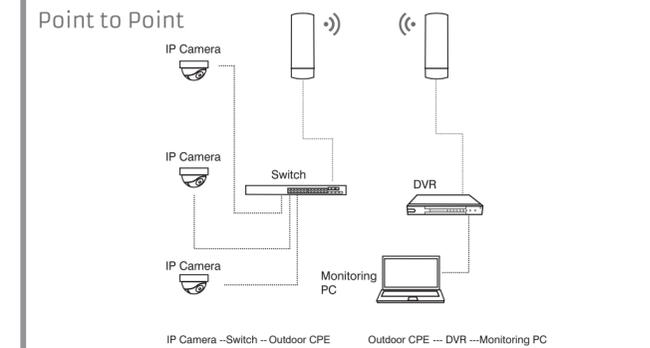
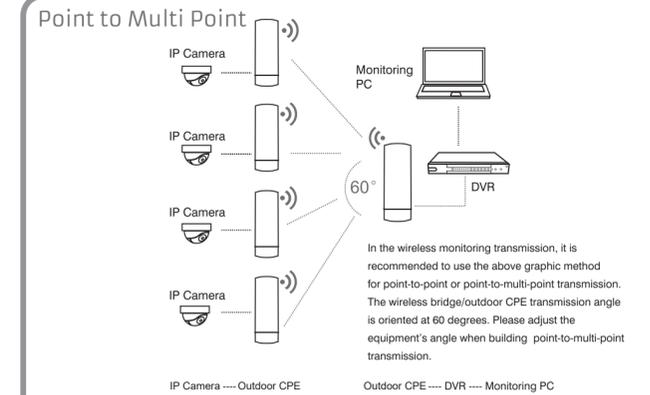
#### • Installation Range

- (1) The straight distance should be within the range of AP signal
- (2) Deploy the LAN cable from indoor to outdoor location of AP installation.
- (3) The height of mounting pole should be 1.5M above the roof, the antenna of AP should face to the base station and in good alignment to make sure signal strength is the best.

### 1/Device installation

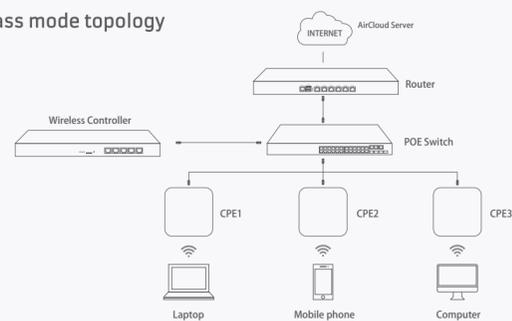


### 2/Product Topology

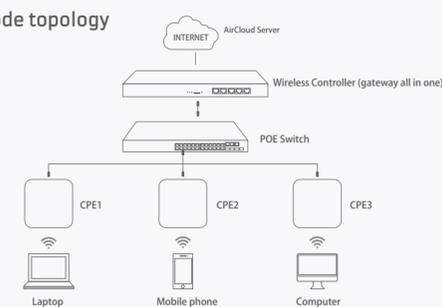


### 3/Device connection with Controller

#### Bypass mode topology



#### Gateway mode topology



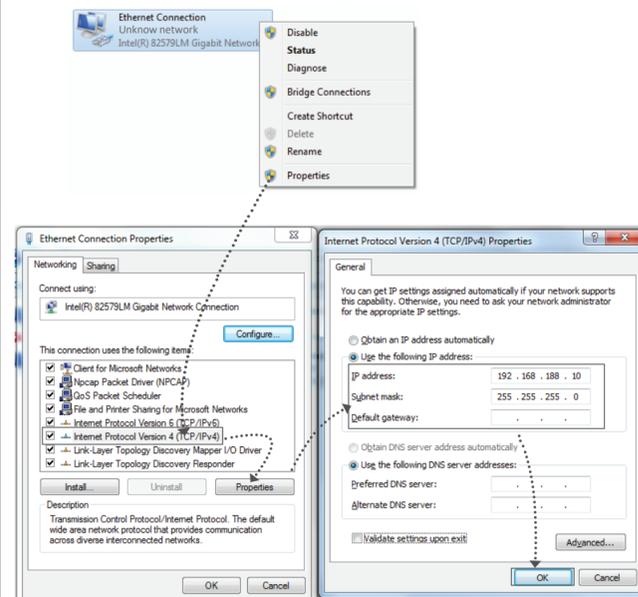
**Tips:** When the AP is a standard active 48V PoE device. Please use a switch that supports IEEE802.3at standards. When deploying a large wireless network, with many APs in the network, it is recommended to use an AirLive Wireless controller in the network to centrally manage all AP in the network. In this example the AirLive Ceiling AP is used.

### 4/Device management

#### 4.1 Web login Management

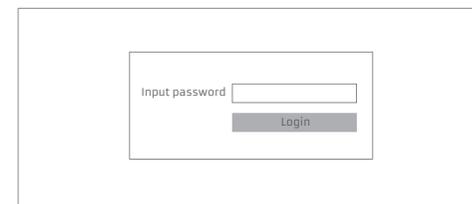
##### Connect PC by LAN

- (1) Using the LAN connection, you need to set the IP address of the TCP/IP property of the network card to 192.168.188.X (X is number of 2--252) first, so that the device and PC in the same IP segment, and set the subnet mask to 255.255.255.0, as shown in the following picture:

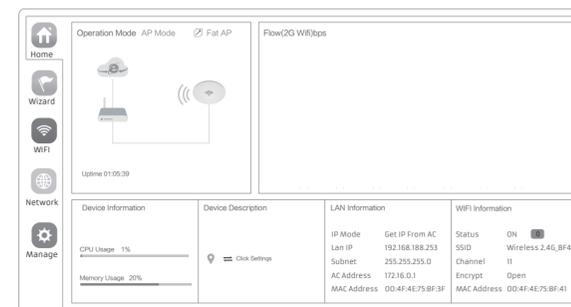


#### 4.2 AP mode

- (1) Use an Internet Browser to visit <http://192.168.188.253>, the login screen will pop up as shown in the following picture, the default login password: admin, after completing it will go to the wireless AP settings page.



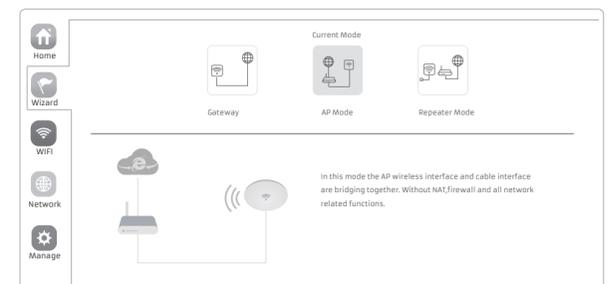
- (2) Default is FAT AP mode page, users need to click the button  at the right corner to change it to FIT AP mode if needed. The FIT AP mode is used when the AP/CPE is controlled by an AirLive Wireless Controller



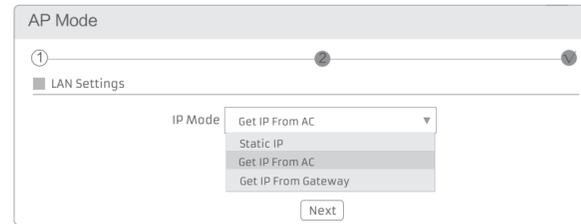
#### 3. FAT AP mode home page is as below:



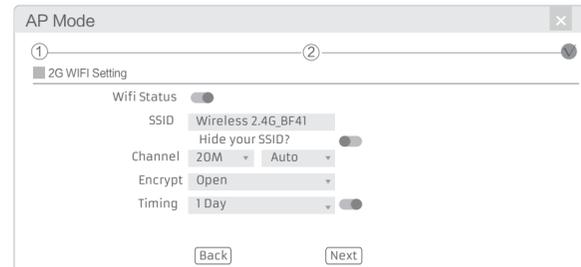
- (4) Setup Wizard page, choose your mode, AP mode is shown as the current working mode by default. Select the mode you want to use and follow the Wizard steps.



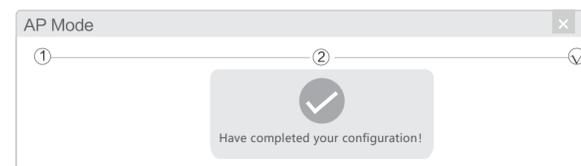
5. In AP setup page, choose "Get IP from AC" in connection type when you have a Controller or else select Gateway or Static IP, choose next step.



6. In Wifi setup page, set up as the picture shows below:



7. Setup completed



### 4.3 Internet setup and Status

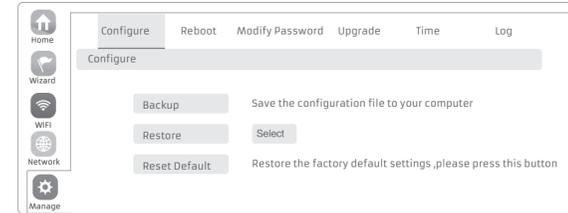
**IP settings:** After the configuration is completed, the wireless AP will restart and enter the working status you set. Then change the IP address of your computer to automatic acquisition, computer and other wireless devices can connect to the previous router via a wireless AP for wireless Internet access.

**View status:** Manually set a fix IP address for your computer to 192.168.188.X (X is number of 2-252), access into wireless AP IP address, login to view management status, as shown in the following picture.



### 4.4 Configuration Management

Users can backup, reboot and reset to factory default settings through device management menu options, together with modify the WEB login password, upgrade firmware, time synchronization and system log statistics and other functional settings.

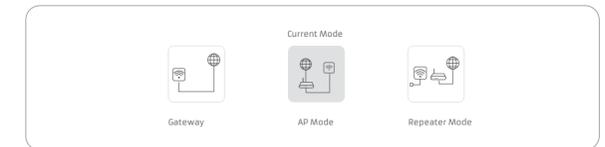


### 4.5 Wireless testing

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 (Default: 123456789), test whether you can surf the Internet.

2. Check the status of the wireless network connection, signal quality, signal speed, transmission and data rate: click on the details, check if the IP address and DNS server address, etc., obtained correctly, confirm that the device is working properly.

### 4.6 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 address to go online.

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

- **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 distinguishing between LAN and WAN.

\*The different modes are dependent on the model of AP/CPE used.

#### Operation mode setup

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 step until the settings for each operation mode are completed.

### 4.6 AirCloud

1. When using the AirLive AirCloud for the AP/CPE please make sure to use the LAN MAC address of the device when binding it to the Cloud. This is the MAC address which is on label on the back of the device. Only when using the AWOD-30AXi in Gateway mode the LAN MAC address will be different and the correct LAN MAC address would need to be copied from the AWOD-30AXi Webui.

2. To use the AirCloud the device needs to have a connection to Internet. Go to [www.airlive.com](http://www.airlive.com) and select "AirCloud" or enter directly [aircloud.airlive.com](http://aircloud.airlive.com) into your browser and setup your account. After your account has been setup you can start to bind the AP/CPE to the Cloud. In the AirCloud you will be able to setup the Wi-Fi and other settings from any location.



### Common Problem and Solution

#### Q1: Forget login name and password ?

**A1:** Reset to factory default: press the reset button for 10 seconds and release it, the device will reboot and revert to factory default settings

#### Q2: Can not Login wireless AP management through WEB page ?

**A2:** 1. Check if PC with static IP and if this IP is in the same IP segment of AP, make sure not set to other IP range.  
2. Reset AP and re-connect to AP.  
3. Make sure wireless AP IP address is 192.168.188.253 and not occupied by other devices.  
4. Check if there is something wrong with PC and Ethernet cable, recommend to use CAT 5 Unshielded Twisted cable.

#### Q3: Forget wireless network password ?

**A3:** 1. Connect AP by wired, login WEB management page-click wireless settings-basic settings-password-set a new password for wireless network.  
2. Reset it, the default password is 123456789.

#### Q4: Can not get IP Address ?

**A4:** 1. Under Gateway mode, check if DHCP server is on  
2. Under repeater and AP mode, check if upper network connection is normal, or if LAN network DHCP server is working well.

#### Q5: How to change FIT AP to FAT AP ?

**A5:** Switch FAT and FIT mode by clicking the button at right corner, then device will reboot. After rebooting, please clear cookie and then login.  
**NOTE:** Once the device is switched to FAT AP mode, AC wireless controller will not be able to manage & control it.

#### Q6: Wireless controller device list cannot get AP devices ?

**A6:** The mode for the controller and AP are different.  
**NOTE:** All the AP support both FAT and FIT AP mode, the default mode is FIT AP mode.

\*This QIG is only used for instructions and provided an accurate as we can, but we cannot make sure all the information in this QIG is correct. This QIG may be updated because of the products upgrade, we have the right to revise the QIG without any notice.

### www.airlive.com

#### Declaration of Conformity

We, Manufacturer/Importer  
**AirLive Technology Corporation**  
4F, No.132, Lane 235, Baoqian Rd., Xindian Dist.,  
New Taipei City 23145, Taiwan

Declare that the product

**Wi-Fi 5/6 Outdoor CPE:**

**AirDual-AC12, AWOD-12ACi, AWOD-30AXi**

is in conformity in accordance with 2014/30/EU and 2014/35/EU directives, including the following safety and EMC standards:

#### Regulatory Approvals

##### • CE Statement Clause

- EN 55032:2015+A1:2020+A11:2020  
Electromagnetic compatibility (EMC)
- ETSI EN 301 489-1 V2.2.3 (2019-11)  
Electromagnetic compatibility (EMC)
- Draft ETSI EN 301 489-17 V3.2.5 (2022-08)  
Electromagnetic compatibility (EMC)
- EN 55035:2017+A11:2020  
Electromagnetic compatibility (EMC)
- EN IEC 62368-1:2020+A11:2020  
Electromagnetic compatibility (LVD) - Safety
- ETSI EN 300 328 V2.2.2 (2019-07)
- ETSI EN 301 893 V2.1.1 (2017-05)
- Draft ETSI EN 302 502 V2.1.3 (2017-07)
- EN IEC 62311:2020

CE marking



##### • CE Marking Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

#### Manufacturer/Importer

Name : A van Rossem Position/ Title : Product Manager  
Place : Republic of China (Taiwan) Date : July 2023