

Dual Band 802.11be 3600Mbps Outdoor Wireless AP

WDAP-3600BE

Quick Installation Guide

Table of Contents

1. Package Contents	3
2. Physical Introduction	4
3. Hardware Installation	7
4. Connecting the AP (for Windows OS)	8
5. Wired Network Configuration (Windows 10 and Windows 11)	9
6. Entering into the Web Management.....	10
7. Wireless Network Connection	13
8. AP Discovery through PLANET NMS Controller (NMS-500/NMS-1000V).....	14
9. PLANET CloudNMS App (Android & iOS)	15
Further Information:	23

1. Package Contents

Thank you for choosing PLANET Outdoor Wireless AP. Before installation, please verify that the package contains the following items:

WDAP-3600BE	Antennas x 2	Cable tie x 2
	 2.4 GHz/5 GHz dual band	 Length: 42mm
CloudNMS App Sheet	QR Code Sheet	
		



If there is any item missing or damaged, please contact your distributor immediately.

Note



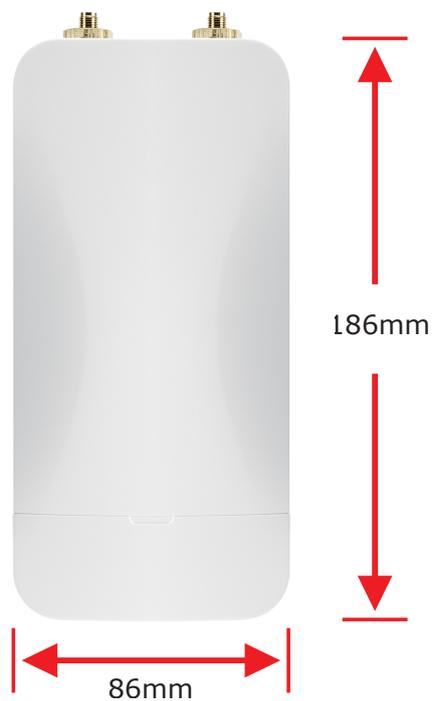
IMPORTANT SAFETY PRECAUTIONS:

- LIVES MAY BE AT RISK!** Please be aware of the electrical wires around. Carefully read the section **“OUTDOOR INSTALLATION WARNING”** in the manual before installation.
- Users **MUST** properly ground the device. Otherwise, a sudden lightning strike could cause fatal damage. Lightning/EMD damage is **NOT** covered under warranty.
- Power off the device before connecting any antennas to prevent damage.

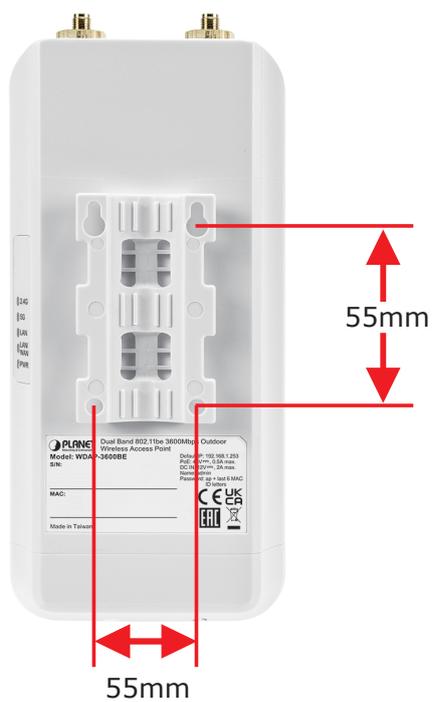
Caution

2. Physical Introduction

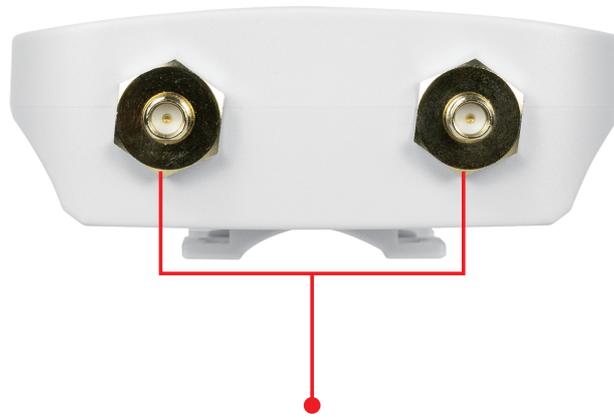
Front Side



Rear Side

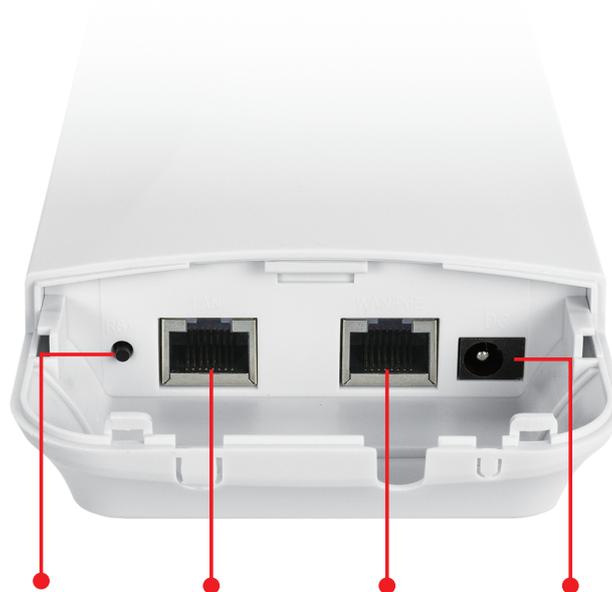


Top Side



RP-SMA Antenna Connectors

Bottom Side



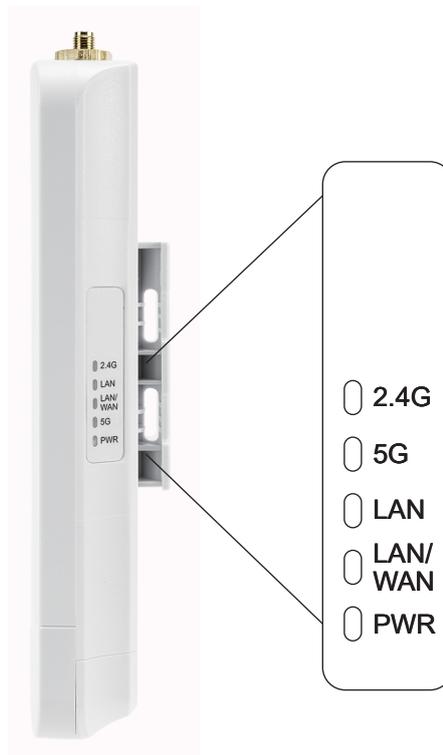
Reset Button LAN Port WAN/PoE Port 12V DC Jack



Note

Press and hold the **Reset** button for 6~10 seconds to return to the factory default setting.

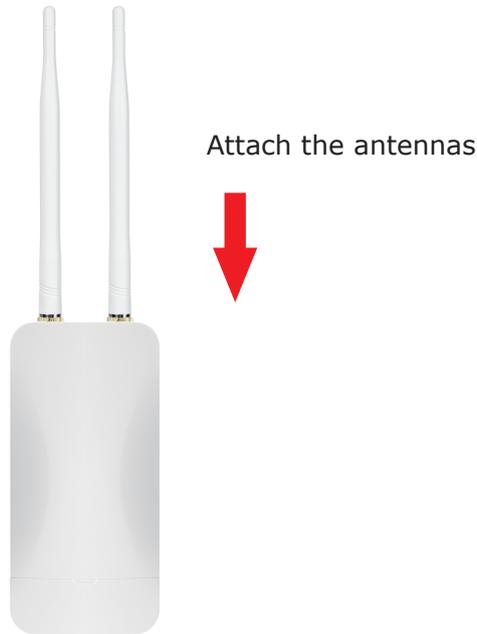
LED Indicator



LED	STATUS	FUNCTION
2.4G	On (Green)	2.4 GHz WLAN is on/traffic present.
	Off	2.4 GHz WLAN radios disabled.
LAN	On (Green)	Link established (10/100/1000 Mbps).
LAN/WAN	On (Green)	Link established (100/1000/2500 Mbps).
5G	On (Green)	5 GHz WLAN is on/traffic present.
	Off	5 GHz WLAN radios disabled.
PWR	On (Green)	The device is powered on and booting.
	Off	Power off.

3. Hardware Installation

Step 1: Attach the two RP-SMA antennas to the antenna connectors on top of the device.



- Step 2:**
- (1) Mount the unit on a pole using the provided cable ties.
 - (2) Insert the RJ45 Ethernet cable into the PoE WAN port through the backplane and tighten it securely.
 - (3) Plug the other end into a PoE+ (IEEE 802.3at End-span) switch.



- Step 3:**
- (1) (Optional) Connect a 12V DC 2A power adapter if PoE is not used.
 - (2) Power LED will light green when the device is on.

4. Connecting the AP (for Windows OS)

As the default setting of connection type of WDAP-3600BE is **DHCP**, your computer's IP address has to be the same network segment as the wireless AP. To find the IP address of the AP, use the utility of "**Smart Discovery Lite**", which can be found on PLANET official website.

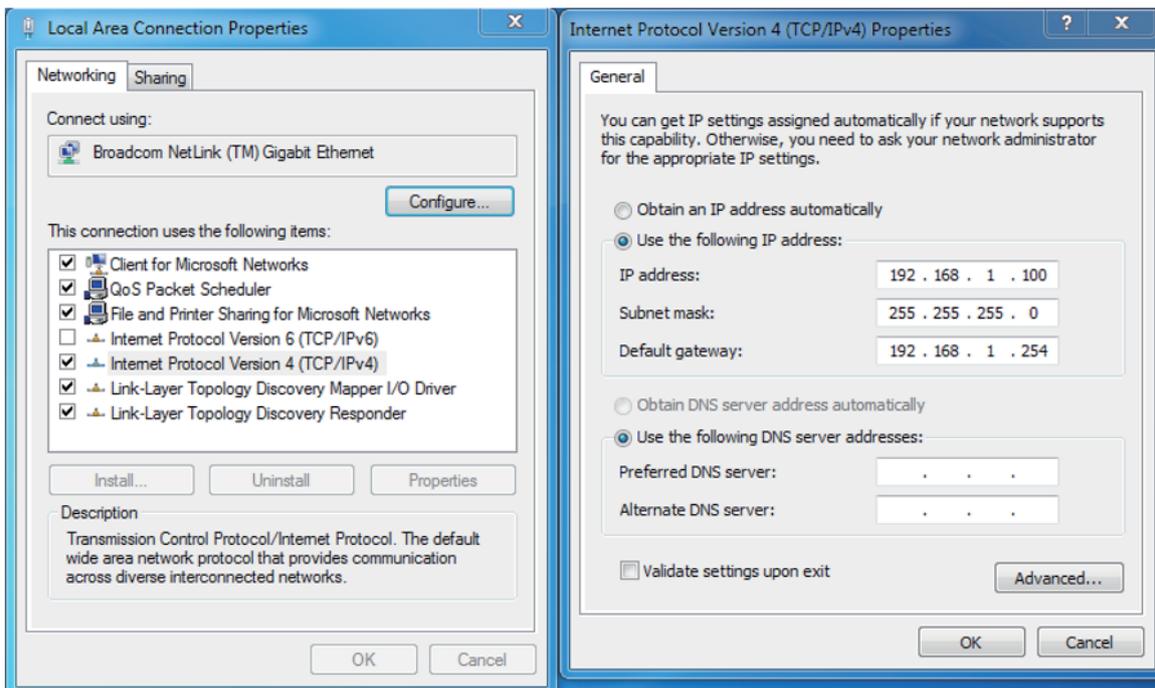
1. Launch the utility from your computer after you have downloaded and decompressed it.
2. Select your adapter to connect the AP.
3. Click the "**Refresh**" button.
4. The AP model and its IP address are shown.
5. Check whether the IP address of your adapter and the IP address of the AP are the same.
6. If yes, click "**Connect to Devices**" for the AP settings.
7. If no, go to the next page to set your wired or wireless setting.
8. If there is no DHCP server in the local network, the IP will go back to **192.168.1.253** by default after 60 seconds.

	MAC Address	Device Name	Version	DeviceIP	NewPassword	IP Address	NetMask	Gateway	Description
31	A8-F7-E1-00-02-52	GS-4210-24PL4	v4.441b250922	192.168.0.100		192.168.0.100	255.255.255.0	192.168.0.254	L2/L4 Managed PoE+
32	00-30-4F-FB-19-AF	ICF-1900	2.6.10.1580.14	192.168.3.198		192.168.3.198	255.255.255.0	192.168.3.254	PLANET ICF-1900
33	A8-F7-E0-36-00-BE	WDAP-3600BE	v1.2102b25102	192.168.3.102		192.168.3.102	255.255.255.0	192.168.3.254	Outdoor 3600BE Wire
34	A8-F7-E0-55-51-20	WDAP-C5100BE	v1.2102b25100	192.168.3.78		192.168.3.78	255.255.255.0	192.168.3.254	Indoor 5100BE Wirele
35	00-30-4F-12-12-BB	IPX-1100	v4.0.6.p4	192.168.3.242		192.168.3.242	255.255.255.0	192.168.3.254	IP PBX System
36	A8-F7-E0-25-04-18	IGS-4215-8UP4	v1.441b250925	192.168.3.20		192.168.3.20	255.255.255.0	192.168.137.1	IE L2+ Managed PoE-

5. Wired Network Configuration (Windows 10 and Windows 11)

A computer with wired Ethernet connection is required for the first-time configuration of the wireless AP.

1. Click the **“Start”** button located at the lower-left corner of your computer.
2. Click **“Control Panel”**.
3. Double-click the **“Network and Sharing Center”** icon.
4. Click **“Change adapter settings”**.
5. Double-click **“Local Area Connection”**.
6. Select **“Internet Protocol Version 4 (TCP/IPv4)”** and click **“Properties”**.
7. Select **“Use the following IP address”** and then click the **“OK”** button twice to save the configuration. For example, the default IP address of the WDAP-3600BE is **192.168.1.253** and the router is 192.168.1.254. You may choose from 192.168.1.1 to 192.168.1.252.



6. Entering into the Web Management

Default IP Address: **192.168.1.253** (The default IP address will be **192.168.1.253** if there is no DHCP server in the local network.)

Default Username: **admin**

Default Password: **ap + the last 6 characters of the MAC ID in lowercase**

Default SSID (2.4GHz): **PLANET_2.4G**

Default SSID (5GHz): **PLANET_5G**

Step 1: The Web management allows you to access and manage the wireless AP easily. Launch the Web browser and enter the default IP address **https://192.168.1.253**.



Step 2: When the following dialog box appears, please enter the default user name "admin" and password. Refer to "admin" and password. Refer to **Step 3** to determine your initial login password.

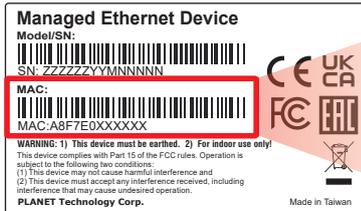


Step 3:

Default Username: **admin**

Default Password: **ap + the last 6 characters of the MAC ID in lowercase**

Find the MAC ID on your device label. The default password is "ap" followed by the last six lowercase characters of the MAC ID.



MAC ID: A8F7E0XXXXX
Default Password: apxxxxxx
("x" means the last 6 digits of the MAC address.
All characters should be in lowercase.)

Step 4: After logging in, you will be prompted to change the initial username and password to a permanent one.

The Password must contain 8 to 31 characters, including uppercase, lowercase, numerals and other symbols. Please note spaces (blanks) are not accepted.

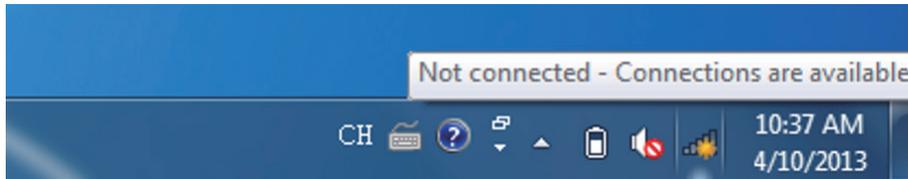
The screenshot shows the PLANET web interface for a '3600Mbps Dual Band Wi-Fi 7 Outdoor Wireless AP WDAP-3600BE'. The interface is titled 'STEP 1 - Account Modification' and features a progress bar with five steps: 1. Account, 2. Mode, 3. LAN, 4. Wireless, and 5. Completed. The 'Account' step is currently active. Below the progress bar, there are three input fields: 'Username' (containing 'admin'), 'Password', and 'Confirm Password'. A note below the fields states: 'The password must contain 8-31 characters, including upper case, lower case, numerals and other symbols'. At the bottom right, there are 'Cancel' and 'Next' buttons.

Step 5: Please follow the wizard to do the first-time setup and select the mode preferred.



7. Wireless Network Connection

Step 1: Right-click on the **network icon** displayed in the system tray.



Step 2: Highlight the wireless network (SSID) to connect and click the **[Connect]** button.



Step 3: Enter the **encryption key** of the WDAP-3600BE if necessary.

You have already finished the configuration of the WDAP-3600BE. Now you can use your smart phone, tablet, laptop, or any other Wi-Fi device to connect with it wirelessly and start surfing the internet.

8. AP Discovery through PLANET NMS Controller (NMS-500/NMS-1000V)

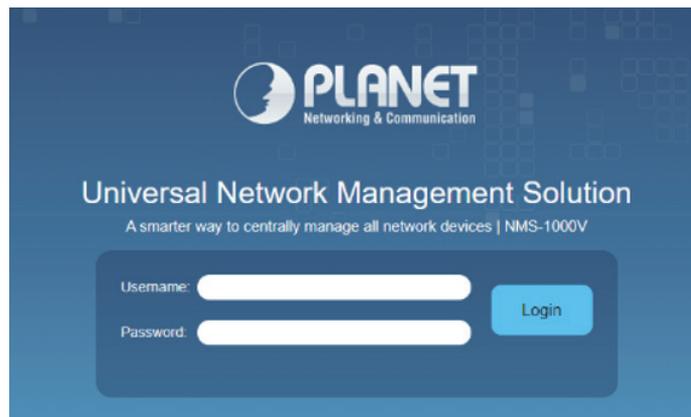
The WDAP-3600BE is the Smart AP series which can be centrally managed by PLANET NMS Controller.

Follow the steps below to discover the managed AP through PLANET NMS controller (NMS-500/NMS-1000V). Please ensure each managed AP uses a different static IP in the same subnet before physically connecting to the managed network.

*** Please regularly check PLANET website for the latest compatible list of the controller/managed APs in each firmware version.

Step 1: Launch the Web browser (Google Chrome is recommended.) and enter the default IP address <https://192.168.1.100:8888> of the NMS controller. Then, enter the default username and password **"admin"** to log on to the system.

* The secure login with SSL (HTTPS) prefix is required.



Step 2: Go to the **"Domain"** page to discover and add the managed AP to the device list. Then, you can go to the **"AP Control-> AP Management"** page to configure profiles to the managed AP without logging on to the AP's web page.

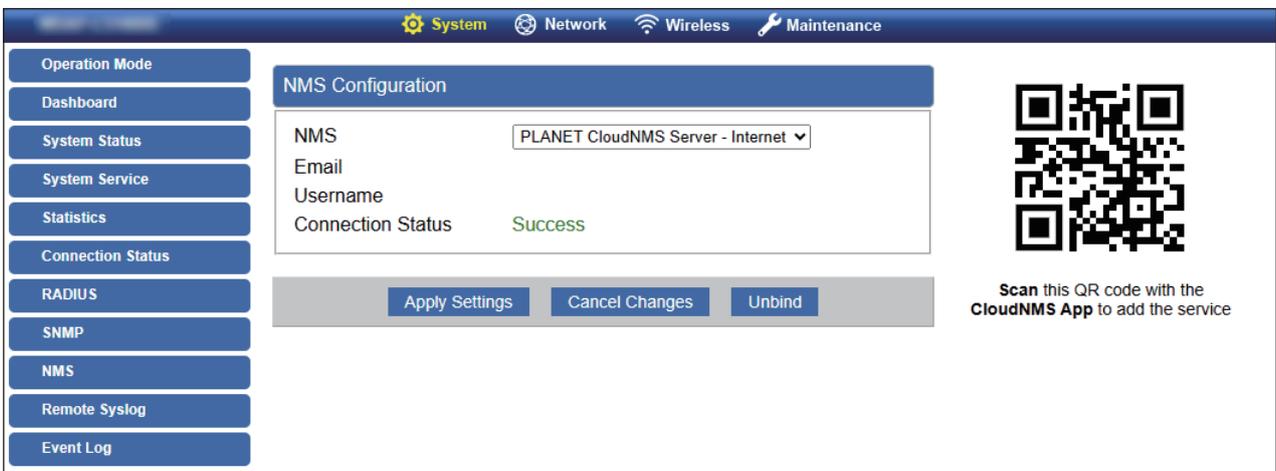
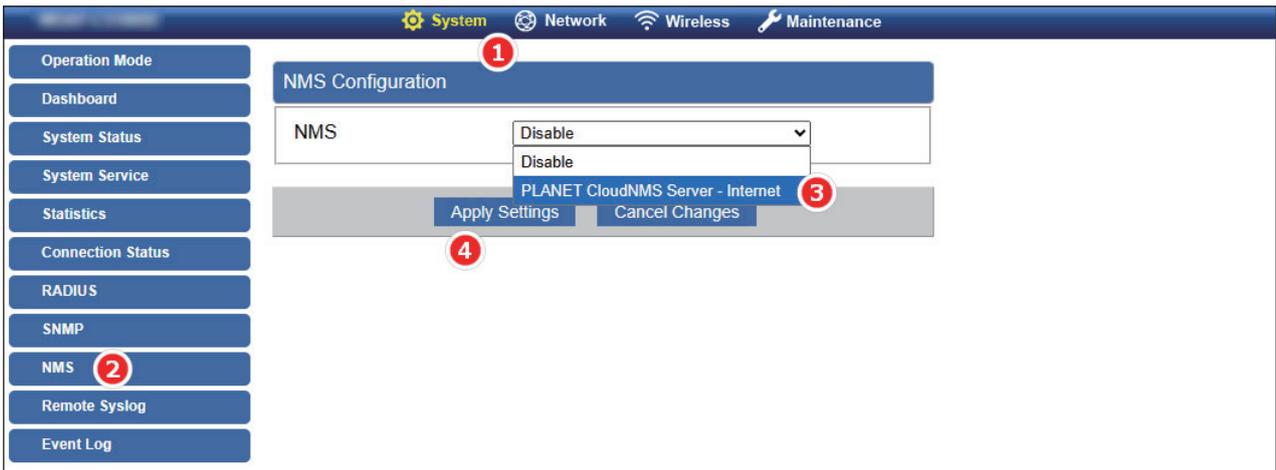
For information about further configuration of Managed AP by using PLANET Smart AP Control, refer to the configuration guide of the NMS controller (NMS-500/NMS-1000V).

9. PLANET CloudNMS App (Android & iOS)

The WDAP-3600BE is the Smart AP series which can be monitored by PLANET CloudNMS app.

Step 1: Enable the Service

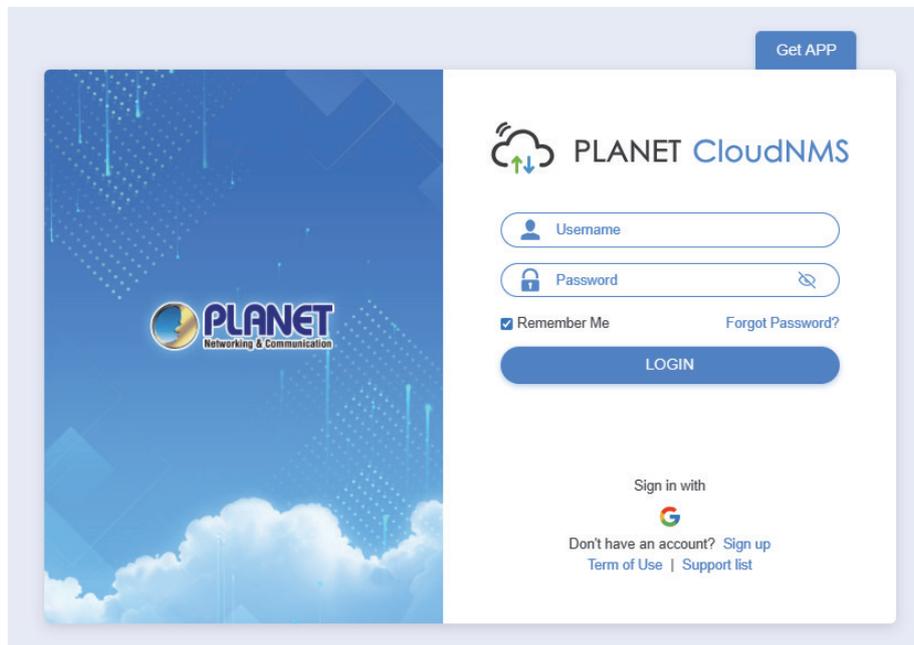
Go to the NMS Configuration page of the WDAP-3600BE and enable PLANET CloudNMS Server – Internet feature.



Step 2: Access the CloudNMS Platform

Open a browser and go to <https://www.cloudnms.planet.com.tw>, or download the PLANET **CloudNMS** App from the App Store or Google Play.

Via Web:



Via App:

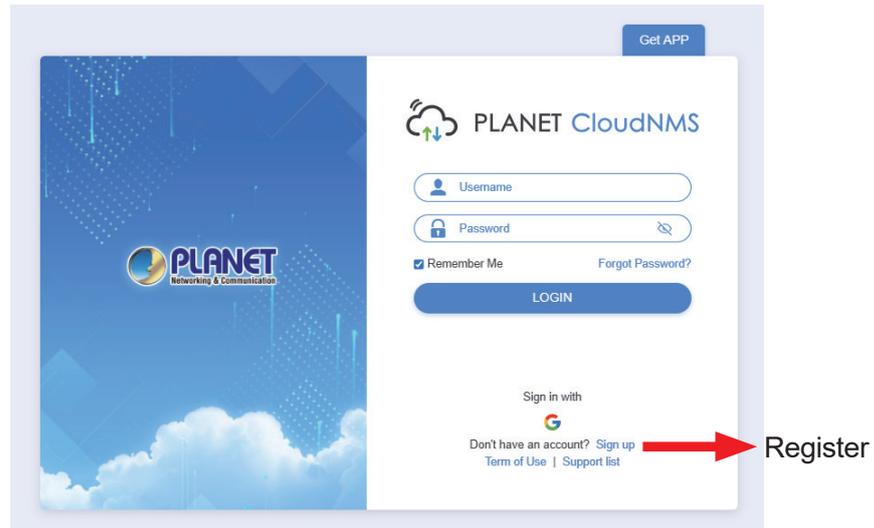


Step 3: Register an Account

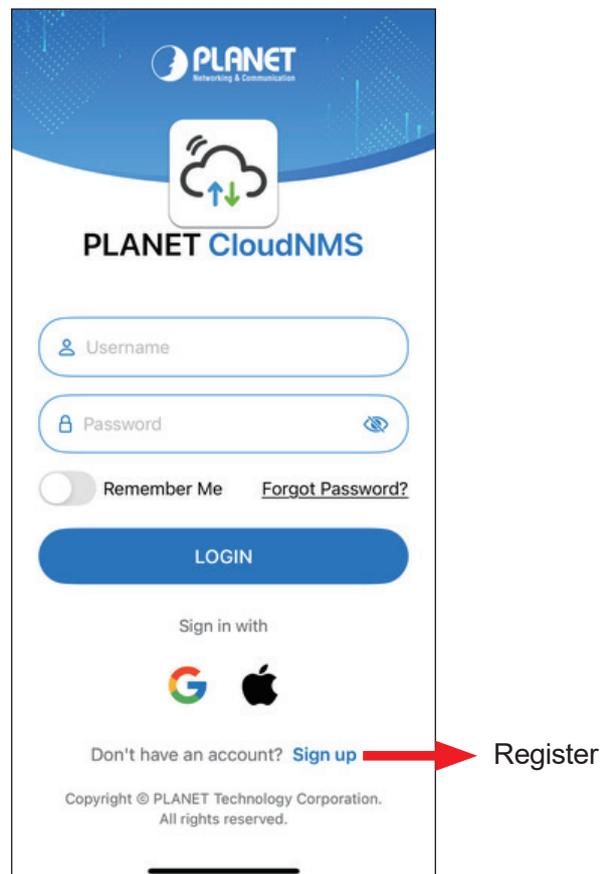
Launch the PLANET CloudNMS Platform or App, and log in with your CloudNMS account.

If you don't have an account, register one with your e-mail address first, or use SSO.

Via Web:



Via App:



Step 4: Bind the Device

Via Web:

1. Log in to the PLANET CloudNMS Platform.
2. Create an Organization and a Network for the device.
3. Enter the required device information and complete the setup wizard.

Via App:

1. Launch the PLANET CloudNMS App and sign in with your CloudNMS account.
2. Create an Organization and a Network for the device, then go to the Add Device process.
3. Enter the required device information or Scan the QR code of the device, and complete the setup wizard.

Via Web:

1. Create an Organization and a Network

Create New Organization

Create your Organization and Network

1 — 2 — 3
Create Add Completed

Organization:

Network:

Time zone:

2. Enter the required device information

Create New Organization

Add your device(s) to PLANET CloudNMS

1 Create — 2 Add — 3 Completed

+ Add 1 Devices Download Import Template Import

MAC Address	Serial Number	Name	Model
<input type="text" value="a8:f7:e0:XXXXXX"/> Format: XX:XX:XX:XX:XX:XX	<input type="text"/> Enter a 14-character serial number	<input type="text" value="Skiip"/> Enter the device name	<input type="text"/>

Auto-skip invalid devices

Back Next

3. Finish

Create New Organization

New Organization Information

1 Create — 2 Add — 3 Completed

Organization Information Devices Download Import History

Organization	PLANET		0	Switch(es)
Network	CloudNMS		1	Access point(s)
Time Zone	Asia/Taipei		0	Router(s)

Finish Setup and Go to Dashboard

Via App:

1. Create an Organization and a Network

< Back Create Organization

Step 1 / 3 : Create New Organization
Create your Organization and Network

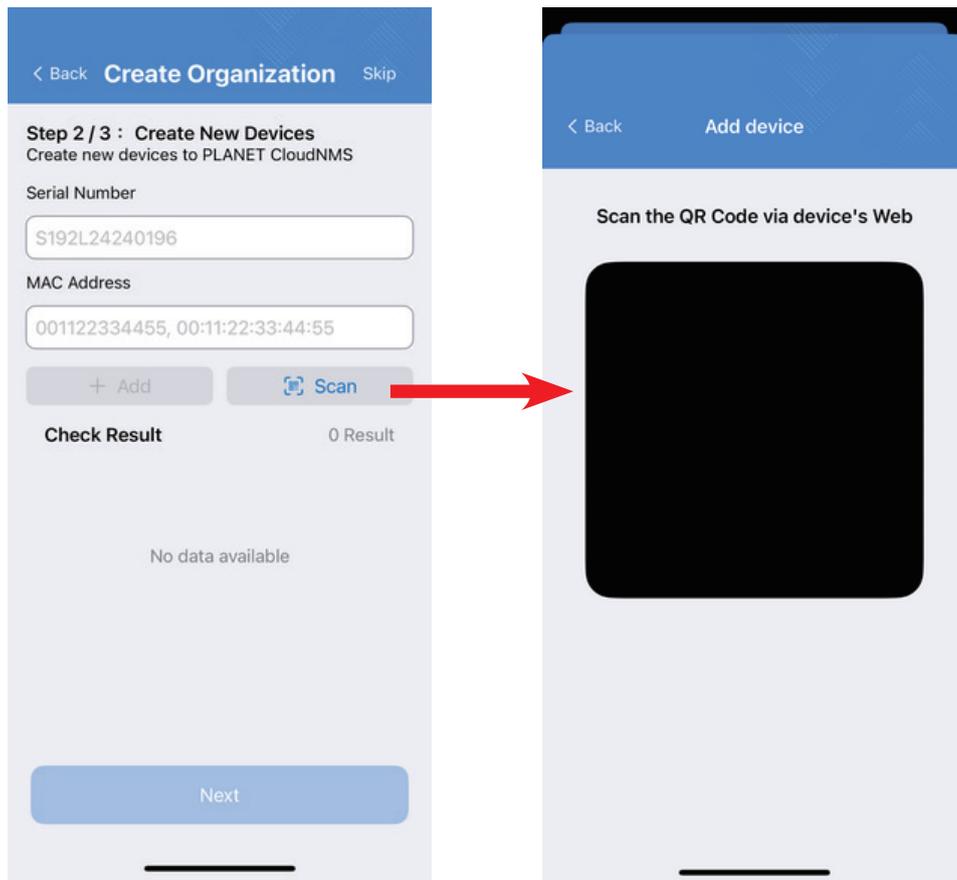
Organization
PLANET

Network
CloudNMS

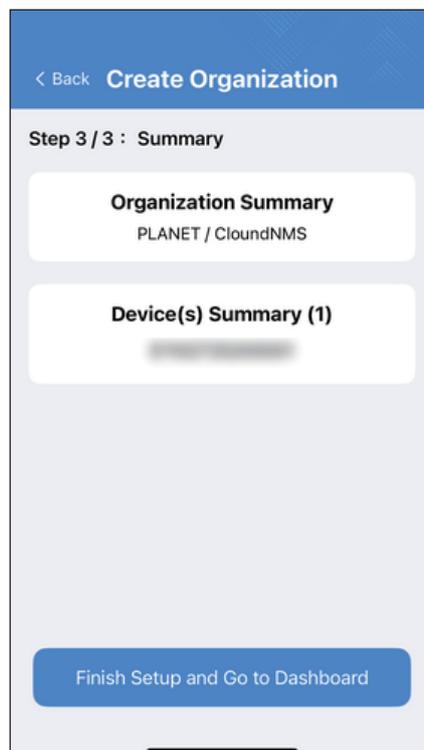
Time Zone
📍 Taiwan >
📍 Asia/Taipei >

Next

2. Enter the required device information or Scan QR code

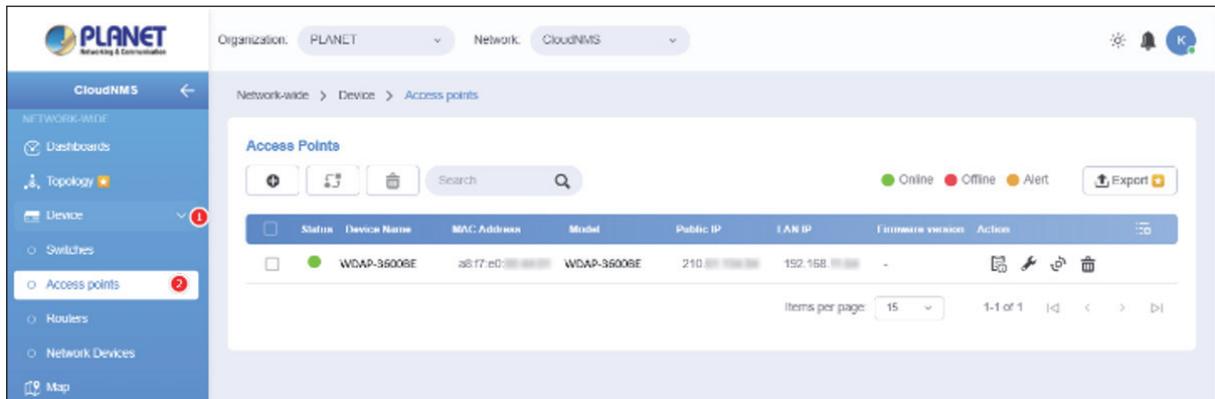


3. Finish

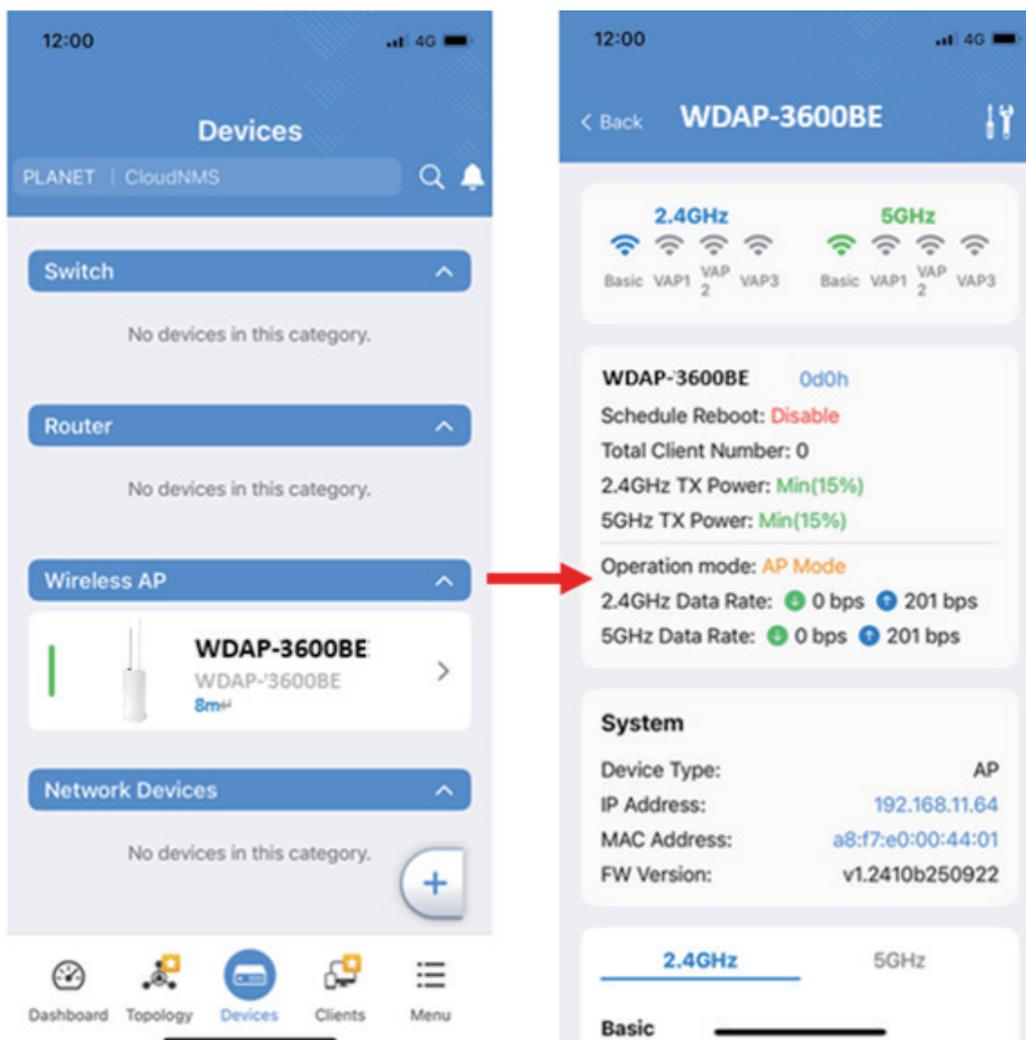


Step 5: Finish

Via Web:



Via App:



Further Information:

The above steps introduce the simple installations and configurations of the device. For further configurations, please refer to the user manual, which can be downloaded from the website.

WDAP-3600BE

<https://www.planet.com.tw/en/support/download.php?&method=keyword&keyword=WDAP-3600BE&view=3#list>



PLANET Network Management Solution (NMS):

<https://www.planet.com.tw/en/products/network-management>



If you have further questions, please contact the local dealer or distributor where you purchased this product.