Dual Band 802.11be 5100Mbps Ceiling-mount Wireless Access Point w/802.3at PoE+, 1 10/100/1000/2500T Port and 1 10/100/1000T LAN Port

WDAP-C5100BE

Quick Installation Guide

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1. Package Contents

Note

Thank you for choosing PLANET WDAP-C5100BE. Before installing the AP, please verify the contents inside the package box.

The WDAP-C5100BE should contain the following items in the package:



If there is any item missing or damaged, please contact the seller immediately.

2. Physical Introduction

Front Panel



Rear Panel



3. Hardware Installation

Step 1: Take the mounting bracket, put it on the target place by aligning the holes and fix it with the supplied screws.



Step 2: Load the device into the mounting bracket, and be sure the device is mated with fixed screws. Then, lock the device in position and plug the Ethernet cable into the WDAP-C5100BE.



Step 3: Plug the other end of the Ethernet cable into the PoE switch.



4. Connecting the AP (for Windows OS)

As the default setting of the connection type of the WDAP-C5100BE 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 setting.
- 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.

		O Refre	sh	🖹 Exit			9	PLAN Networking & Com	IET municatio
MAC Address	Device Name	Version	DevicelP	NewPassword	IP Address	NetMask	Gateway	Description	
15 A8-F7-E0-55-51-30	WDAP-C5100B	v1.2102b25032	192.168.3.157		192.168.3.157	255.255.255.0	192.168.3.254	Indoor 5100BE	Wirele
16									
17									
18									
19									
20									
Select Adap	oter: 10.1.16.5	9 (04:42:1A:B9:05	5:4F)		•	Control Pac	ket Force Broa	dcast	
	iii.	ndate Device	Lindate Mult	i Unda	te All	Connect to	Device		

Device : LCG-350W-NR (A8-F7-E0-55-53-5 Get Device Information done.

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".
- 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-C5100BE 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.

Local Area Connection Properties	Internet Protocol Version 4 (TCP/IPv4) Properties	3
Networking Sharing	General	
Connect using: Proadcom NetLink (TM) Gigabit Ethemet	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.	
Configure This connection uses the following items:	 Obtain an IP address automatically Output use the following IP address: 	
Client for Microsoft Networks Image: Client for Microsoft Scheduler Image: Client for Microsoft Scheduler Image: Client for Microsoft Networks Image: Client for Microsoft Ne	IP address: 192 . 168 . 1 . 100	
☑ ■ File and Printer Sharing for Microsoft Networks	Subnet mask: 255 . 255 . 255 . 0	
Internet Protocol Version 6 (TCP/IPv6) ▲ Internet Protocol Version 4 (TCP/IPv4)	Default gateway: 192 . 168 . 1 . 254	
Link-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder	Obtain DNS server address automatically	
	O Use the following DNS server addresses:	
Install Uninstall Properties	Preferred DNS server:	
Description	Alternate DNS server:	
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	Validate settings upon exit	
OK Cancel	OK Cancel	

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 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 <u>https://192.168.1.253</u>.

			S htt	n://102.168.1	252/		🗯 Safari File Edit View History
	0.19	2 168 1	253	p.//192.100.	×		$\bigcirc \bigcirc \bigcirc \bigcirc$
ſ	File	Edit	View	Favorites	Tools	Help	+ Shttp://192.168.1.253/

Step 2:

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: A8F7E0XXXXXX Default Password: apxxxxxx ("x" means the last 6 digits of the MAC address. All characters should be in lowercase.) **Step 3:** 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.

STEP 1 - Accourt	nt Modification				
0	2	3_		-6-	-6
Account	Mode	LAN	Wireless Connection	Wireless	Completed
Username		admin			
Password					
Confirm Password					
The password must	contain 8~31 char	acters, including upp	per case, lower case, nume	erals and other sym	nbols
					Cancel Next

Step 4: 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-C5100BE if necessary.

You have already finished the configuration of the WDAP-C5100BE. 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-C5100BE 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

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

- Step 1: Launch the Web browser (Google Chrome is recommended.) and enter the default IP address <u>https://192.168.1.100:8888</u> 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 pre-defined profiles to the managed AP without logging on to the AP's web page.

VR-300P			🔅 System	🕲 Network	Security	P VPN	AP Control	PO PoE	€ Main	tenance					A	uto Logout	u C	P
Preference												C. BANKER C.			10.1			
AP Searth	AP M	Inemegane							101	49		Apply	Filter by Context		Q	10 (100	(4)	۲
AP Management		O entre	rtline Disable															
AP Group Nanagement		Sialas	AP Group	MAC Address	Device	сТурс	Mudel No.	No.	sian		PAddez	•	Device Description	100		Acian		
SSID Profile				aB 17 aD 00 30	aŭ Wira	Ness	WDAP-G3000AX	v1.2305	6230800	51	02 16S N 1	47		V	8		¢ 1	畲
Radio 2.4GHz Profile																		

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 CloudViewerPro App (Android & iOS)

The WDAP-C5100BE is the Smart AP series which can be monitored by PLANET CloudViewerPro app.

Step 1: Download PLANET CloudViewerPro app

Get the PLANET CloudViewerPro app from the Apple App Store or Google play, or simply scan the QR code.



Step 2: Register

Launch the PLANET CloudViewerPro app and log in with your PLANET CloudViewerPro app. If you don't have an account, register an account with an e-mail address first.



Step 3: Bind Devices

- 1. Log in and go to the device **NMS** page
- 2. Select and enable the PLANET CloudViewer Server Internet function
- 3. Fill in PLANET CloudViewer account (e-mail address) and password.

VR-100	🔅 System 🗔 Netwo	ork 🏾 😯 Security 🎾 VPN 🎾 Maintenance
Wizard		
Dashboard	NMS Configuration	
System Status	NMS	2 PLANET CloudViewer Server - Internet ~
System Service	Email	sales@planet.com.tw
Statistics	Password	
Connection Status	Connection Status	Success
SNMP		
NMS		Apply Settings Cancel Changes

If CloudViewer server is connected, the connection status will show **success**.

If the server fails to connect, the connection status will show **authentication** failed.

Step 4: Log in to CloudViewerPro

After receiving a **"Success"** confirmation from your device, log in to the app again to locate your device in the list.



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-C5100BE

https://www.planet.com.tw/en/support/download. php?&method=keyword&keyword=WDAP-C5100BE&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.