

TRENDnet[®]



Quick Installation Guide

TEW-941APBO (v1.xR)

Table of Contents

1 English

1. Before You Start
2. Quick Reference
3. Hardware Installation and Configuration
(Access Point Setup)
4. Point to Point Bridge Setup and Configuration
5. Waterproof Kit Installation
6. Connecting the Grounding Wire
7. Mounting

<https://www.trendnet.com/qig/1420>



1. Before You Start

Package Contents

- TEW-941APBO
- Quick Installation Guide
- 2 x Detachable 2.4GHz 5dBi antennas
- 2 x Detachable 5GHz 5dBi antennas
- IP67 weather rated cable gland
- Mounting Hardware

Minimum Requirements

- Computer with a network port and web browser
- A network switch or router with an available network 2.5G LAN PoE+ port or 2.5G PoE+ injector
- A PoE+ Network with an available LAN port connected to an existing network with Internet access and DHCP server for automatic IP addressing (required for setup with TRENDnet Hive Cloud Management only)
- RJ-45 network cables

Optional Equipment

- TRENDnet TPE-215GI (2.5G PoE+ Injector) for supplying both power and data over Ethernet to the access point if no PoE sourcing equipment is available
- Additional access point TRENDnet TEW-941APBO or TEW-940APBO (Optional for point-to-point bridging only)
- Power drill and Phillips bit or Phillips screwdriver for mounting
- Flat head bit or screwdriver for pole mounting clamp

Note: The access point complies with the IEEE 802.3at Power over Ethernet (PoE+) standard and can be used with other 802.3at PoE+ switches or PoE+ injectors to deliver both power and data to the access point through the network LAN (PoE) port.

IMPORTANT NOTE: The device does not have a hardware reset button. When changing the administrator password in the access point configuration page, please make sure to write down your new password.

2. Quick Reference

Note: By default, the wireless network name/SSID and wireless encryption settings have been pre-configured for your convenience and can be located on the included preset wireless setting sticker or on the device label located on the back of the access point. By default, the access point web management configuration page can be accessed using the URL <http://tew-941apbo> or using the default LAN IP address <http://192.168.10.100>. At default settings and initial setup, if the access point is connected to a network with a DHCP server providing IP address settings automatically, the access point will obtain IP address settings from the network DHCP server and if no DHCP server is available, the access point will use the default IP address settings 192.168.10.100 / 255.255.255.0. and you will need to manually configure your access point with the appropriate IP address and DNS server settings for Internet access. A network router is a typical DHCP server.

Preset Wireless Settings

Wi-Fi Name/SSID

(AX/AC/N/A)

TRENDnet941_5GHz_XXXX

(AX/N/B/G)

TRENDnet941_2.4GHz_XXXX

Wi-Fi Password

941XXXXXXXXX

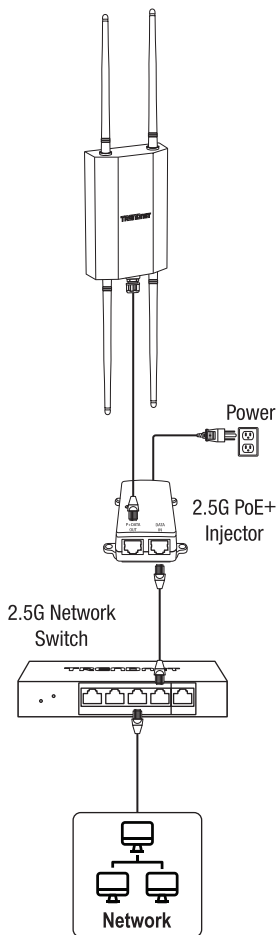
Management Login

<http://tew-941apbo>

username: admin

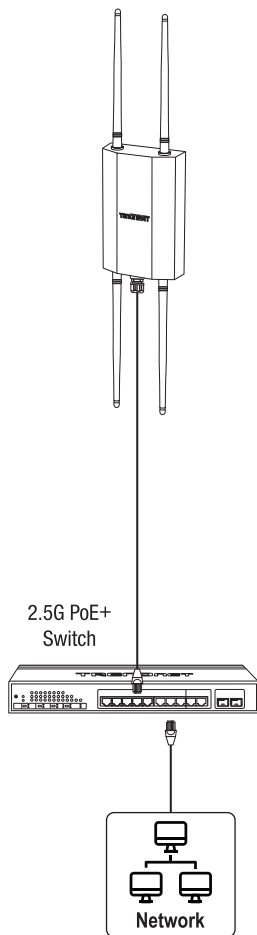
password: admin

TEW-941APB0



TEW-941APB0

OR

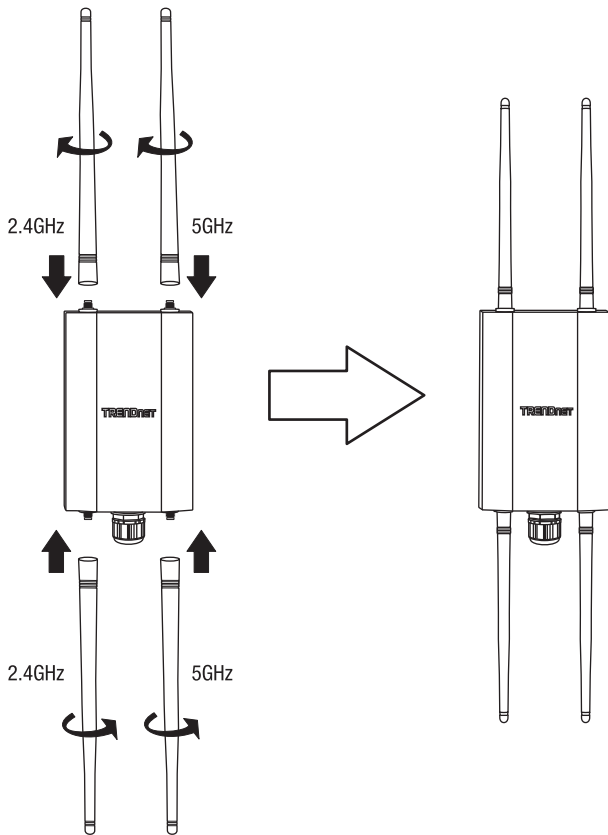


3. Hardware Installation and Configuration (Access Point Setup)

ENGLISH

FRANÇAIS

ESPAÑOL



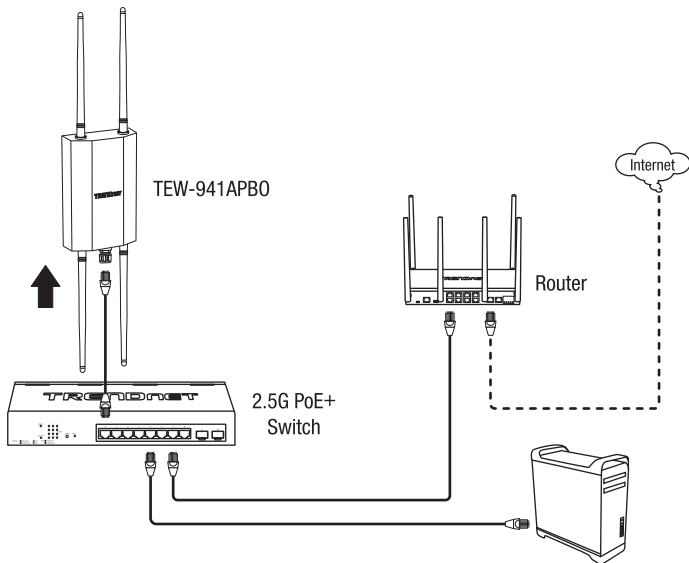
If you are configuring the access point to be managed from your existing TRENDnet Hive cloud account, please follow the steps in **SECTION A**. If you are configuring the access point for local network management only, please follow the steps in **SECTION B**.

SECTION A: Configuring the access point with TRENDnet Hive Cloud Management

Configuration with TRENDnet Hive Cloud Management requires an existing network with Internet access and DHCP server for automatic IP addressing. The access point must be configured to reach the Internet in order to connect to your TRENDnet Hive Management account.

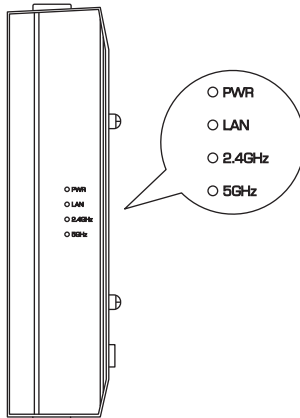
It is strongly recommended to configure the access point first before mounting.

1. Connect an Ethernet/network cable to your PoE+ switch and to your access point.
2. Connect an Ethernet/network cable to your computer and one of the PoE+ switch ports.
3. Connect another Ethernet/network cable to one of the PoE+ switch ports and your existing network with a Internet access and DHCP server for automatic IP addressing.

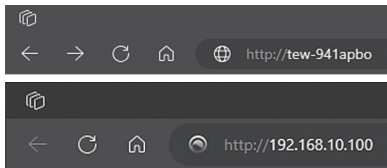


4. The PWR, LAN, 2.4GHz, 5GHz LEDs will turn on to indicate that the access point is ready.
Please refer to the LED definition table below.

LED	Status	Description
PWR	Blinking	Device boot up
	Solid Green	Device is operating normally
LAN	Solid Green	2.5G Data link established
	Solid Orange	1G Data link established
	Blinking	Data transmission
2.4GHz	Solid Green	2.4GHz radio is enabled
	Blinking	Data transmission
5GHz	Solid Green	5GHz radio is enabled
	Blinking	Data transmission

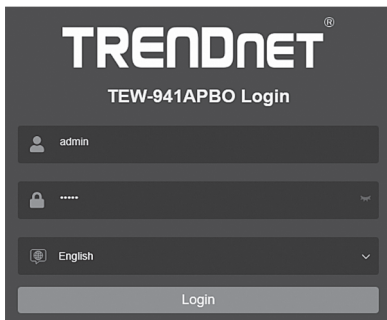



5. Open your web browser, type the default URL `http://tew-941apbo` or default IP address `http://192.168.10.100` of the wireless access point in the address bar and then press **Enter**.

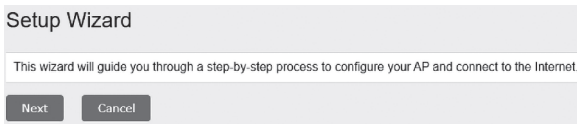


6. Select your language from the Language drop-down list and enter the **User name** and **Password**, and then click **Login**. By default:

- User Name: **admin**
- Password: **admin**



7. Click **Next** on the **Setup Wizard**. If the setup wizard does not appear, click the setup wizard button  in the top right section of the access point management page to access the setup wizard.



8. You can change the access point administrator password by typing in the new password in the fields provided, then click **Next**. If entering a new password, please note that you will need to use the new password when logging into the access point management page for local access management moving forward.

IMPORTANT NOTE: The device does not have a hardware reset button. When changing the administrator password in the access point configuration page, please make sure to write down your new password.

Setup Wizard

Step 1: Change your login credentials

Username

Password (Maximum length is 20)

Confirm Password

Previous Next Cancel

9. For the method of management, select **TRENDnet Hive**. After selecting **TRENDnet Hive**, click **Next**. Configuration with TRENDnet Hive Cloud Management requires an existing network with Internet access and DHCP server for automatic IP addressing. The access point must be configured to reach the Internet in order to connect to your TRENDnet Hive Cloud Management account. If the access point is unable to obtain IP address settings and DNS from the DHCP server and unable to reach the Internet, registration of the access point to your TRENDnet Hive cloud management account will fail.

Setup Wizard

Step 2: Select the method of management for this AP

TRENDnet Hive: Choose this option if you would like to manage your AP through TRENDnet's Cloud Management. This option will automatically apply a DHCP reservation (Dynamic IP Address) to your AP. Note: You will need a TRENDnet Hive account with a valid license to complete setup with this process. Choosing this option will prompt an immediate re-login to the device management page.

Default Management: Choose this option if you would like to manage your AP through the local GUI. You may opt in to use TRENDnet Hive at a later date. Please note, by default the AP is configured to automatically obtain IP address settings from a DHCP server connected to your network. If there is no DHCP server available, the IP address of the AP will be set to 192.168.10.100 (255.255.255.0).

Previous Next Cancel

10. Select your **Time Zone**, then click **Next**.

Setup Wizard

Step 3: Date/Time Settings

Current Time Thu Jun, 1, 2023 00:25:02

Time Zone GMT-08:00 Pacific Time (US&Canada), Tijuana

Previous Next Cancel

11. Enter the user account credentials for your TRENDnet Hive Cloud Management account to register the access point with your account, then click **Next**.

Setup Wizard

Step 4: Input your Hive credentials to sync the AP to your Hive account.

User Name	XXXXXXXXXX
Password	XXXXXXXXXX

Previous Next Cancel

12. The summary page will display all of the configuration settings that were applied through the setup wizard. Click **Apply** to complete the setup wizard. Please note the new password and IP settings for local access management to the access point.

Setup Wizard

System Information

Write down the below information and store it in a safe place. The below information are the current settings that will be applied to the AP. Click **Apply** below to finalize the settings.

System Time	Tue Oct 3, 2023 12:12:21
Username	admin
Password	XXXXXX
IP Address	192.168.10.122
Subnet Mask	255.255.255.0
Gateway IP Address	192.168.10.254
DNS	192.168.1.249

Previous Apply Cancel

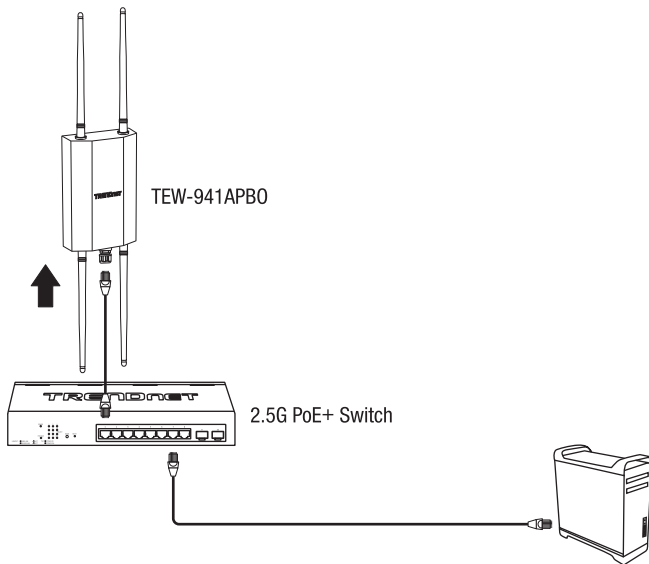
13. To verify the access point is now successfully registered with your TRENDnet Hive Cloud Management account, the Hive button in the top right will be green to indicate successful registration.



SECTION B: Configuring the access point for local network management

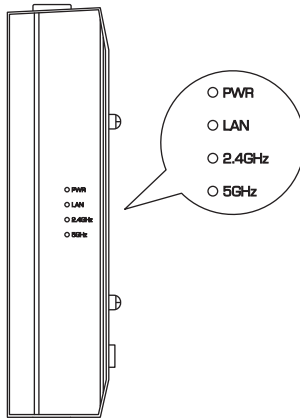
It is strongly recommended to configure the access point first before mounting.

1. Connect a network cable from a PoE+ switch to your access point.
2. Connect an Ethernet/network cable to your computer and one of the PoE+ switch ports.



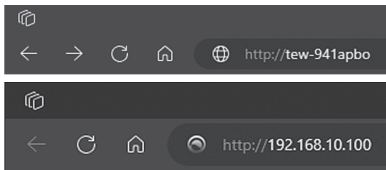
3. The PWR, LAN, 2.4GHz, 5GHz LEDs will turn on to indicate that the access point is ready.
Please refer to the LED definition table below.

LED	Status	Description
PWR	Blinking	Device boot up
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LAN	Solid Green	2.5G Data link established
	Solid Orange	1G Data link established
	Blinking	Data transmission
2.4GHz	Solid Green	2.4GHz radio is enabled
	Blinking	Data transmission
5GHz	Solid Green	5GHz radio is enabled
	Blinking	Data transmission



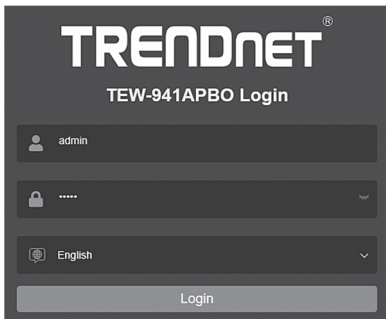
4. Assign a static IP address to your computer's network adapter in the subnet of 192.168.10.x (e.g. 192.168.10.25) and subnet mask of 255.255.255.0. For more information on assigning a static IP address to your computer's network adapter, please refer to item Q1 in the last section of the installation guide, Installation Tips and Troubleshooting.


5. Open your web browser, type the default URL `http://tew-941apbo` or default IP address `http://192.168.10.100` of the wireless access point in the address bar and then press **Enter**.

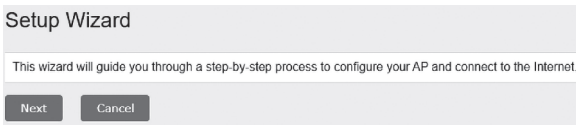


6. Select your language from the Language drop-down list and enter the **User name** and **Password**, and then click **Login**. By default:

- User Name: **admin**
- Password: **admin**



7. Click **Next** on the **Setup Wizard**. If the setup wizard does not appear, click the setup wizard button  in the top right section of the access point management page to access the setup wizard.



8. You can change the access point administrator password by typing in the new password in the fields provided, then click **Next**. If entering a new password, please note that you will need to use the new password when logging into the access point management page for local access management moving forward.

IMPORTANT NOTE: The device does not have a hardware reset button. When changing the administrator password in the access point configuration page, please make sure to write down your new password.

Setup Wizard

Step 1: Change your login credentials

User Name

Password (Maximum length is 20)

Confirm Password

Previous Next Cancel

9. For the method of management, select **Default Management**, click **Next**.

Setup Wizard

Step 2: Select the method of management for this AP

TRENDnet Web: Choose this option if you would like to manage your AP through TRENDnet's Cloud Management. This option will automatically apply a DHCP connection (Dynamic IP Address) to your AP. Note: You will need a TRENDnet Web account with a valid license to complete setup with this process. Choosing this option will prompt an immediate re-login to the device management page.

Default Management: Choose this option if you would like to manage your AP through the local GUI. You may opt in to use TRENDnet Web at a later date. Please note, by default the AP is configured to automatically obtain IP address settings from a DHCP server connected to your network. If there is no DHCP server available, the IP address of the AP will be set to 192.168.18.100(255.255.255.0).

Previous Next Cancel

10. Configure the access point date and time settings, click **Next**.

Setup Wizard

Step 3: Date/Time Settings

Current Time Tue Oct, 3, 2023 11:17:23

Date Settings Year: 2023 Month: Jun Day: 01

Time Settings Hour: 00 Minutes: 00 Second: 00

Previous Next Cancel

11. Configure the access point IP address, subnet mask, gateway IP address, and DNS settings to match the requirements of your existing network using the fields provided, then click **Next**.

Note: This step will configure static IP address settings on your access point. If the access point IP address settings are changed to a different IP network subnet such as 192.168.1.x, 192.168.2.x, etc. your computer's network adapter settings will need to be changed to match the new IP address settings configured on the access point in order to access the access point management page.

Setup Wizard

Step 4: Input your IP settings in the fields below

IP Address	192.168.10.192
Subnet Mask	255.255.255.0
Gateway IP Address	192.168.10.254
DNS1	192.168.1.249
DNS2	1.1.1.1

12. The summary page will display all of the configuration settings that were applied through the setup wizard. Click **Apply** to complete the setup wizard. Please note the new password and IP settings for local access management to the access point.

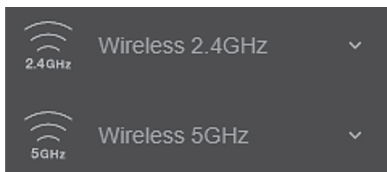
Setup Wizard

System Information

Write down the above information and store it in a safe place. The below information are the current settings that will be applied to the AP. Click **Apply** below to finalize the settings.

System Time	Tue Oct, 3, 2023 11:17:24
User Name	admin
Password	*****
IP Address	192.168.10.192
Subnet Mask	255.255.255.0
Gateway IP Address	192.168.10.254
DNS1	192.168.1.249
DNS2	1.1.1.1


13. To configure your wireless network name/SSID and wireless encryption settings, click the wireless band you would like to configure **Wireless 2.4GHz** or **Wireless 5GHz** and click on **Wireless Network**. By default, the wireless network name/SSID and wireless encryption have been pre-configured for your convenience and can be located on the included wireless settings sticker or on the device label located on the back of the access point. If you are modifying the wireless settings, you will need to connect to the access point with your WiFi client using the new settings.



14. In the **Current Profiles**, in the first entry, you can enter a new **SSID**, change the **Security Mode** and **WiFi Password**. Click **Apply** at the bottom of the page.

Current Profiles					
Index	Status	SSID	Security Mode	Password	Edit / Add
1	Enabled	TRENDnetS41_2_4GHz_ABP0	WPA2-PSK/WPA3-SAE Mixed AES		Edit

15. In the top right main menu, click on the **Save button**  to commit the configuration changes.

Important Note: Configuration changes in the access point web management page are not applied until you click the **Save button** . This allows you to make multiple configuration changes and apply multiple changes all at the same time. Additionally, you can click the **Save** button on the left side to view pending unsaved configuration changes.

16. After you have completed the access point configuration, reconfigure your computer's network adapter back to the original settings to obtain IP address settings automatically using DHCP, or enter the IP settings.

For more information on reconfiguring your computer's network adapter to obtain IP address settings automatically using DHCP, please refer to item Q2 in the last section of the installation guide, Installation Tips and Troubleshooting.

4. Point to Point Bridge Setup and Configuration

Note:

1. The initial configuration should be completed in a testing environment with the TEW-941APB0 and additional access point TEW-941AP0 or TEW-940APB0 approximately 15ft. (5 m) apart from one another. If using the TEW-940APB0 directional access point, the front panel should be directly facing the TEW-941APB0.
2. It is strongly recommended to configure and connect the access points before mounting.
3. In this example, we will configure the TEW-941APB0 5GHz Wireless settings and configure an additional TEW-941APB0 or TEW-940APB0 to create a wireless bridge to the first access point on the 5GHz Wireless band.

Phase 1: Overview

In this installation guide, we will assume the following:

Router Settings

Default Gateway IP address: 192.168.10.1

Subnet Mask: 255.255.255.0

TEW-941APB0 #1

IP Address: 192.168.10.50

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.10.1

Primary DNS: 1.1.1.1

Operation Mode: Access Point

Wireless Security: WPA3-SAE AES Encryption

TEW-941APB0 #2 or TEW-940APB0

IP Address: 192.168.10.51

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.10.1

Primary DNS: 1.1.1.1

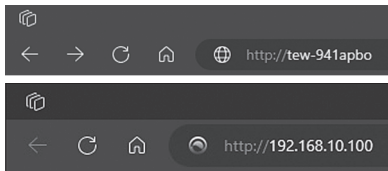
Operation Mode: Client Bridge

Wireless Security: WPA3-SAE AES Encryption

Phase 2: Configure the TEW-941APBO #1 Settings

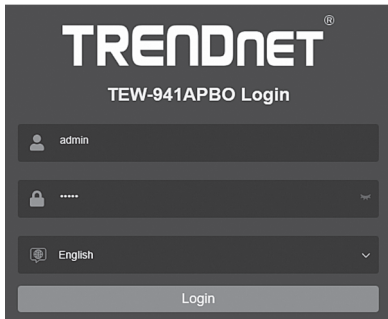
Note: The predefined wireless configuration settings may be used found on the included wireless sticker, device label, or follow the configuration steps to below to manually configure a specific wireless SSID and password for the wireless bridge.

1. Open your web browser, type the default URL `http://tew-941apbo` or default IP address `http://192.168.10.100` of the wireless access point in the address bar and then press **Enter**.

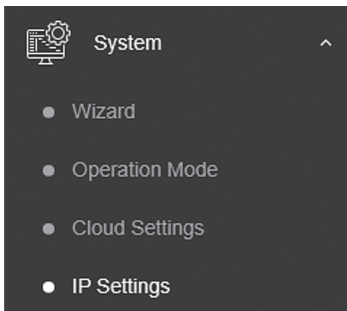


2. Select your language from the Language drop-down list and enter the **User name** and **Password**, and then click **Login**. By default:

- User Name: **admin**
- Password: **admin**



3. In the left navigation menu, click **System** and **IP Settings**.

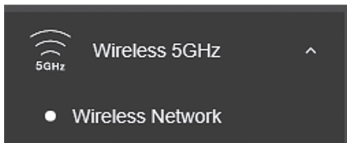


4. Click the **Connection Type** drop-down list and select **STATIC**, and enter the IP Address **192.168.10.50**, Subnet Mask **255.255.255.0**, Default Gateway **192.168.10.1**, and Primary DNS Server **1.1.1.1**, then click **Apply**.

Note: You will need to log back into the access point management page using the new IP address settings.

LAN Connection Type	
Connection Type	STATIC
LAN Interface Setting	
IP Address	192.168.10.50
Subnet Mask	255.255.255.0
Default Gateway	192.168.10.1
DNS Server Setting	
Primary DNS Server	1.1.1.1
Secondary DNS Server	
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

5. In the left navigation menu, click **Wireless 5GHz** and **Wireless Network**.



6. For the first entry that pre-configured, click **Edit** in the right column.

Current Profiles					
Index	Status	SSID	Security Mode	Password	Edit / Add
1	Enabled	TRENDnet941_5GHz_ABP0	WPA3-Personal Mixed AES		Edit

7. At the top under Wireless Settings, you can change the default SSID in the **SSID** field.

Note: Please note the SSID as it will be needed to connect the second access point to create the wireless bridge.

Wireless Settings	
SSID	TRENDnet941_5GHz_ABP0

8. Under the Wireless Security section, click the drop-down to select the wireless security mode to use.

Note: For general wireless client device compatibility, it is recommended to use WPA3-Personal Mixed AES. For wireless bridging with an additional TEW-941APBO or TEW-940APBO, it is recommended to use the highest supported WPA3-Personal AES.

Wireless Security	
Security Mode	WPA3-Personal Mixed
WPA	<ul style="list-style-type: none"> Disabled WPA2-Personal WPA2-Personal Mixed WPA3-Personal WPA3-Personal Mixed
WPA Cipher	<ul style="list-style-type: none"> TKIP WPA-Enterprise WPA2-Enterprise WPA2-Enterprise Mixed 3600
Pre-Shared Key	
Key Update Interval	3600 Seconds

9. Enter the WiFi Password or Pre-Shared Key in the **Pre-Shared Key** field and click **Apply** at the bottom of the page. (8-63 alphanumeric characters)

Note: Please make note of the WiFi password or pre-shared key assigned as it will be used for the configuration of the second access point to make the wireless bridge.

WPA	
WPA Cipher	AES
Pre-Shared Key	*****
Key Update Interval	3600 Seconds
<input type="button" value="Apply"/>	

10. In the top right main menu, click on the **Save button**  to commit the configuration changes.

Phase 3: Configure the TEW-941APBO #2 or TEW-940APBO Settings

When configuring the second TEW-941APBO access point or TEW-940APBO, repeat 1-3 of the steps in Phase 2: Configure the TEW-941APBO #1 Settings.

1. In Step 4, click the **Connection Type** drop-down list and select **STATIC**, and enter the IP Address **192.168.10.51**, Subnet Mask **255.255.255.0**, Default Gateway **192.168.10.1**, and Primary DNS Server 1.1.1.1, then click **Apply**.

Note: You will need to log back into the access point management page using the new IP address settings.

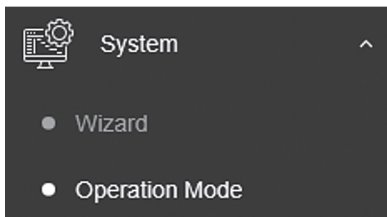
LAN Connection Type	
Connection Type	STATIC

LAN Interface Setting	
IP Address	192.168.10.51
Subnet Mask	255.255.255.0
Default Gateway	192.168.10.1

DNS Server Setting	
Primary DNS Server	1.1.1.1
Secondary DNS Server	

Apply Cancel

2. In the left navigation menu, click **System** and **Operation Mode**.



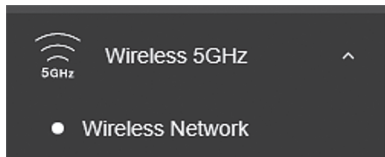
3. Click Operation Mode drop-down list and select **Client Bridge**, then click **Apply**.

Note: If using the TEW-940APB0, the field will be named 5GHz Operation Mode.

Device Name : TEW-940APB0

5GHz Operation Mode Client Bridge

4. In the left navigation menu, click **Wireless 5GHz** and **Wireless Network**.



5. In the Wireless Network section, click on **Site Survey**.

Wireless Network

Wireless Mode 802.11 ax

SSID TRENDnet940_5GHz_C166

Preferred BSSID Enabled

88:DC:97:1C:C1:67

6. In the Site Survey list, find the SSID configured on the first access point TEW-941APB0 and select it by clicking on the entry.

SSID	BSSID	Channel	Signal Level	Type	Security	Mode
TRENDnet1_5GHz_A9F0	4C:13:8E:6A:6F:2	48	-25 dbm	11AC/H260	WPA3-SAE-Mixed	AP
TRENDnet1_5GHz_B628	D8:69:97:EC:CB:82	148	-75 dbm	11AC/HT80	WPA2-PSK	AP
TRENDnet3_5GHz_24D6	08:69:97:33:8A:C3	157	-27 dbm	11AC/HT80	WPA2-PSK	AP

7. The details of the selected SSID will be entered in to the wireless section automatically. Under the Wireless Security section under WPA, enter the **Pre-Shared Key** configured on the first access point and click **Apply**.

The screenshot shows a configuration interface with three main sections: Wireless Network, Wireless Security, and WPA. The Wireless Network section includes fields for Wireless Mode (802.11 ac), SSID (TRENDnet941_SGH_A6F0), Preferred BSSID (Enabled), and a Preferred BSSID field (AC:13:65:04:A6:F2). A note below this section reads: "Note: Enter the SSID/Wireless Network Name of the wireless network you would like to connect to in the field below or click Site Survey to scan for the available wireless networks to connect." The Wireless Security section shows Security Mode set to WPA3-Personal Mixed. The WPA section shows WPA Cipher set to AES and a Pre-Shared Key field with a masked key. At the bottom are Apply and Cancel buttons.

Wireless Network	
Wireless Mode	802.11 ac
SSID	TRENDnet941_SGH_A6F0 Site Survey
Preferred BSSID	Enabled
	AC:13:65:04:A6:F2
<small>Note: Enter the SSID/Wireless Network Name of the wireless network you would like to connect to in the field below or click Site Survey to scan for the available wireless networks to connect.</small>	
Wireless Security	
Security Mode	WPA3-Personal Mixed
WPA	
WPA Cipher	AES
Pre-Shared Key
Apply Cancel	

8. In the top right main menu, click on the **Save button**  to commit the configuration changes.

Phase 4: Confirm Connectivity

1. Leave your computer connected to TEW-941APBO #2 or TEW-940APBO and keep the access point configuration page open.
2. Make sure both TEW-941APBO #1 and TEW-941APBO #2 access points are powered on approximately 15 ft. (5 m) apart from one another.

TEW-941APBO #1



TEW-941APBO #2



15 ft. (5m)

3. To verify connectivity, in the TEW-941APB0 #2 or TEW-940APB0 access point configuration page, click **Management** and click **Diagnostics**. Under the Ping Test Parameter section, enter the **IP Address** of the TEW-941APB0 #1, 192.168.10.50, then click **Ping**.

Ping Test Parameter	
IP Address	192.168.10.50
Packet Length	64
Number of Pings	4

Ping

4. Ping replies and 0% packet loss will indicate a successful point to point bridge connection between the TEW-941APB0 #1 and TEW-941APB0 #2 or TEW-940APB0 access points.

Note: If the connectivity test fails, wait for about 1 minute and try again. Make sure there are no obstacles between the two access points when running the connectivity test and make sure the access points are not too close together.

Diagnostics Result

```

PING 192.168.10.50 (192.168.10.50): 64 data bytes
72 bytes from 192.168.10.50: seq=0 ttl=64 time=4.873 ms
72 bytes from 192.168.10.50: seq=1 ttl=64 time=4.072 ms
72 bytes from 192.168.10.50: seq=2 ttl=64 time=4.104 ms
72 bytes from 192.168.10.50: seq=3 ttl=64 time=4.136 ms
--- 192.168.10.50 ping statistics ---
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max = 4.072/4.296/4.873 ms
  
```

5. Waterproof Kit Installation

Note: The waterproof kit can only be installed with non-terminated Ethernet cabling. The Ethernet cable can be properly terminated after installing the waterproof kit.

1. Unscrew the sealing nut from the main body of the access point.
2. Separate the rubber seal from the claw.
3. Verify that you have the following parts:



Cable Gland



Seal

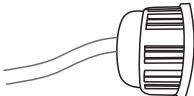


Claw



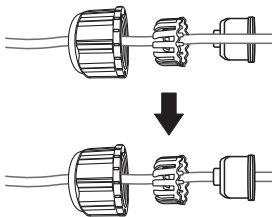
Sealing Nut

4. Insert one end of an Ethernet cable into the sealing nut.

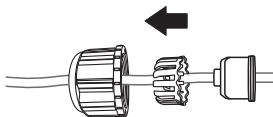


5. Insert the Ethernet cable into the seal.

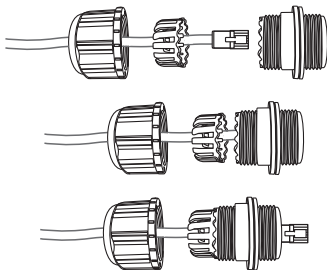
Note: After the non-terminated Ethernet cable is installed through the sealing nut, claw and seal, the cable may be properly terminated.



6. Insert the seal into the claw.



7. Insert the seal/rubber claw into the Cable Gland.



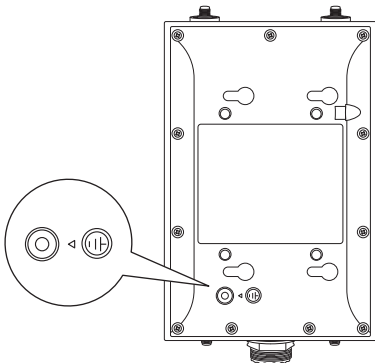
8. Connect the Ethernet cable to the 2.5G LAN PoE+ port on the bottom of the access point.

9. By hand, screw the main body counter clockwise to secure it to the access point.

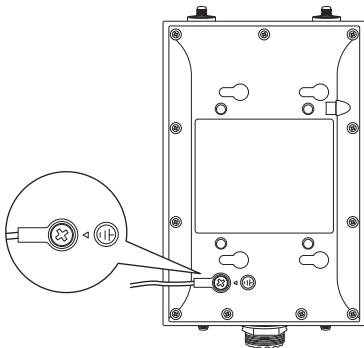
10. By hand, screw the seal nut clockwise to secure it to the main body.

6. Connecting the Grounding Wire

1. Identify the grounding point on the back of the access point.



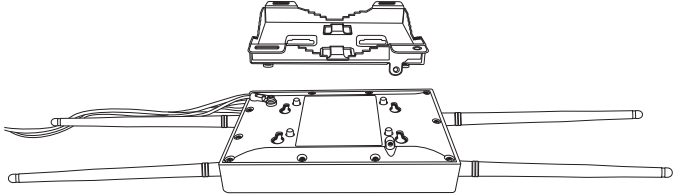
2. Align one end of the grounding wire over the grounding point and secure the grounding wire with the provided screw and washers turning clockwise



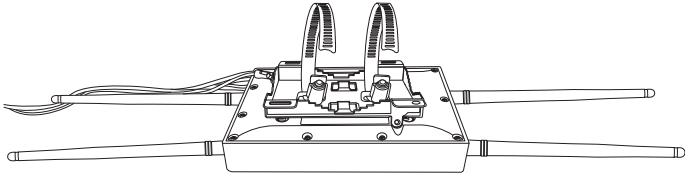
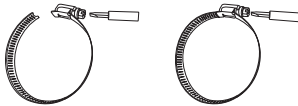
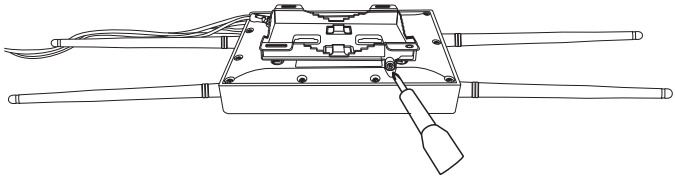
3. Connect the other end of the grounding wire to a grounded object. (e.g. earth driven rod, grounding electrical system)

7. Mounting

1. Install the metal mounting bracket by aligning the four bracket points to the four mounting holes on the back of the access point. The hole for the mount bracket locking screw should be located at the top right when installing the mounting bracket to the access point.

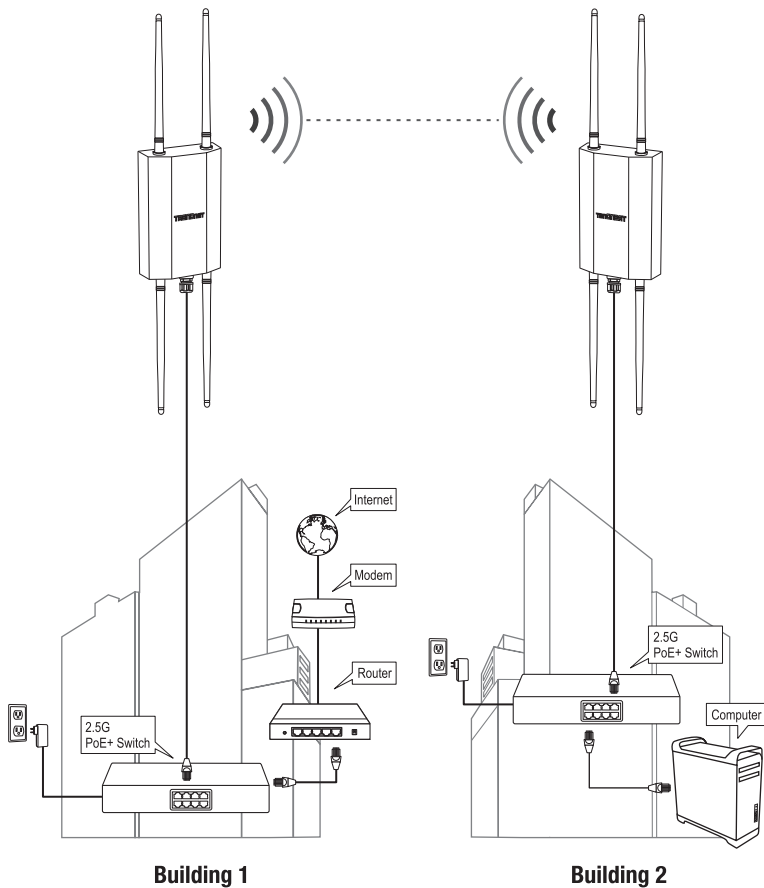


2. After installing the mounting bracket to the back of the access point, slide the mounting bracket left and install the locking screw by turning clockwise.



Note: If mounting the TEW-940APB0 with directional antenna, please make sure that the access point is mounted with the same vertical height, within line of sight, and facing the direction of the TEW-941APB0 to allow for the optimal connectivity.

Completed Installation Reference



Installation Tips and Troubleshooting

Q1: How do I configure my computer's network adapter with a static IP address?

Note: Please note that although the following procedures are provided to follow for your operating system network adapter settings to be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings. If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance.

Windows 2000/XP/Vista/7/8/8.1/10/11

1. On your keyboard, press **Windows Logo + R** keys simultaneously to bring up the Run dialog box.
2. In the dialog box, type **ncpa.cpl** to bring up the Network Connections window.
3. Right-click the **Local Area Connection** or **Ethernet** icon, click **Properties**, and double-click **Internet Protocol Version 4 (TCP/IPv4)**.
4. Then click **Use the following IP address** and assign your network adapter a static IP address. See example static IP address settings below.
 - IP address: 192.168.10.25
 - Subnet mask: 255.255.255.0
5. Click **OK** on both TCP/IPv4 Properties and Local Area Connection Properties windows.

MAC OS X

1. From the **Apple** drop-down list, select **System Preferences**.
2. Click the **Network** icon.
3. From the **Location** drop-down list, select **Automatic**.
4. Select and view your Ethernet connection.
 - For MAC OS 10.4, from the **Show** drop-down list, select **Built-in Ethernet** and select the **TCP/IP** tab.
 - For MAC OS 10.5 and above, in the left column, select **Ethernet**.
5. Configure TCP/IP to use a static IP.
 - From the **Configure IPv4** or **Configure** drop-down list, select **Manually** and assign your network adapter a static IP address. Then click the **Apply** or **Apply Now** button. See example static IP address settings below.
 - IP address: 192.168.10.25
 - Subnet mask: 255.255.255.0
6. You may be prompted to restart your computer to apply the new IP address settings.

Q2: I configured my computer's network adapter with a static IP address, how do I reconfigure my computer's network adapter to default settings and obtain an IP address automatically using DHCP?

Note: Please note that although the following procedures are provided to follow for your operating system network adapter settings to be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings. If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance.

Windows 2000/XP/Vista/7/8/8.1/10/11

1. On your keyboard, press **Windows Logo + R** keys simultaneously to bring up the Run dialog box.
2. In the dialog box, type **ncpa.cpl** to bring up the Network Connections window.
3. Right-click the **Local Area Connection** or **Ethernet** icon, click **Properties**, and double-click **Internet Protocol Version 4 (TCP/IPv4)**.
4. Then click **Obtain an IP address automatically** and **Obtain DNS server address automatically**.
5. Click **OK** on both TCP/IPv4 Properties and Local Area Connection Properties windows.

MAC OS X

1. From the **Apple** drop-down list, select **System Preferences**.
2. Click the **Network** icon.
3. From the **Location** drop-down list, select **Automatic**.
4. Select and view your Ethernet connection.
 - In MAC OS 10.4, from the **Show** drop-down list, select **Built-in Ethernet** and select the **TCP/IP** tab.
 - In MAC OS 10.5 and above, in the left column, select **Ethernet**.
5. Configure TCP/IP to use a static IP.
 - From the **Configure IPv4** or **Configure** drop-down list, select **Using DHCP** and click the **Apply** or **Apply Now** button.
6. You may be prompted to restart your computer to apply the new IP address settings.

Q3: I typed http://192.168.10.100 in my Internet Browser Address Bar, but an error message says “The page cannot be displayed.” How can I access the wireless access point management page?

1. Double check all physical cable and port connections.
2. Make sure the PWR/LAN/2.4GHz/5GHz LEDs on the wireless access point front panel are on.
3. Make sure your computer's network adapter is configured with a static IP address. (Refer to Q1 for instructions on assigning a static IP address).
4. Make sure your computer is connected to the access point network LAN port and LAN LED is on.
5. Since the access point default IP address is 192.168.10.100, make sure there are no other network devices assigned an IP address of 192.168.10.100

Note: After checking all of the recommended items above, please attempt to access the wireless access point management page again.

Q4: How do I find the current IP address of my computer's network adapter?

Note: Please note that although the following procedures are provided to follow for your operating system network adapter settings to be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings. If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance.

Command Prompt Method

Windows 2000/XP/Vista/7/8/8.1/10/11

1. On your keyboard, press **Windows Logo + R** keys simultaneously to bring up the Run dialog box.
2. In the dialog box, type **cmd** to bring up the command prompt.
3. In the command prompt, type **ipconfig /all** to display your IP address settings.

MAC OS X

1. Navigate to your **Applications** folder and open **Utilities**.
2. Double-click on **Terminal** to launch the command prompt.
3. In the command prompt, type **ipconfig getifaddr <en0 or en1>** to display the wired or wireless IP address settings.

Note: **en0** is typically the wired Ethernet and **en1** is typically the wireless Airport interface.

Graphical Method

Windows XP/Vista/7/8/8.1/10/11

1. On your keyboard, press **Windows Logo + R** keys simultaneously to bring up the Run dialog box.
2. In the dialog box, type **ncpa.cpl** to bring up the Network Connections window.
3. Double-click the **Local Area Connection** icon and click the Details button to view the current IP address settings.

Note: The computer's network adapter must be enabled and connected to view the current IP address settings.

MAC OS X

1. From the **Apple** menu, select **System Preferences**.
2. In System Preferences, from the **View** menu, select **Network**.
3. In the **Network preference** window, click a network port (e.g., Ethernet, AirPort, modem). If you are connected, you'll see your IP address settings under "**Status**:"

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This radio transmitter FCC ID: XU8TEW941APB0 has been approved by FCC to operate with antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna list

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Master Wave	98143MRSX000	Dipole	5.17dBi
2	Master Wave	98143JRSX000	Dipole	5.17dBi

Certifications

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received.

Including interference that may cause undesired operation.



Waste electrical an electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or Retailer for recycling advice.

Applies to PoE Products Only: This product is to be connected only to PoE networks without routing to the outside plant.

Note

The Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Advertencia

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

Technical Support

If you have any questions regarding the product installation, please contact our Technical Support.

Toll free US/Canada: **1-855-373-4741**

Regional phone numbers available at www.trendnet.com/support

TRENDnet

20675 Manhattan Place
Torrance, CA 90501
USA

Product Warranty Registration

Please take a moment to register your product online. Go to TRENDnet's website at: www.trendnet.com/register