Unleashed R610 Access Point
Quick Setup Guide

This Quick Setup Guide provides step-by-step instructions on how to set up your Ruckus Wireless Unleashed R610 Dual Band 802.11ac Multimedia Wi-Fi Access Point (AP).

For detailed information on configuration and administration of your Unleashed R610, refer to the *Unleashed Online Help*, available from *https://docs.ruckuswireless.com/unleashed/200.4/index.html*.

This Guide in Other Languages

- 请从以下网站获得该指南的简体中文版 https://support.ruckuswireless.com.
- Vous trouverez la version française de ce guide à l'adresse suivante https://support.ruckuswireless.com.
- このガイドの日本語版は https://support.ruckuswireless.com でご覧ください。
- 이 가이드의 한국어 버전은 웹 사이트 (https://support.ruckuswireless.com) 에서 확인하시기 바랍니다 .
- Veja a versão em português (Brasil) deste guia em https://support.ruckuswireless.com.
- Puede ver la versión en español (América Latina) de esta guía en https://support.ruckuswireless.com.

Before You Begin

Before deploying Ruckus Wireless products, please check for the latest software and the release documentation.

- User Guides and Release Notes are available at http://support.ruckuswireless.com/documents.
- Software Upgrades are available at http://support.ruckuswireless.com/software.
- Open Source information is available at http://opensource.ruckuswireless.com.
- Software License and Limited Warranty are available at http://support.ruckuswireless.com/warranty.

Package Contents

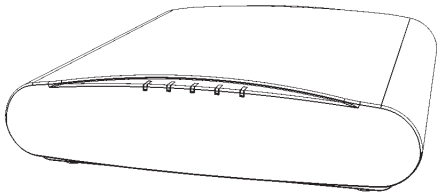
- R610 Access Point
- One wall-mount anchor kit, including two 1" No. 8 steel panhead Phillips sheet metal screws, one 5mm M2.5 x 1.06 Torx security screw, and wall-mount anchors
- One external T-bar bracket (two unassembled parts)
- One unit removal pin
- Regulatory flyer
- Product warranty statement
- Declaration of Conformity, if required
- This *Quick Setup Guide*

Step 1: Collect Tools and Setup Requirements

- A computer running Windows 7, 8, 10 or Mac OS X (procedures for other OS's are similar)
- Two Cat 5e Ethernet cables
- No. 2 Phillips screwdriver and T8 Torx driver for wall mounting anchor kit
- An AC power adapter (sold separately), or
- An 802.3af or 802.3at -compliant Power over Ethernet (PoE) switch or PoE injector
- When mounting the R610 to a truss or pole, two customer-supplied cable ties

Step 2: Connect the AP to Power and Your Network

Figure 1: Top view



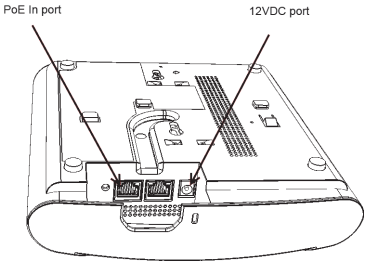
1 After removing your Unleashed AP from its package, connect it to your network switch or router using an Ethernet cable.

2 Using an AC adapter (sold separately), connect the AP 12VDC port to a protected power source.

Alternatively, connect the 10/100/1000 **POE In** port to a PoE injector or switch for both power and network connectivity.

3 Verify that the Power LED on the external enclosure is a steady green.

Figure 2: Bottom view



Step 3: Configure Your Unleashed Network

Unleashed can be deployed using either a Mobile App, available for both iOS and Android, or using your PC's web browser. Refer to the relevant section depending on which method you prefer to use:

- Step 3a: Setup Using the Unleashed Mobile App
- Step 3b: Setup Using a Web Browser

Step 3a: Setup Using the Unleashed Mobile App

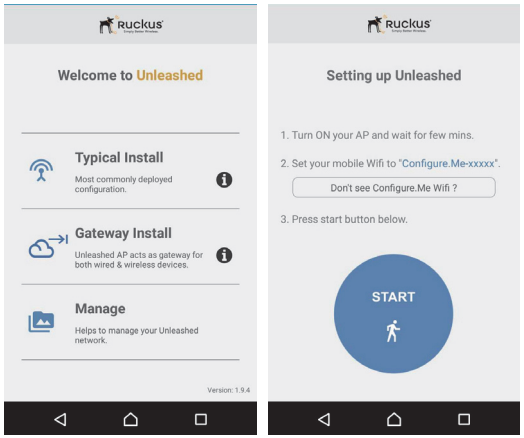
To perform setup using the Unleashed Mobile App, download the iOS or Android app from the app store.

1 As soon as the Unleashed AP is powered on and connected to the local network, it boots up and begins broadcasting a temporary unencrypted WLAN named "Configure.Me-[xxxxxx]" from both radios.

2 Using your client's Wi-Fi connection settings, select and associate to the "Configure.Me-[xxxxxx]" WLAN.

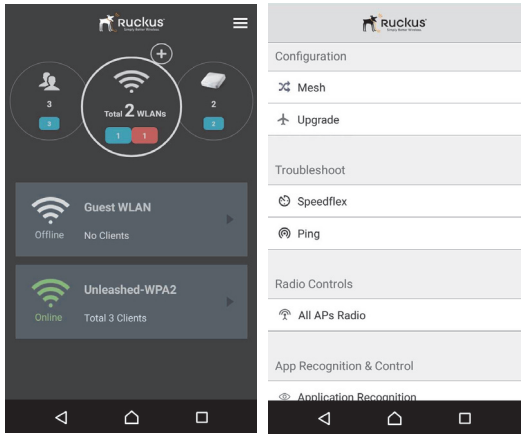
3 Launch the app, and follow the on-screen instructions to configure your Unleashed network(s).

Figure 3. Unleashed Mobile App for iOS and Android



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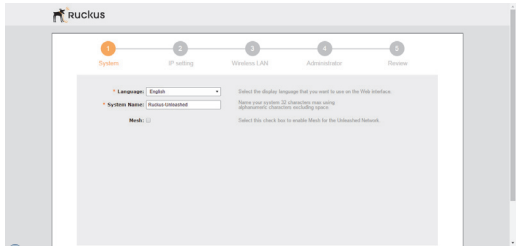
Figure 4. Configuring Unleashed from the Mobile App



Step 3b: Setup Using a Web Browser

1 As soon as the Unleashed AP is powered on and connected to the local network, it boots up and begins broadcasting a temporary unencrypted WLAN named "Configure.Me-[xxxxxx]" from both radios.
2 Using your client's Wi-Fi connection settings, select and associate to the "Configure.Me-[xxxxxx]" WLAN.
3 Launch a web browser and enter the following into the browser's URL bar: unleashed.ruckuswireless.com, and press **Enter**.
4 You will be redirected to the Setup Wizard. Complete the steps in the Setup Wizard and click **Finish**.

Figure 5. Complete the Setup Wizard to set up your Unleashed network



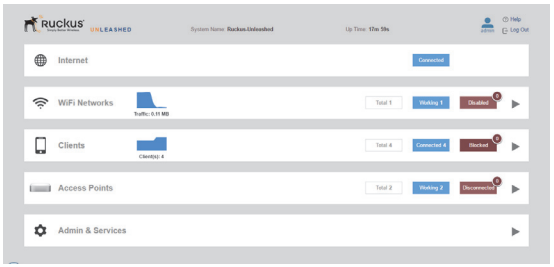
5 Once the Setup Wizard is finished, a "Configuring system settings and rebooting" progress screen appears. Wait until the process is complete.
6 Connect to the WLAN that you configured in the Setup Wizard, and click **OK** to reconnect. You will be redirected to the Unleashed login screen.
7 Enter your **Admin Name** and **Password** to login.

Figure 6. The Login page



8 Upon successful login you will be presented with the Unleashed Dashboard, which displays an overview of your Ruckus Unleashed network.

Figure 7. The Unleashed Dashboard



9 Click **OK** to save your changes.

Your changes are put into effect immediately. Continue with Step 4: Customize Your Wireless LANs.

Step 4: Customize Your Wireless LANs

Once the Unleashed Master AP has been initialized, you can fine-tune the settings of your first WLAN (that you created during the setup wizard), and create any additional WLANs needed prior to attaching additional Unleashed member APs. Then, when you deploy additional member APs in whatever order you prefer, they will automatically retrieve all WLAN configuration settings (and any other settings you have configured) from the Unleashed Master AP.

1 From the Dashboard, click anywhere in the WiFi Networks section to expand the display of your deployed WLANs.
2 On the left side of the screen, select the WLAN box for the WLAN you would like to configure, and click the Edit button to edit the configuration; or click Create to create a new WLAN.
3 If you made any changes to the original WLAN, you will be disconnected and will need to reconnect once the changes have been deployed on the AP radios.

Congratulations! Your Unleashed network is now configured and ready for use. You may now proceed to Step 5: Deploy Additional Unleashed Access Points.

Step 5: Deploy Additional Unleashed Access Points

Deploying additional Unleashed member APs is simply a matter of connecting them to the same Layer 2 network (subnet) and providing power. They will discover the Unleashed Master and join automatically. No additional steps are necessary.

(Optional) Mounting Instructions

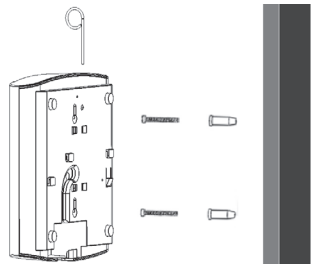
The R610 can be mounted to a T-bar, wall or ceiling a using the enclosed mounting kits. Refer to the following sections:

- Mounting on a Flat Surface
- Mounting on a Recessed Drop-Ceiling T-Bar
- Mounting on a Flush Drop-Ceiling T-Bar
- Mounting on a Truss or Pole

Mounting on a Flat Surface

1 Use the Mounting Template on the last page of this *Quick Setup Guide* as a template to mark the locations for drill holes on the mounting surface.
2 Use a 5mm drill bit to drill holes approximately 25mm into the mounting surface (Figure 8).
3 Insert the anchors and mounting screws into the mounting surface, leaving approximately 1/4" (6 mm) of the screw heads protruding for the AP enclosure.
4 To remove the AP, insert the unit removal pin into the hole on the top of the AP to unlock, then push the AP up to release the AP enclosure from the mounting screws.

Figure 8. Flat surface mounting



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Mounting on a Recessed Drop-Ceiling T-Bar

Note: This mounting bracket can also be used on a flush drop-ceiling T-bar, so the four rubber feet on the bottom of the AP minimize ceiling tile displacement.

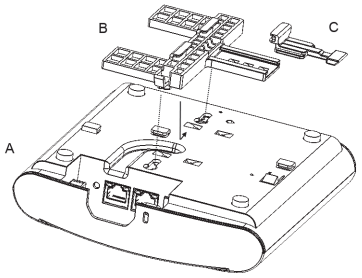
The enclosed T-bar bracket supports mounting to recessed drop ceiling T-bars.

- Mounting an AP using the External Bracket
- Removing an External Bracket from a T-Bar
- Removing the External Bracket from the AP

Mounting an AP using the External Bracket

1 Position the studs on the bottom of the T-bar bracket (B in Figure 9) in the mounting holes on the R610 enclosure, and then slide the T-bar bracket until the studs are in the narrow parts of the R610 mounting keyholes.The mounting bracket locks in place on the AP enclosure.

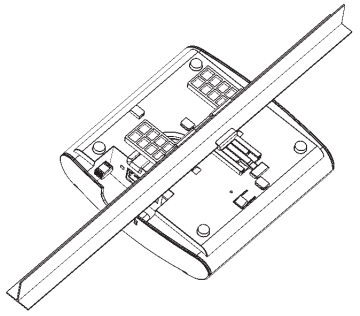
Figure 9. Attaching the external bracket to the AP



2 Attach the locking tab (C in Figure 9) to one side of the T-bar and the bracket (B in Figure 9) to the other side of the T-bar.

3 Slide the locking tab (C) into the bracket (B) so that it locks in place around the T-bar (Figure 10). Make sure that both clasps are gripping the T-bar.

Figure 10. Attaching the external bracket to the T-bar



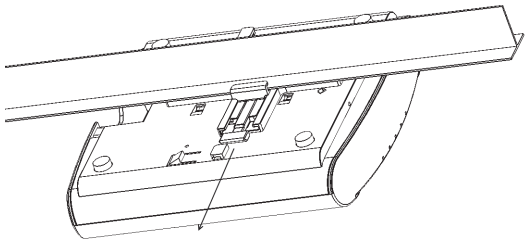
Removing an External Bracket from a T-Bar

1 Move the ceiling tiles out of the way.

2 Slide the locking tab away from the T-bar to release the AP-bracket assembly from the T-bar.

3 The R610-and-T-bar bracket assembly comes away from the T-bar.

Figure 11. Removing the external bracket from the T-bar

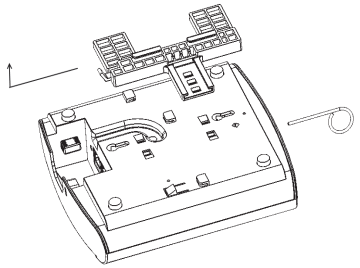


Removing the External Bracket from the AP

1 Insert the unit removal pin into the hole on the front of the AP to unlock the mounting bracket from the AP enclosure.

2 Slide the mounting bracket (Figure 12) toward the Ethernet ports on the R610 until it detaches from the R610.

Figure 12. Removing the external bracket from an AP



Mounting on a Flush Drop-Ceiling T-Bar

Mounting an AP using the Integrated T-bar clips

Note: The built-in mounting clips on the bottom of the AP are designed to accommodate 15/16 T-bar widths only.

1 Orient the AP so that the T-bar is positioned between the T-bar clips as shown in Figure 13, then rotate the AP until the third T-bar clip catches the T-bar and the latch locks the T-bar in place (Figure 14).

Figure 13. Attaching the AP to the T-bar

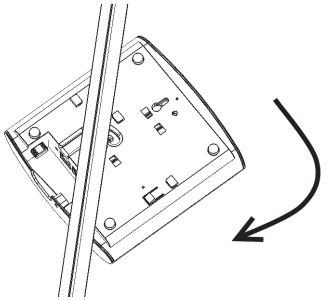
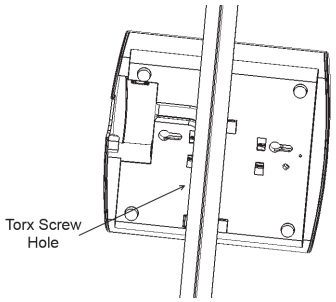


Figure 14. Locking the AP to the T-bar



2 Insert the Torx security screw into the hole near the latch to lock the AP in place.

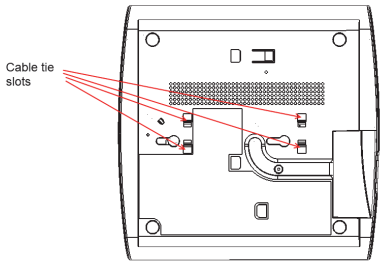
Removing an AP Integrated Bracket from a T-Bar

1 To remove the AP from a T-bar, first remove the security screw, then depress the latch while rotating the AP so that the T-bar clips disengage the T-bar.

Mounting on a Truss or Pole

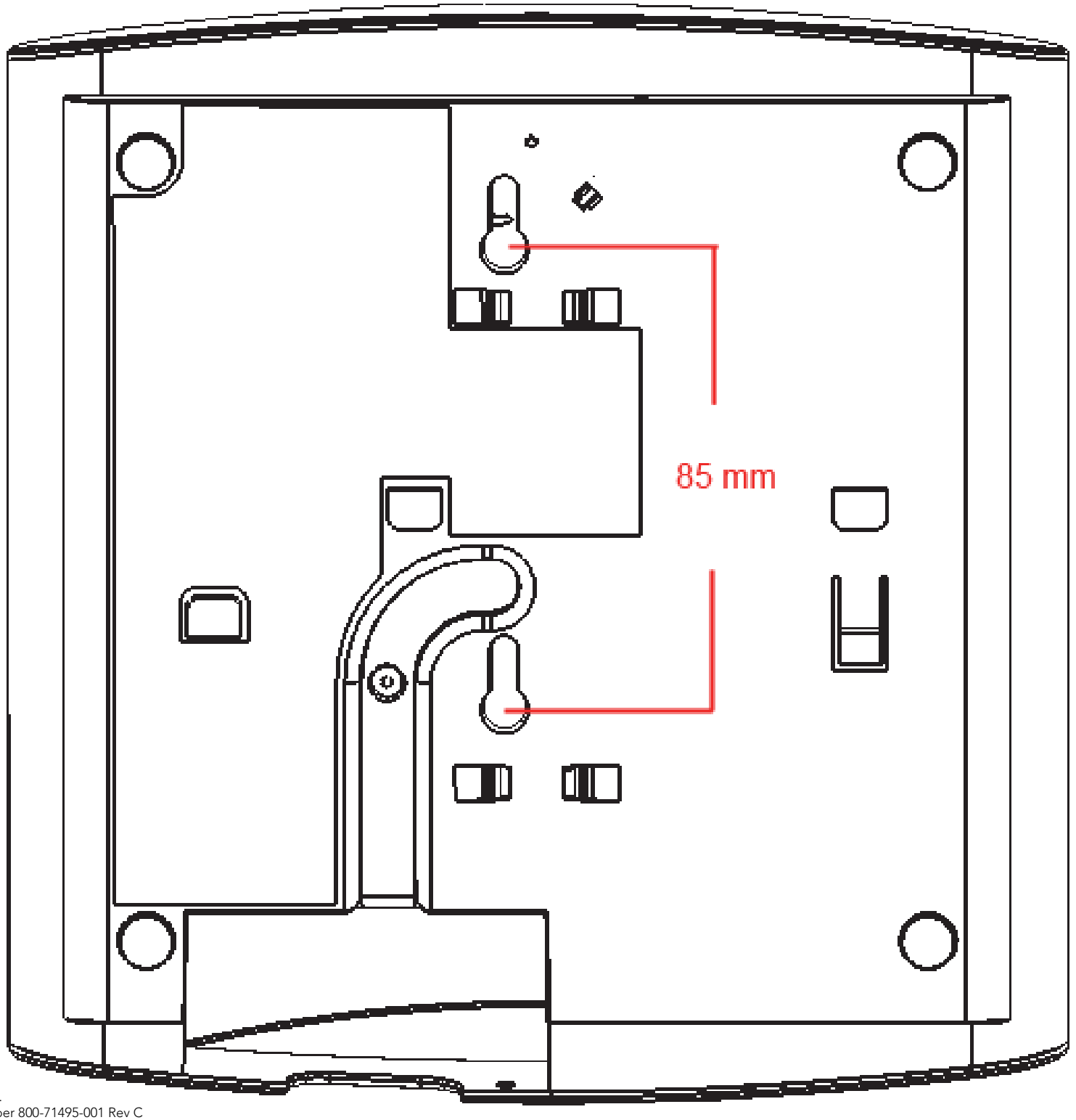
1 Feed the customer-supplied cable ties through the four slots on the back of the R610.

Figure 15 Cable tie slots



2 Fasten the R610 to the truss or pole using the cable ties.

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