



ZoneFlex 7025 Multimedia Wi-Fi Wall Switch Quick Setup Guide

This *Quick Setup Guide* provides step-by-step instructions on how to set up your Ruckus Wireless ZoneFlex 7025 Multimedia Wi-Fi Wall Switch. After completing the steps described in this Guide, you will be able to access the Wi-Fi Wall Switch and begin providing wired and wireless network access to users.

BEFORE YOU BEGIN

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

- Release Notes are available at <http://support.ruckuswireless.com/documents>.
- User Guides 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://support.ruckuswireless.com/open_source.

PACKAGE CONTENTS

- ZoneFlex 7025 Wi-Fi Wall Switch (Access Point)
- Mounting bracket with two (2) mounting screws
- Warranty statement
- Software license agreement
- Declaration of Conformity
- Registration card
- This *Quick Setup Guide*

SETUP REQUIREMENTS

- A 6mm Phillips screwdriver
- A computer running Windows XP, Vista or 7.
- A standard US or EU-style wall outlet box, with an Ethernet cable run through the wall from your LAN to the outlet box.
- One of the following:
 - An IEEE 802.3af/at-compliant PoE switch.
 - An IEEE 802.3af/at-compliant PoE injector.

IMPORTANT!

If the AP is deployed with ZoneDirector, follow the *ZoneDirector Quick Setup Guide*, and connect the AP to your Ethernet network.



EU version

US version

STEP 1: PREPARE YOUR COMPUTER FOR AP SETUP

- 1 On your Windows computer, open the *Network Connections* (or *Network and Dial-up Connections*) control panel according to how the Start menu is set up:
Win XP: Start > Settings > Network Connections
Win 7: Start > Control Panel > Network and Sharing Center > Change Adapter Settings
- 2 When the *Network Connections* window appears, right-click the icon for **Local Area Connection**, and then select **Properties**.

IMPORTANT!

Make sure you do not open the **Properties** dialog box for the wireless network.

- 3 When the *Local Area Connection Properties* dialog box appears, select **Internet Protocol (TCP/IP)** from the scrolling list, and then click **Properties**.
The *TCP/IP Properties* dialog box appears.

IMPORTANT!

Write down all of the currently active settings so you can restore your computer to its original configuration later (when this process is complete).

- 4 Select **Use the following IP address** option (if it is not already selected), and then make the following entries:

- **IP address:** 192.168.0.22 (or any address in the 192.168.0.x network--other than 192.168.0.1, which is in use by the AP)
- **Subnet mask:** 255.255.255.0
- **Default gateway:** 192.168.0.1

Leave the **Alternate DNS server** field empty.

- 5 Click **OK** to save your changes, exit first the *TCP/IP Properties* dialog box, and then the *Local Area Connection Properties* dialog box.

Your changes are put into effect immediately.

STEP 2: CONNECT THE AP TO YOUR COMPUTER

- 1 Remove the AP from its packaging and place it near your computer.
- 2 Connect one end of an Ethernet cable to the **PoE In LAN 5/Uplink** port on the rear of the AP, and connect the other end to a PoE switch or the **Data Out/Power Out** port on the PoE injector.
- 3 Using another Ethernet cable, connect one end to your computer's network port, and connect the other end to another port on the PoE switch or to the **Data In/Network** port on the PoE injector.
- 4 Provide power to the PoE injector/switch.
- 5 Verify that the **Power** and **LAN 5** LEDs are steady green.

STEP 3: LOG INTO THE AP

As specified earlier, the AP should be directly connected to your computer (through one of the LAN ports), and should be receiving power from its PoE uplink port.

- 1 On your computer, open a Web browser window.
- 2 In the browser, type this URL to connect to the AP:
<https://192.168.0.1>
- 3 Press <Enter> to initiate the connection. When a security alert dialog box appears, click **OK/Yes** to proceed.
- 4 When the *Ruckus Wireless Admin* login page appears, enter the following:
 - **Username:** super
 - **Password:** sp-admin
- 5 Click **Login**.

Default AP Settings (For Your Reference)

Network Names (SSIDs)	Wireless1—Wireless8
Security (Encryption method)	Disabled for each wireless interface
Default Management IP Address	192.168.0.1

IF YOUR COMPUTER CANNOT CONNECT TO THE AP

- Disconnect the AP from the power source, wait 5 seconds, then reconnect it—and wait 60 seconds before attempting a reconnection.
- Disconnect and reconnect the AP and the computer.
- Replace the Ethernet cable with a new one if the relevant LAN port LED is not illuminated. (LEDs in each port light up during a successful connection.)

STEP 4: CUSTOMIZE THE WIRELESS SETTINGS

- 1 On the Web interface menu, click **Configuration > Wireless**. The Configure::Wireless::Common options appear.
- 2 Verify that the following options are active:
 - **Channel:** SmartSelect
 - **Country Code:** If you are not located in the United States, select your current country.
- 3 Click **Update Settings** if you made any changes.
- 4 Click any of the eight “Wireless #” tabs.
- 5 In Wireless Availability, click **Enabled**.
- 6 Delete the text in the SSID field, and then type the name of your network. If your network does not have a “name,” type a short name that will help your users identify the AP in their wireless network connection application.
- 7 Click **Update Settings** to save your changes.
- 8 Repeat Step 4-7 for each Wireless # interface that you want to enable.

OPTIONAL: IF YOU WANT TO SWITCH FROM DHCP (DEFAULT)

- A. On the menu, click **Configuration > Internet**.
- B. Click the **Static IP** option.
- C. Fill in the **IP Address** and **Mask** fields.
- D. Click **Update Settings** to save your changes.

OPTIONAL: TO ENABLE/DISABLE LAN PORTS

- E. On the menu, click **Configuration > LAN Ports**.
- F. Click the check boxes next to the ports you want to enable; uncheck the boxes next to the ports you want to disable.
- G. Segment traffic entering LAN ports into VLANs, if needed.
- H. Click **Update Settings** to save your changes.

- 9 Click **Logout** to exit the Ruckus Web Admin interface.
- 10 When the *Web Admin* login page reappears, you can exit your browser.
- 11 Disconnect the AP from the computer and from the current power source, and then restore your computer’s original network settings.

STEP 5: RESTORE YOUR COMPUTER’S NETWORK SETTINGS

- 1 Click **Start > Settings > Network Connections**.
(If Windows 7, click **Start > Control Panel > Network and Sharing Center > Change Adapter Settings**.)
- 2 When the *Network Connections* window appears, right-click the icon for the “Local Area Connection” and choose **Properties**.
- 3 When the *Local Area Connection Properties* dialog box appears, select **Internet Protocol (TCP/IP)** from the scrolling list, and click **Properties**.
The *TCP/IP Properties* dialog box appears.
- 4 Replace the recent AP connection entries with the entries from your original network configuration.
- 5 Click **OK** to save your settings and exit first the *TCP/IP Properties* dialog box, then the *Local Area Connection Properties* dialog box.
Your computer is now ready for normal network use.

STEP 6: MOUNT THE AP TO THE WALL

BEFORE YOU BEGIN: Ensure that you have a Cat5e or better Ethernet cable supplying PoE power and LAN connectivity running to the outlet box where the AP will be installed.

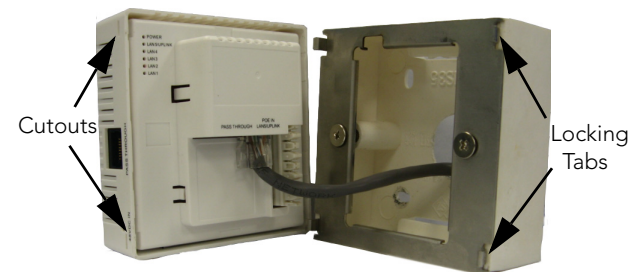
- 1 Remove the outlet box cover from the outlet box.
- 2 Align the mounting bracket with the outlet box so that the two screw holes line up, and pull the Ethernet cable through the center of the mounting bracket.
- 3 Affix the mounting bracket to the outlet box using the two mounting screws provided.

- 4 Connect the uplink Ethernet cable to the **PoE In LAN 5 / Uplink** port on the rear of the AP. Alternatively, if an RJ-45 connector is not used, you can connect PoE wiring directly to the punch-down block.



Rear view

- 5 Verify that the **Power** and **LAN 5** LEDs are lit.
- 6 Bundle or coil any excess wiring so that it does not protrude or impede AP placement.
- 7 Snap the AP onto the mounting bracket by hooking the two locking tabs on one side of the mounting bracket into the two cutouts in the plastic housing on one side of the AP, then push the other side of the AP in toward the wall until it snaps in place.



You have completed the physical installation.

STEP 7: VERIFY THE INSTALLATION

- 1 Using any wireless-enabled computer or mobile device, search for and select the wireless network you previously configured.
- 2 If you can connect, open a browser and link to any public Web site.

Congratulations! Your wireless network is active and ready for use.

FOR MORE INFORMATION

Refer to the ZoneFlex 7025 User Guide for more detailed configuration and management information.