The antenna allows client devices to connect to the RAP-2WG wirelessly.

DC IN (Power Socket)

The RAP-2WG power adapter (included) connects to the DC IN port. The RAP-2WG is equipped with four rubber feet designed to support the device on a flat surface without damaging it. Install the RAP-2WG on a flat level surface.

Tabletop Mounting

1. Connect one end of the provided RJ-45 cable to port E0 on the RAP-2WG.
2. Connect the other end of the RJ-45 cable to a free RJ-45 port on your modem or router.
3. Attach the provided power adapter to the DC IN port on the RAP-2WG.
4. Connect the other end of the power adapter to a power outlet.

Verify Successful Installation

Once the RAP-2WG is powered on, the device will take 2 to 3 minutes to complete the boot cycle. Once the boot cycle is complete, you can connect to your company or corporate network.

Connecting the Required Cables

WLAN: Indicates wireless status and activity.

The RAP-2WG has five LED indicators that display the status of the device:

- WLAN: Indicates wireless status and activity.
- E0: Indicates activity and/or status on this port.
- E1: Indicates activity and/or status on this port.
- POWER: When lit, the RAP-2WG is powered on.
- Status: Displays the RAP-2WG's current status.

Top View

Figure 2 Top View

Bottom View

Figure 3 Bottom View

The RAP-2WG has two 10/100Base-T (RJ-45) Ethernet ports for wired network connectivity.

- E0: Uplink port
- E1: LAN port

DC IN (Power Socket)

The RAP-2WG power adapter (included) connects to the DC IN port. The RAP-2WG does not have an On/Off switch. The device turns on when the power adapter is attached and plugged into a power outlet. The device turns off when you disconnect the power adapter from the power source (outlet).

LEDs

The RAP-2WG has five LED indicators that display the status of the device.

- On
- Off
- No-power
- Wireless is inactive
- Wireless is active
- Radio mode
- Link established
- Ethernet activity
- Device booting, not ready
- Device ready
- No connection with controller

Reset Button

To reset the RAP-2WG, insert a small, narrow object, such as a pin or paperclip, into the hole indicated in Figure 3 and press the button for 5 seconds, while powering on the RAP-2WG. This returns the RAP-2WG to factory defaults.

Local Debugging

The RAP-2WG includes built-in local debugging capabilities that allow you to report information about the RAP-2WG to your IT administrator. To access this tool, please contact your IT administrator.

Troubleshooting

If your computer is to obtain an IP from the RAP-2WG, try the following trouble shooting steps. If the procedure is not successful, contact your IT administrator:

1. Unplug the Power and Ethernet cables.
2. Reset the RAP-2WG to its factory default setting by holding down the reset button (use a pin or paperclip to hold down the button.)
3. Power on the RAP-2WG (pin the power cord) while still holding down the reset button.
4. Wait for the status LED to start blinking (about 5 seconds) then release the reset button.
5. Plug in your WAN connection to port 0.
6. Connect your laptop to port 1 using the RJ-45 cable.
Specifications

Mechanical

Device Dimensions (antenna stowed) (HxWxD):  
- 100mm x 70mm x 20mm
- 3.9" x 2.8" x 1.0"
Device Weight:  
- 0.2 lbs / 90 grams
Temperature:  
- Operating: (0°C to 40°C (32°F to 104°F)
- Storage: -40°C to 70°C (-40°F to 158°F)
Relative Humidity:  
- 15% to 95% non-condensing
Mounting:  
- Built-in Wall Mount Slots
- Tabletop
Antenna:  
- Integrated, detachable articulating tin-band antenna

Visual Status Indicators (LEDs):
-_PWR: Power
-_WLAN: Wireless LAN
-_E (WAN/Link)
-_E1 (LAN/downlink)
-_STATUS: Reports the RAP's status

Radio Band Selection:
- Via Mobility Controller in software
Manageability:
- Management of all 802.11 parameters
- Network Wide AP Management via CLI, WEB GUI and SNMP
- Access Point Profiles, managed by Geographical Location, BSSID and Radio Type

Encryption (AP and Mobility Controller):
- 40 bit / 64 bit / 128 bit / 152 bit WEP, TKIP, AES

Compliance

Aruba provides a multi-language document containing country-specific restrictions and additional safety and regulatory information for all Aruba hardware products. You can read or download this document, on our website at www.arubanetworks.com/safety_addendum.

European Union RoHS

RoHS:
- A product cannot be sold if it contains certain hazardous substances

China RoHS

Aruba products comply with China environmental declaration requirements and are labeled with the "EFUP 50" label shown at the left.

Hazardous Materials Declaration

This table shows where these substances may be found in the supply chain of electronic information products, as of the date of sale of the enclosed product.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Specified Substance</th>
<th>Maximum Concentration in Homogeneous Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (Pb)</td>
<td>O</td>
<td>1.000%</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>O</td>
<td>0.010%</td>
</tr>
<tr>
<td>Cadmium (Cd)</td>
<td>O</td>
<td>0.010%</td>
</tr>
<tr>
<td>Chromium VI Compounds</td>
<td>O</td>
<td>0.010%</td>
</tr>
<tr>
<td>Polybrominated Biphenyls (PBB)</td>
<td>O</td>
<td>0.100%</td>
</tr>
<tr>
<td>Polybrominated Diphenyl Ethers (PBDE)</td>
<td>O</td>
<td>0.100%</td>
</tr>
<tr>
<td>Polyvinyl Chloride (PVC)</td>
<td>O</td>
<td>10.000%</td>
</tr>
</tbody>
</table>

Disposal of the RAP-2WG

For the most current information about Global Environmental Compliance and Aruba products, see our website at www.arubanetworks.com/safety_addendum.

This product at end of life is subject to separate collection and treatment in the EU Member States, Norway, and Switzerland, and therefore is marked with the symbol shown at the left (crossed out wheeled bin). The treatment applied at end of life of these products in these countries shall comply with the applicable national laws implementing Directive 2002/91/EC on Waste of Electrical and Electronic Equipment (WEEE).


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.

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.

IEEE 802.11b or 802.11g operation of this product in the U.S.A. is firmware-limited to channels 1 through 11.

FCC 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.

IC Radiation Exposure Statement:

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

Warranty

Standard warranty - 1 year return to manufacturer