Aruba 207 Series Wireless Access Point

Installation Guide

0511875-02

a Hewlett Packard Enterprise company

Package Contents

- (I)AP-207 access point
- 9/16" and 15/16" Ceiling Rail Adapter (spare: AP-220-MNT-C1)
- Regulatory Compliance and Safety Information Guide
- Instant Quick Start Guide (for IAP-207 only)
- Professional Install Guide (for IAP-207 only)
- Installation Guide (this document).

CAUTION

This device must be professionally installed and serviced by a trained ACMP or similar Aruba-certified technician. Aruba access points are classified as radio transmission devices, and are subject to government regulations of the host country. The network administrator(s) is/are responsible for ensuring that configuration and operation of this equipment is in compliance with their country's regulations. For complete list of approved channels in your country, refer to the *Aruba Downloadable Regulatory Table* at support.arubanetworks.com.

CAUTION

Access points are radio transmission devices and are subject to governmental regulation. Network administrators responsible for the configuration and operation of access points must comply with local broadcast regulations. Specifically, access points must use channel assignments appropriate to the location in which the access point will be used.

207 Series Hardware Overview

LEDs

The 207 Series access points have two LEDs that indicate the system and radio status of the device. These two LEDs can be configured via ArubaOS (for AP-207) or Aruba Instant (for IAP-207) software into three separate modes:

- Normal mode (by default): See Table 1
- Both LEDs off
- Blink mode: Both LEDs blink green (synchronized)

Figure 1 *LEDs*

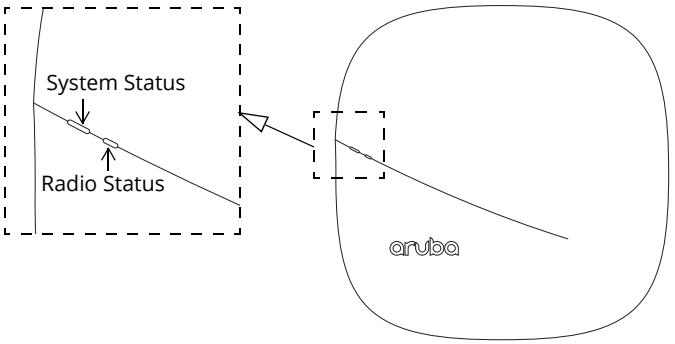
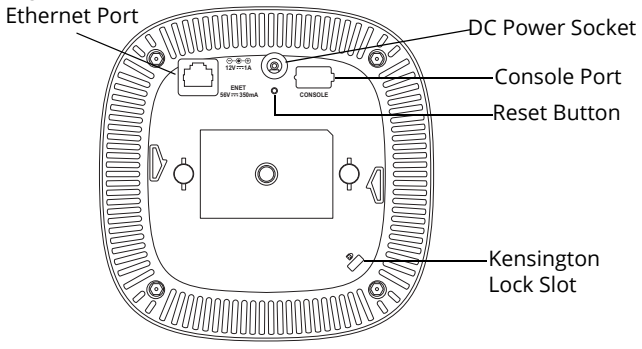


Table 1 *207 Series LEDs Status in Normal Mode*

LED	Color/State	Meaning
System Status (Left)	Off	Device powered off
	Green- Blinking	Device booting, not ready for use
	Green- Solid	Device ready for use, no restrictions
	Green- Flashing	Device ready for use, uplink negotiated in sub optimal speed (<1Gbps)
	Red- Solid	System error condition
Radio Status (Right)	Off	Device powered off, or both radios disabled
	Green- Solid	Both radios enabled in access mode
	Green- Blinking	One radio enabled in access mode
	Amber- Solid	Both radios enabled in monitor mode
	Amber- Blinking	One radio enabled in monitor mode
	Alternating	• Green: one radio in access mode • Amber: one radio in monitor mode

Figure 2 *Back Panel*



Console Port

The serial console port is located at the back of the (I)AP-207 and is a 4-pin connector covered by a dust cover. An optional serial adapter cable (AP-CBL-SER) is sold separately to connect the (I)AP to a serial terminal or a laptop for direct local management.

Ethernet Port

The 207 Series access points are equipped with one 10/100/1000Base-T (RJ-45) auto-sensing, MDI/MDX Ethernet port

(ENET0) for wired network connectivity. This port supports IEEE 802.3af Power over Ethernet (PoE), as a standard defined Powered Device (PD) from a Power Sourcing Equipment (PSE) such as a PoE midspan injector or network infrastructure that supports PoE.

Reset Button

To reset the 207 Series access points to factory default settings, press and hold down the reset button using a small, narrow object such as a paper clip while the (I)AP is powered on.

DC Power Socket

If PoE is not available, an optional Aruba AP-AC-12V30B power adapter kit (sold separately) can be used to power the 207 Series access points.

Additionally, a locally-sourced AC-to-DC adapter (or any DC source) can be used to power this device, as long as it complies with all applicable local regulatory requirements and the DC interface meets the following specifications:

- 12 Vdc (+/- 5%) and at least 12W
- Center-positive 2.1/5.5 mm circular plug, 9.5 mm length

CAUTION

FCC Statement: Improper termination of access points installed in the United States configured to non-US model controllers will be in violation of the FCC grant of equipment authorization. Any such willful or intentional violation may result in a requirement by the FCC for immediate termination of operation and may be subject to forfeiture (47 CFR 1.80).

CAUTION

EU Statement:
Lower power radio LAN product operating in 2.4 GHz and 5 GHz bands. Please refer to the *ArubaOS User Guide/Aruba Instant User Guide* for details on restrictions.

Produit réseau local radio basse puissance operant dans la bande fréquence 2.4 GHz et 5 GHz. Merci de vous referrer au *ArubaOS User Guide/Aruba Instant User Guide* pour les details des restrictions.

Low Power FunkLAN Produkt, das im 2.4 GHz und im 5 GHz Band arbeitet. Weitere Informationen bezüglich Einschränkungen finden Sie im *ArubaOS User Guide/ Aruba Instant User Guide.*

Apparati Radio LAN a bassa Potenza, operanti a 2.4 GHz e 5 GHz. Fare riferimento alla *ArubaOS User Guide/ Aruba Instant User Guide* per avere informazioni detagliate sulle restrizioni.

Installing the Access Point

NOTE

Service to all Aruba Networks products should be performed by an AMCP certified technician or similar.

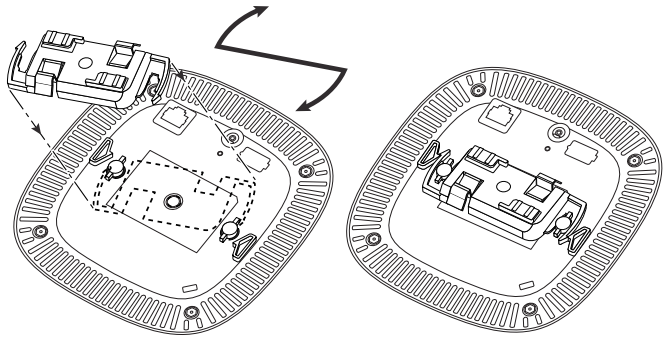
CAUTION

The installer is responsible for securing the access point onto the ceiling tile rail in accordance with the steps below. Failure to properly install this product may result in physical injury and/or damage to property.

The 207 Series access points ship with two ceiling rail adapters for 9/16" and 15/16" ceiling rails. Additional ceiling rail adapters for other rail styles and wall mount adapters are available as accessory kits.

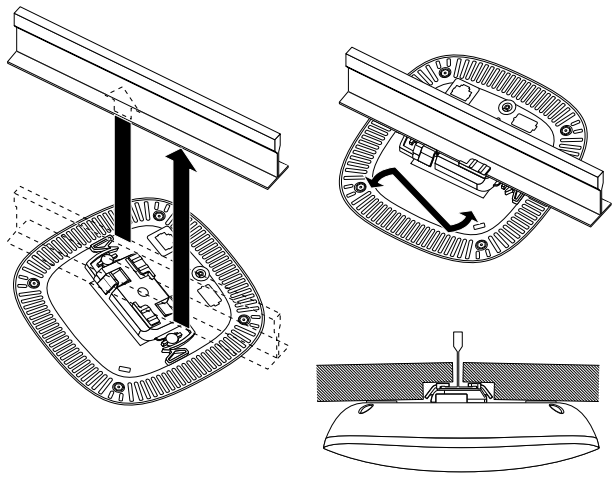
1. Pull the necessary cables through a prepared hole in the ceiling tile near where the access point will be placed.
2. Place the adapter against the back of the access point with the adapter at an angle of approximately 30 degrees to the tabs (see Figure 3).
3. Twist the adapter clockwise until it snaps into place in the tabs (see Figure 3).

Figure 3 *Attaching the Ceiling Rail Adapter*



4. Hold the access point next to the ceiling tile rail with the ceiling tile rail mounting slots at approximately a 30-degree angle to the ceiling tile rail (see Figure 4). Make sure that any cable slack is above the ceiling tile.
5. Pushing toward the ceiling tile, rotate the access point clockwise until the device clicks into place on the ceiling tile rail.

Figure 4 *Mounting the Access Point*



Connecting Required Cables

Install cables in accordance with all applicable local and national regulations and practices.

For additional information, refer to the online version of the *Aruba 207 Series Wireless Access Point Installation Guide* at support.arubanetworks.com or scan the QR code.