QuickSpecs

Overview

Aruba Instant On AP17 Outdoor Access Points

Designed for harsh outdoor environments which could encounter rain, snow, hail, or extreme temperatures.

Small businesses are facing a number of challenges due to new and emerging technology, making it pretty overwhelming to keep up. Mobile devices and cloud-based applications such as Microsoft Office 365 are changing the way you engage with customers, suppliers and staff. And because Wi-Fi plays such a crucial role today, you need a purpose-built solution that keeps your business on the go. It's tough enough to set up a new payroll system or choose the most effective point of sale solution—choosing the best Wi-Fi for your business shouldn't be hard.

The Aruba Instant On AP17 outdoor access point is the ideal solution for expanding coverage and signal strength for any wireless network. The outdoor-rated enclosure is designed for harsh outdoor environments, extending quality Wi-Fi to outdoor seating areas in restaurants and cafés, or patios and swimming pools in boutique hotels.

Aruba Instant On AP17 Outdoor Access Points

Models

Aruba Instant On AP17 (US) 2x2 11ac Wave2 Outdoor Access Point	R2X10A
Aruba Instant On AP17 (RW) 2x2 11ac Wave2 Outdoor Access Point	R2X11A
Aruba Instant On AP17 (EG) 2x2 11ac Wave2 Outdoor Access Point	R2X12A
Aruba Instant On AP17 (JP) 2x2 11ac Wave2 Outdoor Access Point	R2X14A

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Standard Features

Key Features
- Smart Mesh technology
- 802.11ac Wave 2 2X2:2 MU-MIMO radios
- Remote management and monitoring capability
- Separate guest and employee Wi-Fi network
- Mobile app and cloud portal

Product highlights

Simplicity at its best
- Wi-Fi that works right out of box
- Easy-to-use mobile app for deployment and upkeep.

Security you can count on
- Wi-Fi that keeps business and visitor traffic separate
- WPA2/WPA3 and Enhanced Open for secure network access

We've got you covered
- Industry leading warranty and support
- Smart Mesh technology that covers every inch of your business

In the box
- 1 x Aruba Instant On AP17 Indoor Access Point
- 1 x Aruba Instant On AP17 Quick Start guide
- 1 x M20x1.5 cable gland
- 1 x Mount bracket (solid surface)
- 2 x Self-tapping screw (mount AP with bracket)
- 1 x Grounding lug
- 1 x M4x8 screw (mount grounding lug)

Antennas
Two dual-band omni- directional antennas (4.7 dBi gain at 2.4 GHz, 4.2 dBi gain at 5 GHz)

Warranty and Support
Aruba Instant On 1 Year warranty with 24X7 phone support for first 90 days and chat support for the entire warranty period. Community support as long as you own the products.

Configuration Information

Ordering Information
Build To Order:
BTO is a standalone unit with no integration. BTO products ship standalone are not part of a CTO or Rack-Shippable solution.

BTO Base Models

Rule #	Description	SKU
1	Aruba Instant On AP17 (US) 2x2 11ac Wave2 Outdoor Access Point	R2X10A
2	Aruba Instant On AP17 (RW) 2x2 11ac Wave2 Outdoor Access Point	R2X11A
3	Aruba Instant On AP17 (EG) 2x2 11ac Wave2 Outdoor Access Point	R2X12A
4	Aruba Instant On AP17 (JP) 2x2 11ac Wave2 Outdoor Access Point	R2X14A

	Configuration Rules
Rule #	Description
1	Available in US only
2	Available everywhere except US, Israel, Japan and Egypt.
3	Available in Egypt only
4	Available in Japan only
Remark:	OCA Only Model Selection Form – Aruba > Instant On > Wireless Access Points: Outdoor AP17

Power Options

NOTE:	For AP17 Std (Min 0 // max 1) User Selection (min 0 // max 1) Aruba Instant On 15.4W 802.3af PoE Midspan Injector

Rule #	Description	SKU
1	Aruba Instant On 15.4W 802.3af POE Midspan Injector	R2X22A

	Configuration Rules
Rule #	Description
1	If this Power Supply is selected, bring in (Min 1 // Max 1) Localized power cord based on the Aruba Localization Menu
OCA Display NOTE:	Most devices are PoE powered from switch so these are optional.

Configuration Information

Regional Power Options

NOTE: Add 3-prong (C13) AC power cord for Power Adaptor/PoE Injector

Rule #	Description	SKU
	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
	PC-AC-AUS Australian AC Power Cord	JW114A
	PC-AC-BR Brazil AC Power Cord	JW115A
	PC-AC-CHN China AC Power Cord	JW116A
	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
	PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
	PC-AC-IN India AC Power Cord	JW119A
	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
	PC-AC-IT Italian AC Power Cord	JW121A
	PC-AC-JP Japanese AC Power Cord	JW122A
	PC-AC-KOR Korea AC Power Cord	JW123A
	PC-AC-NA North America AC Power Cord	JW124A
	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
	PC-AC-TW Taiwan AC Power Cord	JW126A
	PC-AC-UK UK AC Power Cord	JW127A
	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A
	PC-AC-H-ARG Argentina 220V AC 10A Max Current AC Power Cord	JW129A

Spares

Mount Kits

NOTE: For AP17 Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
	ION-MNT-OTDR Instant On Outdoor Bracket	R3R57A
OCA Display NOTE::	AP17 Unit ships with one plastic mount	

Technical Specifications

Radios
- Dual radio for simultaneous dual-band operation
- 5 GHz 802.11ac 2x2 MIMO for up to 867 Mbps wireless data rate, with Multi User MIMO support (Wi-Fi 5)
- 2.4 GHz 802.11n 2x2 MIMO for up to 300 Mbps wireless data rate (Wi-Fi 4)

Interfaces
- 1 x Uplink Gigabit Ethernet port, with POE-in support (802.3af)
- 1 x Bluetooth Low Energy (BLE) radio
- 2 x LED status indicators
- 1 x Reset/LED control button

Physical characteristics
- **Dimensions:** 187 x 156 x 67 mm (7.4 x 6.1 x 2.6 in), H x W x D
- **Weight:** 650 g (1.4 lb)

Power
- Power over Ethernet (POE): 802.3af (class 3)
  NOTE: Power source issold separately

Environmental and reliability
- **Operating temperature:** -40° C to +50° C (-40° F to +122° F)
- **Humidity:** 5% to 93% non-condensing
- **MTBF:** 300khrs (34yrs) at +25° C

Management
- Instant On mobile application (Android and iOS)
- Cloud Portal: **Portal.ArubaInstantOn.com**

Industry certifications
- IEC 60950/62368 CB
- UL2043 for air-handling space (plenum rating)
- EN 60601-1-1 and EN 60601-1-2 (for deployment in medical environments)
- Wi-Fi Alliance certified (WFA) 802.11ac with Wave 2 (Wi-Fi 5), WPA2, WPA3, Enhanced Open (OWE).

Summary of Changes

Date	Version History	Action	Description of Change
03-Sep-2019	Version 2	Changed	Overview, Standard Features and Configuration Information sections were updated.
01-Jul-2019	Version 1	New	New QuickSpecs

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