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Overview

JW811A is the Aruba IAP-315 (RW) Instant 2x/4x 11ac AP. The Aruba 310 Series access points deliver high performance and superb user experience for mobile devices, Internet of Things (IoT) devices, and applications in dense office environments. Featuring the 4x4:4SS MU-MIMO capability, advanced Aruba ClientMatch radio management, and Aruba Beacon technologies, the 310 Series enables an all-wireless digital work environment in a cost-effective manner.

Quick Spec

Figure 1 shows the appearance of JW811A.



Table 1 shows the quick spec.

SKU	JW811A
Product Model	Aruba IAP-315 (RW) Instant 2x/4x 11ac AP
Wireless LAN Standard	IEEE 802.11ac
Frequency Band	5 GHz 2.40 GHz
Antennas	4 Internal Antennas
Wireless Transmission Speed	1.69 Gbit/s
Form Factor	Wall Mountable Ceiling Mountable
Dimension (H x W x D)	1.9" x 7.2" x 7.1"

Product Details

Figure 2 shows the front panel of JW811A.



Figure 3 shows the back panel of JW811A.



The benefits of Aruba AP-310 include:

- Dual Radio 802.11ac access point with Multi-User MIMO
- Built-in Bluetooth Low-Energy (BLE) radio
- Advanced Cellular Coexistence (ACC)
- Quality of service for unified communication apps
- RF Management
 - Adaptive Radio Management (ARM) technology automatically assigns channel and power settings, provides airtime fairness, and ensures that APs stay clear of all sources of RF interference to deliver reliable, high-performance WLANs.
 - The Aruba 310 Series Access Points can be configured to provide part-time or dedicated air monitoring for spectrum analysis and wireless intrusion protection, VPN tunnels to extend remote locations to corporate resources, and wireless mesh connections where Ethernet drops are not available.
- Intelligent app visibility and control
- Security
 - Integrated wireless intrusion protection offers threat protection and mitigation, and eliminates the need for separate RF sensors and security appliances.
 - IP reputation and security services identify, classify, and block malicious files, URLs and IPs, providing comprehensive protection against advanced online threats.
 - Integrated Trusted Platform Module (TPM) for secure storage of credentials and keys.
- Intelligent Power Monitoring (IPM):
 - Enables the AP to continuously monitor and report its actual power consumption and optionally make autonomous decisions to disable certain capabilities
 - For the 310 Series Access Points, the IPM power-save feature applies when the unit is powered by an 802.3af PoE source. By default, the USB interface will be the first feature to turn off if AP power consumption will exceed the available power budget. In rare cases it may be necessary to take additional power saving measures, but in most cases, the 310 Series Access Points will operate in unrestricted mode.

The Accessories

Table 2 shows the accessories of JW811A.

Mount Kit	
JW046A	AP-220-MNT-W1 Basic Mount Kit:HP Aruba Campus AP Mounting Kits

JW047A	AP-220-MNT-W1W Mt Basic White Kit
Power Adaptor	
R3K00A	AP-AC2-12B 12V/48W AC/DC desktop style power adaptor with 2.1/5.5mm connector

Compare to Similar Item

Table 3 shows the comparison.

SKU	JW811A	JW813A
Product Model	Aruba Instant IAP-315 (RW) 802.11n/ac Dual 2x2:2/4x4:4 MU-MIMO Radio Integrated Antenna AP	Aruba Instant IAP-315 (US) 802.11n/ac Dual 2x2:2/4x4:4 MU-MIMO Radio Integrated Antenna AP
Wireless LAN Standard	IEEE 802.11ac	IEEE 802.11ac
Frequency Band	5 GHz 2.40 GHz	5 GHz 2.40 GHz
Antennas	4 Internal Antennas	4 Internal Antennas
Wireless Transmission Speed	1.69 Gbit/s	1.69 Gbit/s
Form Factor	Wall Mountable Ceiling Mountable	Wall Mountable Ceiling Mountable

Get more information

Do you have any question about the Aruba JW811A?

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Specification

JW811A Specification	
General Information	
Product Name	Aruba Instant IAP-315 (RW) 802.11n/ac Dual 2x2:2/4x4:4 MU-MIMO Radio Int Antenna AP
Manufacturer Part Number	JW811A
Product Line	Instant
Product Series	310
Product Model	IAP-315
Product Type	Wireless Access Point
Technical Information	
Wireless LAN Standard	IEEE 802.11ac
Frequency Band	5 GHz 2.40 GHz
Total Number of Antennas	4
Number of Internal Antennas	4
Wireless Transmission Speed	1.69 Gbit/s
MIMO Technology	Yes

Beamforming Technology	Yes
Interfaces/Ports	
Ethernet Technology	Gigabit Ethernet
Number of Network (RJ-45) Ports	1
PoE (RJ-45) Port	No
VGA	No
HDMI	No
USB	Yes
Powerline	No
Management Port	Yes
Physical Characteristics	
Form Factor	Wall Mountable Ceiling Mountable
Dimension (H x W x D)	1.9" x 7.2" x 7.1"

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