

I'm not robot  reCAPTCHA

Open





CAUTION



NOTE



IAP-110 Series Instant Access Point Installation Guide

The Aruba IAP-110 and IAP-110S Instant Access Points support the IEEE 802.11ac Wave 2 standard for high-performance WLAN. These access points are 802.11ac Wave 2 capable, multi-radio, multi-band, and offer high throughput with multiple antennas. They also support 802.11n and 802.11g for legacy devices. The IAP-110S also supports 802.11a and 802.11b for legacy devices. The IAP-110S also supports 802.11a and 802.11b for legacy devices.

Package Contents

- IAP-110 or IAP-110S Instant Access Point
- IAP-110 or IAP-110S Mounting Kit
- Aruba Instant On Network Manager (IONM) software license

IAP-110 Series Hardware Overview

Figure 1 IAP-110 Series AP

Figure 2 IAP-110 Series AP

Figure 3 Mounting Kit

DC Power Input

Reset Button

Identifying Specific Installation Locations

Identifying Known RF Absorbers/Reflectors/Interference Sources

Installing the AP

Using the Ceiling Rail Adapter

Figure 4 Installing the Ceiling Rail Adapter

Table 1 IAP-110 Series Radio Settings

Radio	Channel	Power
2.4GHz	1-13	17dBm
5GHz	36-48	17dBm
5GHz	52-64	17dBm
5GHz	68-80	17dBm
5GHz	84-96	17dBm
5GHz	100-112	17dBm
5GHz	116-128	17dBm
5GHz	132-144	17dBm
5GHz	148-160	17dBm
5GHz	164-176	17dBm
5GHz	180-192	17dBm
5GHz	196-208	17dBm
5GHz	212-224	17dBm
5GHz	228-240	17dBm
5GHz	244-256	17dBm
5GHz	260-272	17dBm
5GHz	276-288	17dBm
5GHz	292-304	17dBm
5GHz	308-320	17dBm
5GHz	324-336	17dBm
5GHz	340-352	17dBm
5GHz	356-368	17dBm
5GHz	372-384	17dBm
5GHz	388-400	17dBm
5GHz	404-416	17dBm
5GHz	420-432	17dBm
5GHz	436-448	17dBm
5GHz	452-464	17dBm
5GHz	468-480	17dBm
5GHz	484-496	17dBm
5GHz	500-512	17dBm
5GHz	516-528	17dBm
5GHz	532-544	17dBm
5GHz	548-560	17dBm
5GHz	564-576	17dBm
5GHz	580-592	17dBm
5GHz	596-608	17dBm
5GHz	612-624	17dBm
5GHz	628-640	17dBm
5GHz	644-656	17dBm
5GHz	660-672	17dBm
5GHz	676-688	17dBm
5GHz	692-704	17dBm
5GHz	708-720	17dBm
5GHz	724-736	17dBm
5GHz	740-752	17dBm
5GHz	756-768	17dBm
5GHz	772-784	17dBm
5GHz	788-800	17dBm
5GHz	804-816	17dBm
5GHz	820-832	17dBm
5GHz	836-848	17dBm
5GHz	852-864	17dBm
5GHz	868-880	17dBm
5GHz	884-896	17dBm
5GHz	900-912	17dBm
5GHz	916-928	17dBm
5GHz	932-944	17dBm
5GHz	948-960	17dBm
5GHz	964-976	17dBm
5GHz	980-992	17dBm
5GHz	996-1008	17dBm

Summary of the Setup Process

- Identify the specific installation location for each AP.
- Install the specific hardware for each AP.
- Configure the network settings.
- Verify the network connectivity.



SA © Rio 310 Intermediary, with its unique Gigabit Ethernet Uplink, is ideal for high-density environments, such as schools, retail affiliates, hotels and business office, where the organization is sensitive to cost. ARUBA 310 Series access points offer high performance and excellent user experience for mobile devices, things internet devices (IOT) and applications in dense office environments. Various optional mounting kits are available to attach the AP to a variety of surfaces; See Section Information on orders below for details on mechanical dimensions / weight (units, excluding assembly accessories): 182 mm (L) x 180 mm (p) x 48 mm (a) 650 g / 23 oz dimensions / weight (shipping): 223 mm (L) x 218 mm (p) x 55 mm (a) (L x p x a) 850 g / 30 environmental operational oz; temperature: 0A ° C A + 50A, ° C (+ 32A ° F to + 122A, ° F) Humidity: 5% to 95% without condensation Storage and transportation: Temperature: -40A, ° C to + 70A, ° C (-40A ° F A + 158th, ° F) CCC / Industry Regulatory CE Marked R & TTE Directive 1995/5 / EC Low Tension Directive 72/23 / EEC EN 300 328 EN 301 489 EN 301 893 UL / IEC / EN 60950 EN 60601-1-1 and EN 6 0601-1-2 For more specific regulatory information from the country and approvals, consult your representative in Aruba. It provides simultaneous data transmission for several devices, maximizing data throughput and improving network efficiency. Just connect an instantaneous AP, set it up in the air and connect the other APS à € à € The process takes about five minutes. With a simultaneous data rate of 1,733 Mbps in the 5 GHz band and 400 Mbps in the 2.4 GHz band (for a 2.1 Gbps aggregate peak data rate), the 310 Series Access Points can quickly add the necessary capabilities to your new or existing wireless networks. Managed mode by controller A € à € When Managed by Aruba Mobility ARUBA 310 Series access points offer centralized configuration, data encryption, application of policies and network services as well as distributed distributed services centralized routing of traffic. Beacon Bluetooth San © rio 310 APS features an Integrated BleCon Ble to simplify the management of a large-scale network of battery-powered aruba beacons. The ClientMatch triggers a mu-mimo Aruba ClientMatch Software Groups wave 2 clients together, allowing Mu-Mimo. AP-314 and AP-315 SPECIFICATION ES AP-310 SPECIFICATION S): 802.11ac - 5GHz 4x4 MIMO (1.733Mbps Max) and 2.4GHz 2x2 MIMO (400Mbps Min.) Radios, with a total of four RP-SMA DUAL-BAND connectors for AP-315 (controller-managed) and IAP-315 (InstantAnneo) external antennas: 802.11ac - 5GHz 4x4 MIMO (1.733Mbps Max rate) and 2.4GHz 2x2 MIMO (400Mbps max rate) Radios, with a total of four jps of dual-band integrated directional downlink wireless band type: Interior, Dual Radio, 5GHz 802.11ac 4x4 MIMO and 2.4GHz 802.11n 2x2 MIMO Dual Radio Supports 5GHz (Radio 0) and 2.4GHz (Radio 1) 5GHz: four user spatial single user (SU) MIMO for at© 1.733Mbps wireless data rate for individual 4x4 VHT90 or 2x2 VHT160 2.4GHz client devices: Two single MIMO space user (Su) for up to© 400 Mbps wireless data rate for individual 2x2 VHT40 client devices (300Mbps for HT40 client devices 802.11n) 5GHz: Four Spatial Stream Multi User (MU) MIMO for up to© 1.733 Mbps wireless data rate for up to© three client devices with Mimos tr, simultaneously support up to© 255 associated client devices per Radio and up to© 16 BSSIDs per Radio supported frequency bands ¼ supported (Specified y Restrictions): 2.400 to 2.4835GHz 5.150 to 5.250GHz 5.250 to 5.350GHz 5.470 to 5.725GHz 5.725 to 5.750GHz Available channels: Dependent on the ¼ Frequency SeleAbstract Configured Gift (DFS) Optimizes the use of available RF Spectrum Technologies: 802.11b: propagation spectrum direct (DSSS) 802.11A / g / n / ac: Orthogonal frequency division latigid ohlabart ed etneibma mu etimrep seireS 013 a ,nocaeb aburA saigoloncet e hctaMtnelC aburA oidjAr ed odašAnava otneimaicnereg ,OMIM-UM ŠS4:4x4 sosruce moC .OMIM-UM etneilc ed otneimehnoce moc etneilc od eÁšAierid ed aigoloncet a ailpma euq adaromirpa hctaMtnelC aigoloncet a iulcni seireS 013 A .seuÁšAiazinagro sa arap of mes eder ad rolav o eÁRatnemua e oirjAusu oa adaromirpa aicn9Airepxe amu eÁraicpore euq sovitacilpa revlvnesed arap edadililbom ed otxetno c metievorpa saserpme sa euq etimrep alE .Janetna ed ohnag odniulcxè (odicenrof

