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The Aruba AP-205H access point is a high-performance dual radio wireless and wired access point for hospitality and branch deployments. This device combines high-performance wireless mobility with Gigabit wired local access to deliver secure network access to dormitories, hotel rooms, classrooms, medical clinics, and multi-tenant environments. MIMO (Multiple-Input, Multiple-Output) technology enables the AP-205H to provide wireless 2.4 GHz 802.11n and 5 GHz 802.11n/ac functionality, while simultaneously supporting existing 802.11a/b/g wireless services.The AP-205H can be attached to a wall box using the bracket provided, or converted into a desk-mounted remote access point for branch office deployments using the AP-205H-MNTR desk mount kit (sold separately).The AP-205H access point works in conjunction with an Aruba controller, while the IAP-205H variant uses a built-in virtual controller.The Aruba AP-205H access point provides the following capabilities: Dual wireless transceivers IEEE 802.11a/b/g/n/ac operation as a wireless access point IEEE 802.11a/b/g/n/ac operation as a wireless air monitor, spectrum analyzer Compatibility with IEEE 802.3af/at PoE Central management configuration and upgrades through an Aruba Controller or Aruba Instant virtual controller Supports PoE-in to E0 port (only)/PoE-out from E3 port (only) Support for selected USB peripherals AP-205H Access Point Single Gang Wall-box Mounting Bracket 2x #6-32 Machine Screw T8H Torx Security Screw Installation Guide (this document)Figure 1 FrontLEDThe AP-205H is equipped with two LEDs indicating System Status and PSE. Console PortThe IAP-205H access point is equipped with a serial console port at the back(Figure 2). The port allows connecting the AP to a serial terminal or a laptop for direct local management. The 4-pin connector with removable dust cover is located on the back of the access point. An optional serial adapter cable (AP-CBL-SER) compatible with the IAP-205H can be purchased separately.Figure 2 RearEthernet PortsAP-205H access point is equipped with a total of four active Ethernet ports (E0-E3). The E0, located at the back of the AP (Figure 2) is 10/100/1000 Base-T (RJ-45) auto-sensing, MDI/MDX wired-network uplink connectivity port. It supports IEEE 802.3af/802.3at Power over Ethernet (PoE), accepting 48VDC as a standeard defined Powered Device (PD) from Power Sourcing Equipment (PSE), such as a midspan injector or network infrastructure that supports PoE.The E1-E3 ports, located at the bottom of the AP (Figure 3), are 10/100/1000 NBase-T (RJ-45) auto-sensing, MDI/MDX wired-network downlink connectivity ports. They are used to provide secure network connectivity to wired devices. Only the E3 port supports PoE-out functionality, supplying a maximum power of 10W when the AP is operating in 802.3at PoE mode.Additionally, the IAP-205H access point has a Pass-Through (PT) port at the back (Figure 2) and an E0/PT port at the bottom (Figure 3). The E0/PT port acts primarily as a Pass-Through (PT) port. Alternatively, the E0/PT port can serve as an E0 uplink port and accepts 802.3af/802.3at PoE power when the E0 and PT ports at the back of the AP are physically bridged by an Ethernet cable. AP-CBL-ETH10 sold separately with the AP-205H-MNTR desk mount kit.Figure 3 Bottom Figure 4 Gigabit Ethernet Port Pin-OutUSB PortThe AP-205H access point is equipped with a USB port that is compatible with cellular modems and Bluetooth Low Energy (BLE) dongles. When active, the USB port can supply up to 5W (1A).Push ButtonThe push button located on the right side of the AP can be used to reset the AP to factory default settings or turn off/on the LED display. To reset the AP to factory default settings:1. Power off the AP.2. Press and hold the push button using a small, narrow object, such as a paperclip.3. Power-on the AP without releasing the push button. The system status LED will flash within 5 seconds.4. Release the push button.The system status LED will flash again within 15 seconds indicating that the reset is completed. The AP will now continue to boot with the factory default settings. To turn off/on the system status LED:During the normal operation of the AP, press the push button using a small, narrow object, such as a paperclip. The system status LED will be turned off/on immediately.Power SupplyThe AP-205H has a single 48V DC power connector to support powering through an AC-to-DC power adapter. AP-AC-48V36 sold separately.The AP-205H supports both PoE-in and PoE-out functionality. The PoE-in (PoE-PD) allows the E0 port to draw power from 802.3at (preferred) and 802.3af (optional) sources.When operating in 802.3at mode, the PoE-out (PoE-PSE) functionality is enabled on port 3, allowing a maximum output of 10W. If a device attempts to exceed the 10W power limit, the E3 port is temporarily disabled. This port automatically reactivates over time.When operating in 802.3af mode, theAP-205H power to PoE-PSE and USB is disabled. After WLAN planning is complete and the appropriate products and their placement have been determined, the Aruba controller(s) must be installed and initial setup performed before the Aruba APs are deployed.Before installing your AP-205H access point, be sure that you have the following: Pre-installed wall box Cat5E UTP cable with network access installed in the wall box One of the following power sources: IEEE 802.3af-compliant Power over Ethernet (PoE) source Aruba AP AC-DC adapter kit (sold separately) Aruba Controller provisioned on the network: Layer 2/3 network connectivity to your access pointOne of the following network services: Aruba Discovery Protocol (ADP) DNS server with an A record DHCP Server with vendor-specific optionsComplete each of tasks below in the order listed to setup your AP-205H access point.1. Verify pre-installation connectivity.2. Identify the specific installation location for each AP.3. Install each AP.4. Verify post-installation connectivity.5. Configure each AP.Before you install APs in a network environment, make sure that the APs are able to locate and connect to the controller after power on. In order to successfully setup your network the following conditions must be met: When connected to the network, each AP is assigned a valid IP address APs are able to locate the controller Refer to the ArubaOS Quick Start Guide for instructions on locating and connecting to the controller.When installing the AP-205H access point must be secured to an Aruba approved wall or to a desk mount kit, which can be purchased separately. This AP should be oriented vertically, with Ethernet ports facing downward to facilitate maximum antenna gain. Use the AP placement map generated by Arubas RF Plan software application to determine the proper installation location(s). Each location should be as close as possible to the center of the intended coverage area and should be free from obstructions or obvious sources of interference. These RF absorbers/reflectors/interference sources will impact RF propagation and should be accounted for during the planning phase and adjusted for in RF plan.The Aruba AP-205H requires ArubaOS 6.4.3 or later.Inform your supplier if there are any incorrect, missing, or damaged parts. If possible, retain the carton, including the original packing materials. Use these materials to repack and return the unit to the supplier if needed.Table 1 LED Color/State MeaningSystem Status Off AP powered off, or LED switched to off modeAmber- Solid AP ready, restricted mode: 10/100Mbps uplink negotiated Either radio in non-HT mode Virtual AP not enabledAmber- Flashing AP in Air or Spectrum Monitor modeRed Error conditionGreen - Flashing AP booting, not readyGreen - Solid AP readyPSE Off AP powered off, or PoE capability disabledGreen - Solid PoE power enabledRed PoE power sourcing error or overload conditionThe rear panel of the AP-205H may become hot after extended use.Le panneau arrire du point d'accs AP-205H peut chauffer aprs une utilisation prolonge.Hot-plug operation is not recommended for the console port.The USB interface is disabled when the AP-205H is powered from 802.3af PoE.Table 2 Maximum Power OutputsPower Source Restrictions USB PoE-PSEDC (AP-AC-48V36) None 5W 15.4W802.3at USB disabled when PoE-PSE is on 5W 10W802.3af USB, PoE-PSE disabled N/A N/AIf both POE and DC power are available, the AP will default to using DC.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).Dclaration FCC: l'arrt incorrect des points d'accs installs aux tats-unis qui sont configurs sur des contrleurs autres que le modle agr aux tats-unis est considr comme contrevenant l'homologation fcc. toute violation dlibre ou intentionnelle de cette condition peut entraner une injonction d'arrt immdiat de son utilisation par la fcc et peut dboucher sur la confiscation de l'quipement (47 cfr 1.80).EU Statement: Lower power radio LAN product operating in 2.4 GHz and 5 GHz bands. Please refer to the ArubaOS User Guide for details on restrictions.Produit rseau local radio basse puissance operant dans la bande frquence 2.4 GHz et 5 GHz. Merci de vous referrer au ArubaOS User Guide pour les details des restrictions.Low Power FunkLAN Produkt, das im 2.4 GHz und im 5 GHz Band arbeitet. Weitere Informationen bezlglich Einschrnkungen finden Sie im ArubaOS User Guide.Apparati Radio LAN a bassa Potenza, operanti a 2.4 GHz e 5 GHz. Fare riferimento alla ArubaOS User Guide per avere informazioni detagliate sulle restrizioni.It is important that you verify the items listed under AP Pre-Installation Checklist before you attempt to set up and install an AP-205H.Aruba Networks, Inc., in compliance with governmental requirements, has designed the AP-205H access points so that only authorized network administrators can change the settings. For more information about AP configuration, refer to the ArubaOS Quick Start Guide and ArubaOS User Guide.Access points are radio transmission devices and as such 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.Les points d'accs sont des priphriques de transmission radio et sont, en tant que tels, soumis aux rglementations nationales. Les administrateurs rseau responsables de la configuration et de l'exploitation des points d'accs doivent se conformer aux rglements locaux de diffusion. De faon plus prcise, les points d'accs doivent employer des canaux adapts leur emplacement physique Reset APs via Console Cable (preferred method) Connect the serial console breakout adapter cable to the AP Ethernet port and a laptop.Power on the AP and get into apboot mode.From the apboot prompt, configure:apboot> purgeapboot> saveapboot> reset Reset APs via GUI Click on Maintenance and go to the Convert tab . In the dropdown for Convert one or more APs to choose Standalone AP. Pick the one you want. This will gracefully exit the IAP from the VC cluster.

**Aruba iap 205 rw factory reset. Iap 205 reset button. Aruba iap 205 factory reset. Reset aruba iap 205 to factory defaults. Iap 205 rw factory reset. Iap 205 reset. Factory reset iap-305. Aruba iap 205 factory reset cli.**