HPE Aruba Networking 630 Series Campus Access Point Installation Guide

Contents

HPE Aruba Networking 630 Series Campus Access Point

Specifications

- **Model:** HPE Aruba Networking 630 Series Campus Access Point
- **Bluetooth:** Bluetooth 5.0 Low Energy and 802.15.4 Radio
- **Ports:** Micro-B Console Port, Ethernet Ports, Kensington Lock Slot, USB 2.0 Interface
- **Reset:** Reset Button for Power BLE Radio Default State, Console Port Default State, USB Host Interface Default State

FAQ

- **Q:** Where can I find the latest software user guide?
- **A:** The latest software user guide can be found at here.
- **Q:** How can I contact support for the HPE Aruba Networking access point?
- **A:** You can contact support through the main site at **arubanetworks.com** or by visiting the support site at **asp.arubanetworks.com**. Additionally, you can reach out via telephone or email as listed in the manual.

Open Source Code
This product includes code licensed under certain open-source licenses which require source compliance. The corresponding source for these components is available upon request. This offer is valid to anyone in receipt of this information and shall expire three years following the date of the final distribution of this product version by Hewlett Packard Enterprise Company. To obtain such source code, please check if the code is available in the HPE Software Center at **https://myenterpriselicense.hpe.com/cwp-ui/software** but, if not, send a written request for the specific software version and product for which you want the open source code. Along with the request, please send a check or money order in the amount of US $10.00 to:

- Hewlett Packard Enterprise Company
- Attn: General Counsel
- WW Corporate Headquarters
- 1701 E Mossy Oaks Rd, Spring, TX 77389

- United States of America.

About This Guide
This document describes the hardware features of the HPE Aruba Networking 630 Series Campus Access Point. It provides a detailed overview of the physical and performance characteristics of each access point model and explains how to install the access point.

Guide Overview

- Hardware Overview provides a detailed hardware overview of the HPE Aruba Networking 630 Series Campus Access Point.
- Installation describes how to install the HPE Aruba Networking 630 Series Campus Access Point.
- Specifications, Safety, and Compliance lists the HPE Aruba Networking 630 Series Campus Access Point's technical specifications and safety and regulatory compliance information.

Related Documentation
You require the following documents for the complete management of HPE Aruba Networking access point.

- Latest document of the software user guide:
- **https://www.arubanetworks.com/techdocs/ArubaDocPortal/content/cons-aos-home.htm**
- CLI bank: **https://www.arubanetworks.com/techdocs/CLI-Bank/Content/Home.htm**

Contacting Support

Table 1: Contact Information

Main Site	**arubanetworks.com**
Support Site	**asp.arubanetworks.com**
Airheads Social Forums and Knowledge Base	**community.arubanetworks.com**
North American Telephone	1-**800-943-4526** (Toll Free) 1-**408-754-1200**
International Telephone	**arubanetworks.com/support-services/contact-support/**
Software Licensing Site	**lms.arubanetworks.com**
End-of-life Information	**arubanetworks.com/support-services/end-of-life/**
Security Incident Response Team	Site: **arubanetworks.com/support-services/security-bulletins/** Email: **aruba-sirt@hpe.com**

The HPE Aruba Networking 630 Series Campus Access Point supports the IEEE 802.11ax WLAN standard in the 6 GHz band (Wi-Fi 6E) as well as the 5 GHz and 2.4 GHz bands, delivering high performance and capacity with MIMO (Multiple-Input, Multiple-Output) and OFDMA (Orthogonal Frequency Division Multiple Access) technologies, while also supporting IEEE 802.11a/b/g/n/ac wireless services.

Package Contents

Inform your supplier to check 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 2: Package Contents

Item	Quantity
HPE Aruba Networking 630 Series Campus Access Point	1

The AP mount bracket attaches to a variety of mount kits (sold separately). Refer to the HPE Aruba Networking 630 Series Campus Access Point ordering guide for details.

Front View

Figure 1 *AP-635 Front View*

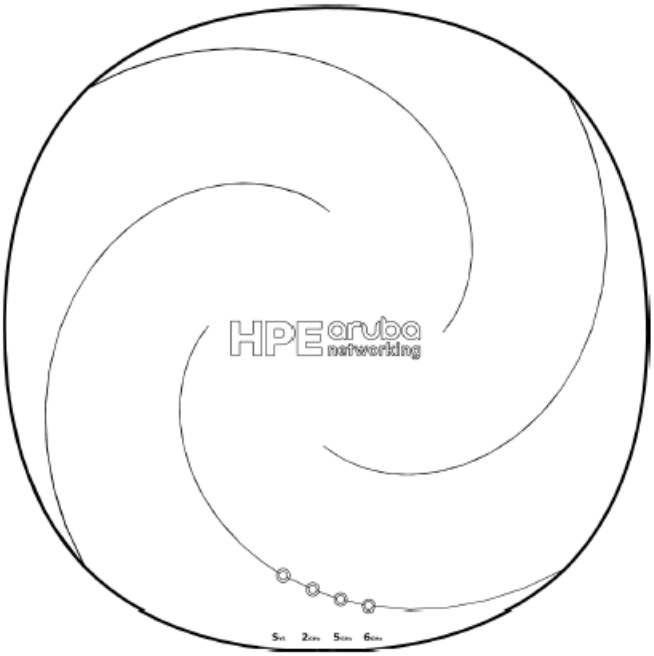
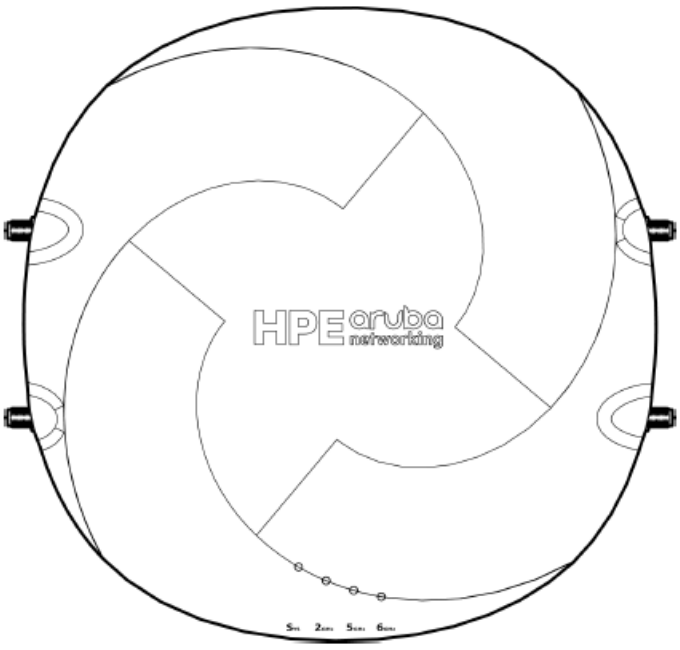


Figure 2 *AP-634 Front View*



External Antenna Connectors

The AP-634 access point has two sets of two RP-SMA female connectors for external antennas:

- First set (labeled as A0 and A1): 2.4GHz and 5GHz, combined (duplexed)
- Second set (labelled as B0 and B1): 6GHz

External antennas for this device must be installed by a professional installer, using manufacturer-approved antennas only. The Equivalent Isotropically Radiated Power (EIRP) levels for all external antenna devices must not exceed the regulatory limit set by the host country/domain. Installers are required to record the antenna gain for this device in the system management software. A list of approved antennas can be found in the ordering guide at **https://www.arubanetworks.com/resource/aruba-630-series-campus-access-points-ordering-guid**e.

For the 6 GHz band, the AP-634 is approved in the US (5925-6425 MHz and 6525-6875 MHz) and Canada (5925-6875 MHz) for Standard Power operations (in conjunction with an Automated Frequency Coordination [AFC] system).

LEDs
The LED indicators located on the front cover of the access point indicate the following functions:
System Status LED
The System Status LED indicates the operating condition of the access point.

Table 3: System Status LED

Colour/State	**Meaning**
Off	Device Powered off
Green- solid	Device ready, fully functional, no network restrictions
Green- blinking 1	Device booting, is not ready
Green- flashing off 2	Device ready, fully functional, uplink negotiated in sub-optimal speed (< 1 Gbps)
Green- flashing on3	Device in deep-sleep mode
Amber- solid	Device ready, restricted power mode (limited PoE power available, or IPM restrictions applied), no network restrictions
Amber- flashing off	Device ready, restricted power mode (limited PoE power available, or IPM restrictions applied), uplink negotiated in sub-optimal speed (< 1 Gbps)
Red	System error condition – Immediate attention required

1. Blinking: one second on, one second off, 2 seconds cycle.
2. Flashing off: mostly on, a fraction of a second off, 2-second cycle.
3. Flashing on: mostly off, a fraction of a second on, 2-second cycle.

2GHz/5GHz/6GHz Radio Status LEDs
The 2GHz/5GHz/6GHz Radio Status LEDs indicate the operating mode of the access point's 2GHz/5GHz/6GHz radios.

Table 4: 2GHz/5GHz/6GH Radio Status LEDs

Color/State	Meaning
Off	Device Powered off, or radio disabled
Green- solid	Radio enabled in access mode
Green- flashing off 1	Radio enabled in uplink or mesh mode
Amber- solid	Radio enabled in monitor or spectrum analysis mode

1. Flashing off: mostly on, a fraction of a second off, 2-second cycle.

LED Display Settings
The LEDs have three operating modes that can be selected in the system management software:

- Default mode: refer to Table 3 and Table 4
- Off mode: all LEDs are off
- Blink mode: all LEDs blink green (synchronized)

To force the LEDs into off mode or back to software-defined mode, press the reset button for a short duration (less than 10 seconds).

Pressing the reset button for longer than 10 seconds may cause the AP to reset and return to the factory default state.

Back View
The ports on the back of the AP-634 access point are the same as the ones on the back of the AP-635 access point.

Figure 3 *Back View (AP-635)*

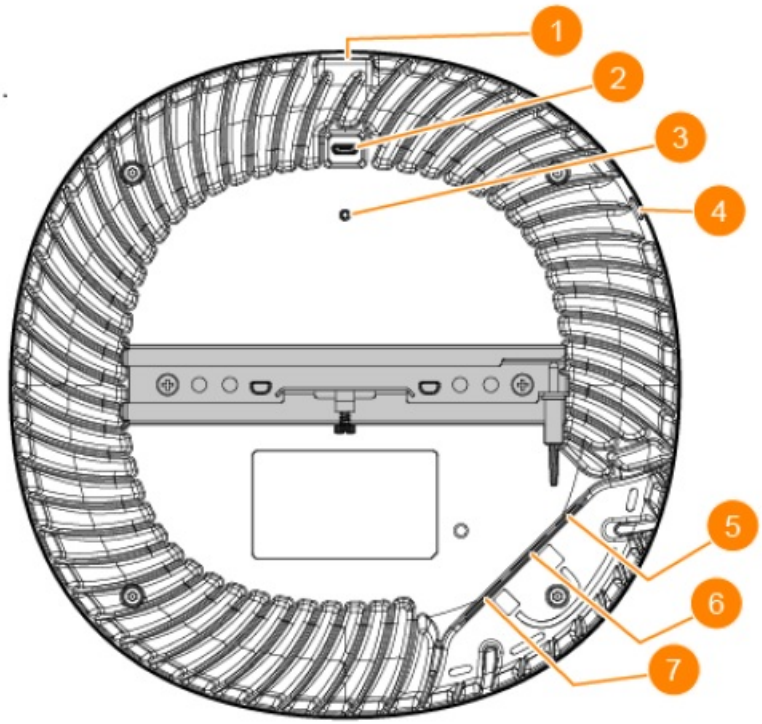


Table 5: Ports on the Back of HPE Aruba Networking 630 Series Campus Access Point

Callout	Component
1	USB 2.0 Interface
2	Micro-B Console Port
3	Reset Button
4	Kensington Lock Slot
5	DC Jack

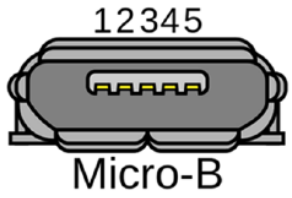
Callout	Component
6	E1Ethernet Port
7	E0 Ethernet Port

Bluetooth 5.0 Low Energy and 802.15.4 Radio
The access point is equipped with an integrated BLE 5.0 and 802.15.4 radio that provides the following capabilities:

- Location beacon applications
- Wireless console access
- IOT gateway applications

Micro-B Console Port
The console port is a Micro-B connector located on the back of the access point. Use the proprietary AP-CBL-

SERU cable or AP-MOD-SERU module (sold separately) for direct management of the access point when connected to a serial terminal or laptop.

	1: NC 2: RXD 3: TXD 4: GND 5: GND

Ethernet Ports

The HPE Aruba Networking 630 Series Campus Access Point is equipped with two 100/1000/2500Base-T autosensing MDI/MDX wired RJ45 Ethernet ports (E0 and E1). The 2.5bps speed complies with NBase-T and 802.3bz specifications. Both ports are compliant with 802.3ab 1000Base-T Gigabit Ethernet and 802.3az (Energy Efficient Ethernet) standards. Both ports support 802.3at and 802.3bt Power over Ethernet compliance to accept power from a POE source, such as a PoE midspan injector, or a network switch.
The cable guiding features on the chassis are useful only in specific use cases, such as using extension cables or other cables with short plugs. To use the cable guiding feature, the Ethernet cable bend radius shall be no more than 20 mm.

Kensington Lock Slot
The HPE Aruba Networking 630 Series Campus Access Point is equipped with a Kensington lock slot for additional physical security.
USB 2.0 Interface
The USB 2.0 interface located on the top of the HPE Aruba Networking 630 Series Campus Access Point is compatible with selected cellular modems and other peripherals. When active, this interface can supply up to 5W/1A to a connected device.

Reset Button

The reset button located on the bottom of the device can be used to reset the access point to factory default settings or turn off/on the LED display.
Use one of the following methods to reset the access point to factory default settings:

- To reset during normal operation, hold the reset button for more than 10 seconds while the access point is running, and then release the reset button.
- To reset during power-up, hold the reset button while the access point is powering up.

The system status LED will flash again within 15 seconds indicating that the reset is completed. The access point will now continue to boot with the factory default settings.
To toggle the LED displaying off mode or back to software-defined mode, press the reset button for a short duration (less than 10 seconds).

Power

Both E0 and E1 ports support PoE-in (AP is a PoE-PD device), allowing the device to draw power from compliant PoE power sources. If PoE is not available, a proprietary AP-AC2-12B power adapter (sold separately) can be used to power the access point. When both PoE and DC power sources are available, the DC power source takes precedence. In that case, the access point simultaneously draws a minimal current from the PoE source. If the DC source fails, the access point switches to the PoE sources.
The Intelligent Power Monitoring (IPM) feature may also be used to manage the power consumption preferences for this device. When enabled, the user may enable/disable power restrictions for the access point using HPE

Aruba Networking's AP management software. Refer to the HPE Aruba Networking 630 Series Campus Access Point datasheet for details on possible functional restrictions when the AP is powered by POE, and how IPM can help to avoid or minimize these restrictions.

BLE Radio Default State
When the access point is in the factory default state the integrated BLE radio is enabled. This applies to the non-TAA product SKUs only. On the TAA products, the BLE radio is disabled when the unit is in factory default conditions.
Once the AP has established a connection with its management platform, the BLE radio state is updated to match what's configured there. This state is maintained if the AP is power-cycled or rebooted.

Console Port Default State
When the access point is in the factory default state the console interface (both physical port and BLE) is enabled with default credentials (username is "admin" and password is the serial number of the unit). Once the AP has established a connection with its management platform, the console port state (enabled/disabled) and access credentials are updated to match what's configured there. State and credentials are maintained if the AP is power-cycled or rebooted.

USB Host Interface Default State
When the access point is in the factory default state the USB host interface is powered and enabled, assuming the AP is not in a restricted power mode. On some AP models the USB port may be disabled when a POE source with insufficient power budget is used. Once the AP has established a connection with its management platform, the USB host interface state is updated to match what's configured there. This state is maintained if the AP is power-cycled or rebooted. The HPE Aruba Networking 630 Series Campus Access Point is designed for ceiling or wall-mounted deployments. Several optional mount kits are available to attach the access point to a variety of surfaces. These mount kits are available as accessories and must be ordered separately. Refer to the HPE Aruba Networking 630 Series Campus Access Point ordering guide at **https://www.arubanetworks.com**.

- All HPE Aruba Networking access points should be professionally installed by a professional installer.
  The installer is responsible for ensuring that grounding is available and meets applicable national and electrical codes. Failure to properly install this product may result in physical injury and/or property damage.
- The installer is responsible for securing the access point onto the ceiling tile rail. Failure to properly install this product may result in physical injury and/or property damage.
- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- For indoor use only. The access point, AC adapter, and all connected cables are not to be installed outdoors. This stationary device is intended for stationary use in partly temperature-controlled weather-protected environments (class 3.2 per ETSI 300 019).

Before You Begin
Refer to the sections below before beginning the installation process.

FCC Statement

Improper termination of access points installed in the United States configured to non-US model controllers will violate 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).

Pre-Installation Checklist
Before installing the access point, be sure that you have the following (not included with the AP):

- A mount kit compatible with the AP and mount surface
- One or two Cat5E or better UTP cables with network access
- Compatible antenna(s) when installing AP-634 Some optional items:
- A compatible power adapter with a power cord
- A compatible PoE midspan injector with a power cord
- An AP-CBL-SERU console cable
- An AP-MOD-SERU console module

Refer to the HPE Aruba Networking 630 Series Campus Access Point ordering guide for compatible items, quantities needed, etc.
Also, make sure at least one of the following network services is supported:

- HPE Aruba Networking Discovery Protocol (ADP)
- DNS server with an “A” record
- DHCP Server with vendor-specific options

If a power adapter other than the HPE Aruba Networking-approved adapter is used in the US or Canada, it should be NRTL listed, with an output rated 12V DC, minimum 0.75A, marked “LPS” and “Class 2,” and suitable for plugging into a standard power receptacle in the US and Canada.

Identifying Specific Installation Locations

- The HPE Aruba Networking 630 Series Campus Access Point is designed in compliance with governmental requirements so that only authorized network administrators can change configuration settings. For more information about AP configuration, refer to the AP Software Quick Start Guide.
- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Use the access point placement map generated by HPE Aruba Networking 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.

Identifying Known RF Absorbers/Reflectors/Interference Sources

Identifying known RF absorbers, reflectors, and interference sources while in the field during the installation phase is critical. Make sure that these sources are taken into consideration when you attach an access point to its fixed location.
RF absorbers include

- Cement/concrete—Old concrete has high levels of water dissipation, which dries out the concrete, allowing for potential RF propagation. New concrete has high levels of water concentration in the concrete, blocking RF signals.
- Natural Items—Fish tanks, water fountains, ponds, and trees
- Brick

RF reflectors include

- Metal Objects—Metal pans between floors, rebar, fire doors, air conditioning/heating ducts, mesh windows, blinds, chain link fences (depending on aperture size), refrigerators, racks, shelves, and filing cabinets.
- Do not place an access point between two air conditioning/heating ducts. Make sure that access points are placed below ducts to avoid RF disturbances.

RF interference sources include

- Microwave ovens and other 2.4 or 5 GHz objects (such as cordless phones)
- Cordless headset such as those used in call centers or lunch rooms

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the access point. Otherwise, degradation of the performance of this equipment could result.

Software
For instructions on choosing operating modes and initial software configuration, refer to the AP Software Quick Start Guide.

HPE Aruba Networking 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 a complete list of approved channels in your country, refer to the HPE Aruba Networking Downloadable Regulatory Table.

Verifying Post-Installation Connectivity
The integrated LED on the access point can be used to verify that the access point access point is receiving power and initializing successfully (see Table 1-Table 2). Refer to the AP Software Quick Start Guide for further details on verifying post-installation network connectivity.

This chapter provides an overview of the HPE Aruba Networking 630 Series Campus Access Point specifications, safety, and compliance information.

HPE Aruba Networking 630 Series Campus Access Point Specifications

Electrical

- Ethernet
  - E0 port: 100/1000/2500Base-T auto-sensing MDI/MDX wired RJ45 network connectivity port
  - E1 port: 100/1000/2500Base-T auto-sensing MDI/MDX wired RJ45 network connectivity port
- Power
  - 12V DC power interface, support powering through AC-to-DC power adapter (AP-AC2-12B)
  - Power over Ethernet (PoE): 802.3at or 802.3bt compliant source

Environmental

- Operating
  - Temperature Range: 0 °C to 50 °C (32 °F to 122 °F)

    - Humidity Range: 5% to 95% non-condensing
- Storage and Transportation
    - Temperature Range: –25 °C to 55 °C (–13 °F to 131 °F)
    - Humidity Range: 10% to 100% non-condensing

For additional specifications on this product, please refer to the HPE Aruba Networking 630 Series Campus Access Point data sheet. The data sheet can be found at **https://www.arubanetworks.com**.

Regulatory Model Name

For the purpose of regulatory compliance certifications and identification, this product has been assigned a unique regulatory model number (RMN). The regulatory model number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to this regulatory model number. The regulatory model number RMN is not the marketing name or model number of the product.
The regulatory model name for the HPE Aruba Networking 630 Series Campus Access Point:

- AP-634 RMN: APIN0634
- AP-635 RMN: APIN0635

Regulatory considerations for AP-634
The AP-634 will be offered in countries where there is an existing or clear and defined path to allow operation of 6 GHz radios with external connectorized antennas, either as a Low Power Indoor (LPI) or Standard Power (SPI) product. Please contact your HPE Aruba Networking representative to confirm (existing or planned) availability for the country where the AP will be deployed.

Canada
Innovation, Science and Economic Development Canada

This Class B digital apparatus meets all of the requirements of the Canadian Interference-Causing Equipment Regulations.
In accordance with Innovation, Science and Economic Development Canada regulations, this radio transmitter and receiver may only be used with an antenna, the maximum type and gain of which must be approved by Innovation, Science and Economic Development Canada. To reduce potential radio interference, the type of antenna and its gain shall be chosen so that the equivalent isotropic radiated power (EIRP) does not exceed the values necessary for effective communication.
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation of this device is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation.

When operated in the 5.15 to 5.25 GHz frequency range, this device is restricted to indoor use to reduce the potential for harmful interference with co-channel Mobile Satellite Systems.

- The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.
- This radio transmitter model APIN0634 has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed in the HPE Aruba Networking 630 Series Campus Access

Point ordering guide (link provided below) below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

- **https://www.arubanetworks.com/resource/aruba-630-series-campus-access-points-ordering-guide**.

Operation shall be limited to indoor use only.

Operation on oil platforms, cars, trains, boats, and aircraft shall be prohibited except for on large aircraft flying above 10,000 feet.

European Union and United Kingdom

- The Declaration of Conformity made under Radio Equipment Directive 2014/53/EU as well as the United Kingdom's Radio Equipment Regulations 2017/UK is available for viewing below. Select the document that corresponds to your device's model number as it is indicated on the product label.
- EU & UK Declaration of Conformity
- Compliance is only assured if the HPE Aruba Networking approved accessories as listed in the HPE Aruba Networking 630 Series Campus Access Point ordering guide are used.
- This device is limited for indoor use. Use in trains with metal-coated windows (or similar structures made of materials with comparable attenuation characteristic) and aircraft is permitted. Operations in the 6GHz band are blocked by firmware for some countries pending adoption of spectrum. Refer to HPE Aruba Networking DRT release notes for details.

Wireless Channel Restrictions

5150-5350MHz band is limited to indoor only in the following countries; Austria (AT),

Radio	**Frequency Range MHz**	**Max EIRP**
BLE/Zigbee	2402-2480	10 dBm
Wi-Fi	2412-2472	20 dBm
	5150-5250	23 dBm
	5250-5350	23 dBm
	5470-5725	30 dBm
	5725-5850	14 dBm

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

UKCA Marking

- EU & UK Regulatory Contact:
- HPE, Postfach 0001,1122 Wien, Austria

India
This product conforms to the relevant Essential Requirements of TEC, Department of Telecommunications, Ministry of Communications, Govt of India, New Delhi-110001

Medical

1. Equipment not suitable for use in the presence of flammable mixtures.
2. Connect to only IEC 60950-1 or IEC 60601-1 certified products and power sources. The end user is responsible for the resulting medical system complies with the requirements of IEC 60601-1.
3. Wipe with a dry cloth, no additional maintenance required.
4. No serviceable parts, the unit must be sent back to the manufacturer for repair.
5. No modifications are allowed without approval from HPE Aruba Networking.

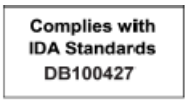
Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the access point. Otherwise, degradation of the performance of this equipment could result.
- This device is intended for indoor use in professional healthcare facilities.
- This device has no IEC/EN60601-1-2 essential performance.
- Compliance is based on the use of HPE Aruba Networking approved accessories. Refer to the ordering guide for this access point at **https://www.arubanetworks.com**.

Morocco

Philippines

Singapore



Ukraine
Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type [The Regulatory Model Number [RMN] for this device can be found in the Regulatory Model Name section of this document] is in compliance with Ukrainian Technical Regulation on Radio Equipment, approved by resolution of the CABINET OF MINISTERS OF UKRAINE dated May 24, 2017, No. 355. The full text of the UA declaration of conformity is available at the following internet address: **https://certificates.ext.hpe.com/public/certificates.html**.

United States
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

Improper termination of access points installed in the United States configured to a non-US model controller is a 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). The network administrator(s) is/are responsible for ensuring that this device operates in accordance with local/regional laws of the host domain.

RF Radiation Exposure Statement: This equipment complies with RF radiation exposure limits. This equipment should be installed and operated with a minimum distance of 7.87 inches (20cm) between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's

authority to operate this equipment.

- FCC regulations restrict the operation of this device to indoor use only.
- The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.
- Operation in the 5.9725-7.125GHz band is prohibited for control of or communication with unnamed aircraft systems.

Proper Disposal of HPE Aruba Networking Equipment
HPE Aruba Networking equipment complies with countries' national laws for proper disposal and electronic waste management.

India RoHS material content declaration
This product complies with the "India E-waste (Management) Rules, 2016" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule II of the Rule.

HPE Aruba Networking 630 Series Campus Access Point

Documents / Resources

	HPE Aruba Networking 630 Series Campus Access Point [pdf] Installation Guide AP-634, APIN0634, Q9DAPIN0634, 630 Series Campus Access Point, 630 Series, Campus Access Point, Access Point, Point
	HPE Aruba Networking 630 Series Campus Access Point [pdf] User Guide APIN0634, Q9DAPIN0634, 630 Series Campus Access Point, 630 Series, Campus Access Point, Access Point, Point

References

- HPE Aruba Networking | Enterprise
- Home - Airheads Community
- Home - Airheads Community
- License Management System
- HPE Aruba Networking | Enterprise
- License Management System
- My HPE Software Center
- My HPE Software Center

- Anatel — Agência Nacional de Telecomunicações
- User Manual