

# Aruba 650 Series Campus Access Points

## Startup Guide



a Hewlett Packard  
Enterprise company



0512241-01

The Aruba 650 Series Campus Access Points are high-performance devices that can be deployed in either controller-based (ArubaAOS) or controllerless (InstantOS) network environments. These access points support the 802.11ax standard in the 2.4GHz, 5GHz, and 6GHz bands with a 4x4 MIMO tri-radio Wi-Fi 6E platform. Additionally, 650 Series Campus Access Points provide dual wired 5Gbps Smart Rate Ethernet network interfaces that enhance their performance and client capacity.

## Package Contents

The following materials are included with this product:

- Aruba AP-655 Access Point

Inform your supplier if there are any incorrect, missing, or damaged parts. To return this product, repack this unit and or other included materials into the original packaging before returning it to the supplier.

## Installation

This device must be professionally installed and serviced by a trained Aruba-Certified Mobility Professional (ACMP), or similar Aruba-certified technician. To install this device, refer to the *Aruba 650 Series Campus Access Points Installation Guide* by scanning the QR code in this section or selecting **Software & Documents > Access Points (AP & IAP)** at [asp.arubanetworks.com](http://asp.arubanetworks.com).



The following are the default AP management credentials for logging in:

- Username: admin
- Password: <Serial number of the AP>

## Software

For instructions on initial setup and software configuration, refer to the latest version of the AP Software Quick Start Guide by scanning the QR code in this section, or visiting [asp.arubanetworks.com](http://asp.arubanetworks.com), then selecting **Software & Documents**.



## Software End User License Agreement

The End User License Agreement (EULA) information for this product can be found at [www.arubanetworks.com/assets/legal/EULA.pdf](http://www.arubanetworks.com/assets/legal/EULA.pdf).

## Regulatory Compliance

An upgrade to the AP firmware and/or downloadable regulatory table (DRT) file to the latest available version is recommended. This ensures that the AP supports the most up-to-date set of countries and regulatory specifications.

Aruba 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 this device operates in accordance with all local/regional laws of the host domain. Access points must use channel assignments appropriate to the domain in which the access point is deployed.

For a complete list of approved devices for by your country domain, refer to the *Aruba Downloadable Regulatory Table Release Note* by scanning the QR code in this section, or visiting [www.arubanetworks.com/techdocs/DRT/Default.htm](http://www.arubanetworks.com/techdocs/DRT/Default.htm).



The regulatory model numbers (RMN) for the 650 Series are as follows:

- AP-655 RMN: APIN0655

Changes or modifications to this unit not expressly approved by Aruba, a Hewlett Packard Enterprise company can void the user's authority to operate this equipment.

802.11ax operations must be switched off in countries that don't currently allow 802.11ax and it is up to the installer to comply with this legal requirement.

## Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistema devidamente autorizados.

## Canada

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

### Déclaration d'Industrie Canada

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: 1) L'appareil ne doit pas produire de brouillage; 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## European Union

The Declaration of Conformity made under RED 2014/53/EU is available for viewing at: [www.hpe.com/eu/certificates](http://www.hpe.com/eu/certificates). Select the document that corresponds to your device's model number as it is indicated on the product label.

### Wireless Channel Restrictions

5150-5350MHz band is limited to indoor only in the following countries; Austria (AT), Belgium (BE), Bulgaria (BG), Croatia (HR), Cyprus (CY), Czech Republic (CZ), Denmark (DK), Estonia (EE), Finland (FI), France (FR), Germany (DE), Greece (GR), Hungary (HU), Iceland (IS), Ireland (IE), Italy (IT), Latvia (LV), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Malta (MT), Netherlands (NL), Norway (NO), Poland (PL), Portugal (PT), Romania (RO), Slovakia (SK), Slovenia (SL), Spain (ES), Sweden (SE), Switzerland (CH), Turkey (TR), United Kingdom (UK) (NI).

Radio	Frequency Range MHz (Wi-Fi)	Max EIRP
BLE/Zigbee	2402-2480 MHz	9 dBm
Wi-Fi	2412- 2472 MHz	20 dBm
	5150-5250 MHz	23 dBm
	5250-5350 MHz	23 dBm
	5470-5725 MHz	30 dBm
	5752-5850 MHz	14 dBm
	5945-6425 MHz	23 dBm

## Ukraine

Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type [The Regulatory Model Number [RMN] for this device can be found on page 1 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 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 into an outlet on a circuit that is different from that to which the receiver is connected
- Consult the dealer or an experienced radio or television 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).

For additional safety and regulatory information about this product, refer to the Aruba 650 Series Campus Access Point Installation Guide.



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





Hewlett Packard Enterprise Company  
 Attn: General Counsel  
 6280 America Center Drive  
 San Jose, CA 95002  
 USA

### Warranty

This hardware product is protected by an Aruba warranty.

For more details visit [www.hpe.com/us/en/support.html](http://www.hpe.com/us/en/support.html) and select the “HPE Servers, Storage, and Networking” option from the Product Support menu to access HPE’s Warranty Check.



## Contact Aruba

Main Site	<a href="http://www.arubanetworks.com">www.arubanetworks.com</a>
Support Site	<a href="http://www.asp.arubanetworks.com">www.asp.arubanetworks.com</a>
Airheads Social Forums and Knowledge Base	<a href="http://www.community.arubanetworks.com/">www.community.arubanetworks.com/</a>
North America Telephone	1-800-943-4526 1-408-754-1200
International Telephone	<a href="http://www.arubanetworks.com/support-services/contact-support/">www.arubanetworks.com/support-services/contact-support/</a>
Software Licensing Site	<a href="http://www.hpe.com/networking/support">www.hpe.com/networking/support</a>
End-of-Life Information	<a href="http://www.arubanetworks.com/support-services/end-of-life/">www.arubanetworks.com/support-services/end-of-life/</a>
Security Incident Response Team (SIRT)	<a href="http://www.arubanetworks.com/support-services/security-bulletins">www.arubanetworks.com/support-services/security-bulletins</a>  Email: <a href="mailto:aruba-sirt@hpe.com">aruba-sirt@hpe.com</a>

### Copyright

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### Open Source Code

This product includes code licensed under the GNU General Public License, the GNU Lesser General Public License, and/or certain other open source licenses.

A complete machine-readable copy of the source code corresponding to such code 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, send a check or money order in the amount of US \$10.00 to: