Aruba AP-USB-ZB Zigbee Module

Startup Guide

a Hewlett Packard Enterprise company

0512095-03

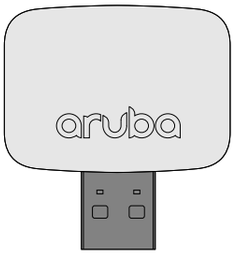
The Aruba AP-USB-ZB Zigbee Module is designed to enable selected Aruba access points with USB interface to support IOT use cases with external USB Zigbee 802.15.4 radio. The AP-USB-ZB Zigbee Module provides instant access to Zigbee networks and enables network configuration and diagnostics as well as device monitoring.

Package Contents

- AP-USB-ZB Zigbee Module (in packs of 1, 10, or 50)

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

Figure 1 *AP-USB-ZB Zigbee Module Front*



Installation and Activation

To install this device, plug it into the USB port of your Aruba access point or use a Type A extension cable no more than 3 meters long. Make sure to enable the USB after installation.

The Aruba AP-USB-ZB Zigbee module is only compatible with Aruba or OEM-branded Aruba access points.

Figure 2 *Access Point USB Port*

Safety and Regulatory Compliance

Aruba Networks provides a multi-language document that contains country-specific restrictions and additional safety and regulatory information for all Aruba devices.

The regulatory model number (RMN) for the AP-USB-ZB Zigbee Module is:

- AP-USB-ZB Zigbee Module RMN: ARBTUSBZB1

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

RF Radiation Exposure Statement

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 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 for 2.4 GHz. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Déclaration sur les limites d'exposition aux radiofréquences

Cet équipement est conforme aux limites d'exposition aux rayonnements radioélectriques spécifiées. Il doit être installé et utilisé à une distance minimale de 20 cm par rapport à votre corps pour les fréquences de 2,4 GHz. Cet émetteur-récepteur ne doit pas être utilisé ou situé à proximité d'autres antennes ou émetteurs-récepteurs.

Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas 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. Select the document that corresponds to your device's model number as it is indicated on the product label.

Radio	Frequency Range MHz (Wi-Fi)	Max EIRP
Zigbee	2402-2480	9.9 dBm

Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

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. T-he 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 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 location beacons 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 AP-USB-ZB Zigbee Module Installation Guide*

Thailand

Contact Aruba

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

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:

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 and select the “HPE Servers, Storage, and Networking” option from the Product Support menu to access HPE’s Warranty Check.

a Hewlett Packard Enterprise company

3333 Scott Boulevard
Santa Clara, California 95054
USA

Hewlett Packard Enterprise

CE

SIMPLIFIED DECLARATION OF CONFORMITY

The Regulatory Model Number **[RMN]** for this device can be found in the Regulatory Compliance section of this document.

EN	Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type **[RMN]** is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.hpe.com/eu/certificates.
DE	Hiermit erklärt Hewlett Packard Enterprise Company, dass der Funkanlagentyp **[RMN]** der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: www.hpe.com/eu/certificates.
FR	Le soussigné, Hewlett Packard Enterprise Company, déclare que l'équipement radioélectrique du type **[RMN]** est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: www.hpe.com/eu/certificates.
IT	Il fabbricante, Hewlett Packard Enterprise Company, dichiara che il tipo di apparecchiatura radio **[RMN]** è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.hpe.com/eu/certificates.
ES	Por la presente, Hewlett Packard Enterprise Company declara que el tipo de equipo radioeléctrico **[RMN]** es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: www.hpe.com/eu/certificates.
PL	Hewlett Packard Enterprise Company niniejszym oświadcza, że typ urządzenia radiowego **[RMN]** jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: www.hpe.com/eu/certificates.
RO	Prin prezenta, Hewlett Packard Enterprise Company declară că tipul de echipamente radio **[RMN]** este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: www.hpe.com/eu/certificates.
NL	Hierbij verklaar ik, Hewlett Packard Enterprise Company, dat het type radioapparatuur **[RMN]** conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: www.hpe.com/eu/certificates.
HU	A Hewlett Packard Enterprise Company igazolja, hogy az **[RMN]** típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.hpe.com/eu/certificates.
PT	O(a) abaixo assinado(a) Hewlett Packard Enterprise Company declara que o presente tipo de equipamento de radio **[RMN]** está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: www.hpe.com/eu/certificates.
EL	Με την παρούσα ο/η Hewlett Packard Enterprise Company, δηλώνει ότι ο ραδιοεξοπλισμός **[RMN]** πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: www.hpe.com/eu/certificates.
SV	Härmed försäkrar Hewlett Packard Enterprise Company att denna typ av radioutrustning **[RMN]** överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: www.hpe.com/eu/certificates.
CS	Tímto Hewlett Packard Enterprise Company prohlašuje, že typ rádiového zařízení **[RMN]** je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: www.hpe.com/eu/certificates.
BG	С настоящото Hewlett Packard Enterprise Company декларира, че този тип радиосъоръжение **[RMN]** е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.hpe.com/eu/certificates.
SK	Hewlett Packard Enterprise Company týmto vyhlasuje, že rádiové zariadenie typu **[RMN]** je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.hpe.com/eu/certificates.
DA	Hermed erklærer Hewlett Packard Enterprise Company, at radioudstyrstypen **[RMN]** er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: www.hpe.com/eu/certificates.
FI	Hewlett Packard Enterprise Company vakuuttaa, että radiolaitetyyppi **[RMN]** on direktiivin 2014/53/EU mukainen. EUvaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: www.hpe.com/eu/certificates.
LT	Aš, Hewlett Packard Enterprise Company, patvirtinu, kad radijo įrenginių tipas **[RMN]** atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: www.hpe.com/eu/certificates.
NO	Hewlett Packard Enterprise Company erklærer herved at utstyret **[RMN]** er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU. Samsvarserklæring: www.hpe.com/eu/certificates.
SL	Hewlett Packard Enterprise Company potrjuje, da je tip radijske opreme **[RMN]** skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.hpe.com/eu/certificates.
ET	Käesolevaga deklareerib Hewlett Packard Enterprise Company, et käesolev raadioseadme tüüp **[RMN]** vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: www.hpe.com/eu/certificates.
HR	Hewlett Packard Enterprise Company ovime izjavljuje da je radijska oprema tipa **[RMN]** u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: www.hpe.com/eu/certificates.
LV	Ar šo Hewlett Packard Enterprise Company deklarē, ka radioiekārta **[RMN]** atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: www.hpe.com/eu/certificates.
IS	Hér með lýsir Hewlett Packard Enterprise yfir því að **[RMN]** er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing: www.hpe.com/eu/certificates.
MT	B'dan, Hewlett Packard Enterprise Company, niddikjara li dan it-tip ta' tagħmir tar-radju **[RMN]** huwa konformi mad-Direttiva 2014/53/UE.It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: www.hpe.com/eu/certificates.

EU Regulatory Contact:
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E-mail: tre@hpe.com
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