

HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway Startup Guide



**Hewlett Packard
Enterprise**



0512282-03

Thank you for purchasing an HPE Aruba Networking Gateway.

The HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway (EC-10106) provides high-performance networking and SD-WAN in a compact and cost-effective form factor, ideally suited for small branch and remote office environments.

Package Contents

- HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway
- DB9-RJ45 console cable (1)
- Ethernet cable (4)
- Grounding cable – 14 AWG (1)
- Power adapter (1)
- Power cable (1)
- Crossover adapter (2)
- Power adapter tray (1)
- Power adapter bracket (1)
- Rack mount brackets (2)
- M3 x 8 mm flat head screws (12)
- M3 Lock nut (2)
- M6 x 15 mm Phillips pan head screws (4)
- Rubber feet (4)
- Wall mount kit (2 screws, 2 anchors)
- Power cord retainer clip (1)



Optional accessories available for use with the HPE Aruba Networking EC-10106 SD-WAN Gateway are sold separately. Contact your sales representative for details and assistance.

User documentation, release notes, and the latest software images are available for download from the HPE Aruba Networking website: <http://arubanetworks.com/website/techdocs/sdwan/>

Installation



This device must be professionally installed and serviced by a trained HPE Aruba Networking Accredited SD-WAN Professional (AASP), or similar HPE Aruba Networking-certified technician. To install this device, refer to the *HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway Installation Guide* by scanning the QR code or visiting https://www.arubanetworks.com/website/techdocs/sdwan-PDFs/hardware/appliance/EC-10106_Install_Guide.pdf.

Software End User License Agreement

The End User License Agreement (EULA) information can be found at <https://www.arubanetworks.com/techdocs/sdwan/docs/eula>

EC-10106 Specifications

Physical

- Device Dimensions (HxWxD): 4.37 cm (1.72") x 29.48 cm (11.61") x 20.105 cm (7.92")
- Device Weight: 2.305 kg (5.08 lbs)

Electrical

- Ethernet
 - 2 x 10/100/1000Base-T Auto-sensing Ethernet RJ45 port with PoE
 - 2 x 1G Combo ports (10/100/1000BASE-T Auto-sensing Ethernet RJ45 / 1G SFP Transceiver Cage)
 - 2 x 1G/10G SFP+ cage
- Power
 - 54V DC power interface, supports powering through a 54 VDC, 3.05A AC-to-DC power adapter

Environmental

- Operating
 - Temperature Range: 0° C to 40° C (32° F to 104° F)
 - Humidity Range: 10% to 90% (RH), non-condensing
- Storage and Transportation
 - Temperature Range: -40° C to 70° C (-40° F to 158° F)
 - Humidity Range: 10% to 95% (RH), non-condensing

Regulatory Model Name

The regulatory model name for this gateway is SPEC-PR06.

Safety and Regulatory Compliance

HPE Aruba Networking provides a multi-language document that contains country-specific restrictions and additional safety and regulatory information for all HPE Aruba Networking products. This document can be viewed or downloaded from the following location: www.arubanetworks.com/safety_addendum

FCC Class B Part 15

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: 1) Reorient or relocate the receiving antenna. 2) Increase the separation between the equipment and receiver. 3) Connect the equipment into an outlet on a circuit that is different from that to which the receiver is connected. 4) Consult the dealer or an experienced radio or television technician for help.



CAUTION

Changes or modifications to this unit not expressly approved by HPE Aruba Networking, can void the user's authority to operate this equipment.

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.

Industry Canada

This Class B digital apparatus meets all of the requirements of the Canadian Interference-Causing Equipment Regulations. This device complies with Industry Canada's license-exempt RSS regulations. ICES-3(B)/NMB-3(B)

Déclaration d'Industrie Canada

Cet appareil numérique de la class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

EU Regulatory Conformance

European Union



The Declaration of Conformity made under EMC Directive 2014/30/EU is available for viewing at <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.



CAUTION

Use of controls or adjustments of performance or procedures other than those specified in this manual may result in hazardous radiation exposure.



CAUTION

Although this gateway has been tested up to 1 kV per CE immunity requirements, this product requires surge protection to be provided as part of the building installation to protect against unidirectional surges resulting from electrical switching and lightning strikes.

For protection against these surges in an outdoor installation, any exposed wiring must be shielded, and the shield for the wiring must be grounded at both ends.

Proper Disposal of Equipment

Waste of Electrical and Electronic Equipment



HPE Aruba Networking products at end of life are subject to separate collection and treatment in the EU Member States, Norway, and Switzerland and therefore are marked with the symbol shown at the left (crossed-out wheelie bin). The treatment applied at end of life of these products in these countries shall comply with the

applicable national laws of countries implementing Directive 2012/19/EU on Waste of Electrical and Electronic Equipment (WEEE).

For details about the European Union (EU) WEEE Directive, see "WEEE Information for Users" on the website <http://www.hpe.com/recycle>.

European Union RoHS



HPE Aruba Networking products also comply with the EU Restriction of Hazardous Substances Directive 2011/65/EU (RoHS). EU RoHS restricts

the use of specific hazardous materials in the manufacture of electrical and electronic equipment. Specifically, restricted materials under the RoHS Directive are Lead (including Solder used in printed circuit assemblies), Cadmium, Mercury, Hexavalent Chromium, and Bromine. Some HPE Aruba Networking products are subject to the exemptions listed in RoHS Directive Annex 7 (Lead in solder used in printed circuit assemblies). Products and packaging will be marked with the "RoHS" label shown at the left indicating conformance to this Directive.

An HPE Aruba Networking EdgeConnect SD-WAN gateway will be damaged if you connect the gateway to a PoE Power Source Equipment (PSE) configured in passive mode ("forced voltage" mode)!



WARNING

If you must connect an HPE Aruba Networking EdgeConnect gateway to a PSE device, disable the PoE interfaces. If you cannot disable the PoE functionality on the interfaces, configure the PoE interfaces in active mode to prevent permanent electrical damage to the gateway.

Contact HPE Aruba Networking

Main Site	http://www.arubanetworks.com
Support Site	http://asp.arubanetworks.com
Airheads Social Forums and Knowledge Base	http://community.arubanetworks.com/
North America Telephone	1-800-943-4526 1-650-750-0350
International Telephone	http://www.arubanetworks.com/support-services/contact-support/
Security Incident Response Team (SIRT)	http://www.arubanetworks.com/support-service/security-bulletins/ Email: aruba-sirt@hpe.com

Copyright

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Warranty

This hardware product is protected by an HPE Aruba Networking 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.

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 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



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 megfeleléségi 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 radiolaitetyypin [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 1999/5/EF. 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 skladnosti 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 1999/5/EC. Samræmisýfirlýsing: 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 .