



FORTINET



FortiAP 23JK

FAP-23JK

QuickStart Guide





February 25, 2025

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For Product License Agreement / EULA and Warranty Terms, visit <https://www.fortinet.com/content/dam/fortinet/assets/legal/EULA.pdf>





Product Registration

Thank you for purchasing a Fortinet Device.

Register to access:

- Cloud Management
- FortiGuard Updates
- Firmware Upgrades
- Technical Support
- Warranty Coverage

Please register your FortiGate:

Vous devez enregistrer le produit:

Debe registrar el producto:

登録のお願い:

请马上注册:

<https://support.fortinet.com>



Box Includes



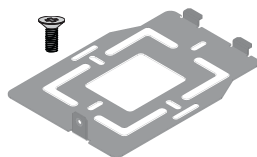
FortiAP 23JK



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Desktop Stand Kit
(Not Included)
(SKU: FAP-DESK-JK-10pk)



Mounting Bracket
and Screw



DC Power Adapter
(Not Included)



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Interfaces

Bottom view



1

2

3

4

5

1 LAN1 GE (RJ45)

4 DC Power input 54V 1.2A

2 LAN2 GE (RJ45)

5 RESET

3 LAN3 GE/PSE OUT (RJ45)



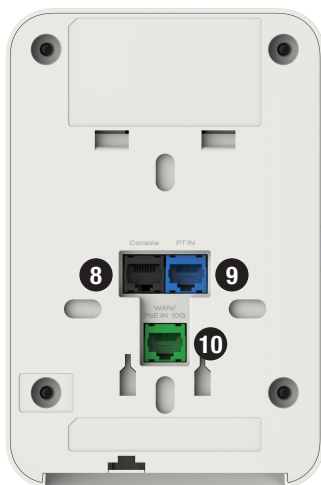
Left view

6 PT OUT

7 LED ON/OFF



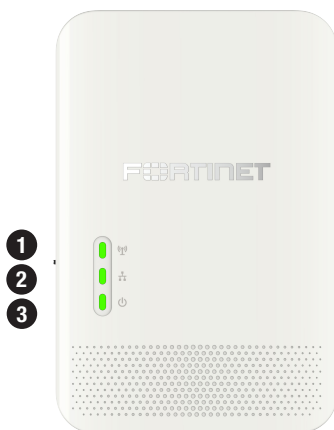
Back view



- 8** Console (RJ45)
- 9** PT IN (RJ45)
- 10** WAN/PoE IN (RJ45)

LED Indicators

Front view



1 WiFi

Off: WiFi is off

Green: WiFi is on

Blinking Green: WiFi is transmitting



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2 WAN



Off: Link is off



Green: Link is on



Blinking Green: Transmitting



Blinking Amber: Transmitting at 100Mbps

3 Power



Off: Device is off



Green: Device is on

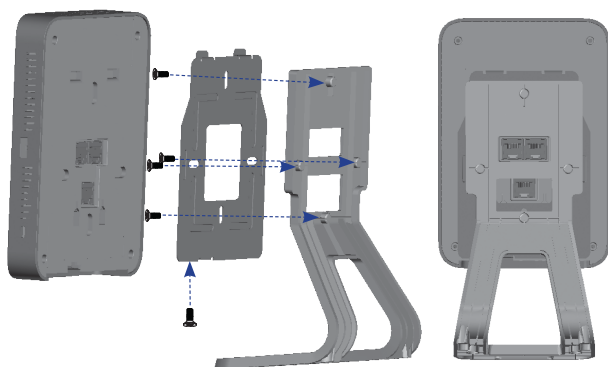


Blinking Green: Booting up or upgrading



Amber: Reserved for customizations

Desktop Stand (Not Included)

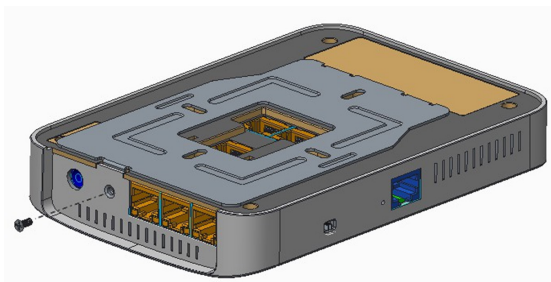


A desktop stand is not included (SKU: FAP-DESK-JK-10) but is available for purchase.

1. Attach the mounting bracket to the Desktop stand bracket using four screws.
2. Attach the device onto the latches of the mounting bracket and secure the device using the screw at the bottom of the bracket.
3. Attach the cables on the back of the device.



Wallmount Installation



Your device comes with wall mounting hardware.

1. Mark the location of the holes using the bracket.
2. Drill the holes for the screws (not provided).
3. Secure the mounting bracket to the wall with the screws.
4. Attach the device to the mounting bracket with provided screw.



Device Setup

Set up your device locally or on the cloud. Choose one of the following options to complete your setup and configure your device.



Cloud Setup

FortiAP Cloud

FortiAPCloud is a [cloud-based FortiAP management solution](#) and log retention service. It provides centralized reporting, traffic analysis, configuration management, and log retention.



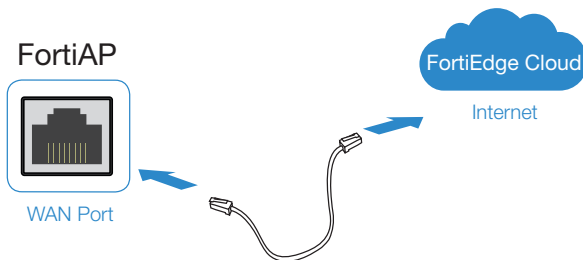
Local Setup

FortiGate Deployment

Your FortiAP can be [preauthorized](#) and [configured](#) using a [FortiGate](#). You can also authorize your FortiAP after you have connected it to the same network.

If the FortiGate is [not on the same network](#) as the FortiAP, you can log directly into the AP and use [FortiAP CLI configuration](#) and diagnostics commands found on [docs.fortinet.com](#) to setup the information to find the controller.

FortiAP Cloud



1. Log in to ca.fortiedge.forticloud.com using your FortiCloud credentials.
2. Click [Inventory](#), then click [Import AP Key](#).

Add AP

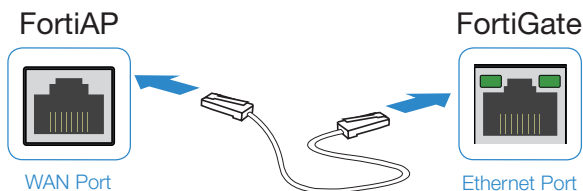
Please input the EdgeCloud Key to add an AP:

[Submit](#)

3. Input the [Cloud Key](#) found on the [sticker](#) on your device.

Info: Refer to the “Access Point Configuration” section of the FortiWiFi and FortiAP Configuration Guide found at <https://docs.fortinet.com/product/fortiap>

FortiAP Deployment



If the FortiGate is on the same network as the FortiAP:

1. [Preauthorize](#) your [FortiAP](#) device using your [FortiGate](#).
2. [Plug](#) the [FortiAP](#) into your local [Ethernet](#) connection.
3. The [FortiAP](#) will [self-configure](#).

Or

1. Instead of preauthorizing, [authorize the FortiAP](#) device [after you have connected](#) the [FortiAP](#) to the network.
2. Within two minutes of connecting the FortiAP to your FortiGate, the device will appear on the [Managed FortiAP](#) [page](#) in the [GUI](#) to authorize and assign a profile.



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If FortiGate is not on the same network as the FortiAP:

1. Log in to the FortiAP directly (IP address: 192.168.1.2) with username `admin` and `no password`, and specify the IP address of the controlling FortiGate.
2. Specify the IP address of the controlling FortiGate:

```
cfg -a AC_IPADDR_1=0.0.0.0
```

```
cfg -c
```

where `0.0.0.0` is the address of the FortiGate.
3. The FortiAP device connects to the FortiGate, and then you can `authorize` the FortiAP.



Cautions and Warnings

Environmental specifications

Ambient operating temperature: 0°C to 45°C.

Refer to specific Product Model Data Sheet for Environmental Specifications (Operating Temperature, Storage Temperature, Humidity, and Altitude).

Référez à la Fiche Technique de ce produit pour les caractéristiques environnementales (Température de fonctionnement, température de stockage, humidité et l'altitude).

Safety

Caution: This equipment is to be used in a Network Environment 0 per IECTR 62101. This product is connected only to PoE networks without routing to the outside plant.

Attention: Ce matériel doit être utilisé dans un Environnement Réseau 0 par IECTR 62101. Ce produit est uniquement connecté aux réseaux PoE sans installation externe de routage.

This product is intended to be supplied by a Listed Direct Plug-In Power Unit marked LPS or Class 2 and rated 54Vdc, 1.2A, or by 54Vdc from PoE source.

Le produit doit être alimenté par un bloc d'alimentation à courant continu homologué UL de 54Vdc, 1.2A nominal marqué LPS ou Class 2 ou par une source d'alimentation par Ethernet de 54Vdc (PoE).

Caution: Only 802.3af equipment shall be connected to PSE output port (LAN3/PSE).

Attention: Seuls les équipements 802.3af doivent être connectés au port de sortie PSE (LAN3/PSE).

Regulatory Notices

Federal Communication Commission (FCC) – USA

This device complies with Part 15 of 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 residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it 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 different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 50 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

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 in the 5.925-6.425 GHz band.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

Innovation, Science and Economic Development (ISED) – Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du 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.

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.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 26 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 26 cm de distance entre la source de rayonnement et votre corps.

For product available in the USA/Canada market, only channel 1–11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

Les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux

Operation shall be limited to indoor use only.

Le fonctionnement doit être limitée à une utilisation à l'intérieur seulement.





Devices shall not be used for control of or communications with unmanned aircraft systems.

Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes.

Devices shall not be used on oil platforms.

Les dispositifs ne doivent pas être utilisés sur les plateformes de forage pétrolier.

Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the 5925-6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 metres (10,000 feet).

Les dispositifs ne doivent pas être utilisés dans les aéronefs, à l'exception des points d'accès intérieurs de faible puissance, des dispositifs subordonnés intérieurs, des dispositifs clients de faible puissance et des dispositifs de très faible puissance fonctionnant dans la bande de 5 925 à 6 425 MHz, qui peuvent être utilisés dans les gros aéronefs tel qu'il est défini dans le Règlement de l'aviation canadien, et ce, lorsqu'ils volent à une altitude supérieure à 3 048 mètres (10 000 pieds).

Devices shall not be used on automobiles.

Les dispositifs ne doivent pas être utilisés dans les automobiles;

Devices shall not be used on trains.

Les dispositifs ne doivent pas être utilisés dans les trains;

Devices shall not be used on maritime vessels.

Les dispositifs ne doivent pas être utilisés sur les navires maritimes.

European Conformity (CE) – EU

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Simplified EU Declaration of Conformity

This declaration is only valid for Fortinet products (including combinations of software, firmware and hardware) provided by Fortinet or Fortinet's authorized partners to the end-customer directly for use within the EU or countries that have implemented the EU Directives and/or spectrum regulation. Any Fortinet products not obtained directly from Fortinet or Fortinet's authorized partners may not comply with EU Directives and Fortinet makes no assurances for such products.

Български

Този продукт е в съответствие с Директива 2014/53/ЕС.

Česky

Tento produkt je v souladu se směrnici 2014/53/EU.

Dansk

Dette produkt er i overensstemmelse med direktiv 2014/53/EU.

Deutsch

Dieses Produkt entspricht der Richtlinie 2014/53/EU.



**Eesti**

See toode vastab direktiivile 2014/53/EU.

English

This product is in compliance with Directive 2014/53/EU.

Español

Este producto cumple con la Directiva 2014/53/UE.

Ελληνική

Το προϊόν αυτό συμμορφώνεται με την Οδηγία 2014/53/ΕΕ.

Français

Ce produit est conforme à la Directive 2014/53/UE.

Hrvatski

Ovaj proizvod je u skladu s Direktivom 2014/53/EU.

Italiano

Questo prodotto è conforme alla Direttiva 2014/53/EU.

Latviski

Šis produkts atbilst Direktīvai 2014/53/EU.

Lietuvių

Šis gaminys atitinka direktyvą 2014/53/ES.

Malti

Dan il-prodott huwa konformi mad-Direttiva 2014/53/UE.

Magyar

Ez za termék megfelel a 2014/53/EU irányelvnek.

Nederlands

Dit product is in overeenstemming met Richtlijn 2014/53/EU.

Norsk

Dette produktet er i samsvar med direktiv 2014/53/EU.

Polski

Ten produkt jest zgodny z dyrektywą 2014/53/UE.

Português

Este produto está em conformidade com a Diretiva 2014/53/UE.

Rumunski

Acest produs este în conformitate cu Directiva 2014/53/UE.

Slovensky

Tento produkt je v súlade so smernicou 2014/53/EÚ.

Slovensko

Ta izdelek je v skladu z Direktivo 2014/53/EU.

Suomi

Tämä tuote on direktiivin 2014/53/EU mukainen.

Svenska

Denna produkt överensstämmer med direktiv 2014/53/EU.

Note: The full declaration of conformity for this product is available at the link below:

<https://site.fortinet.com/ProductRegulatory/EU>



The device is restricted to indoor use only when operating in the 5150 to 5350 MHz and 6 GHz frequency range in the following countries:

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK(NI)
	NO	IS	LI	TR	CH		

Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 3.1(a) , 3.1(b) , 3.2 of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

The product transmits within the frequency ranges and less than or equal to the power listed below:

BLE: 2402-2480MHz less than 10dBm
 ZigBee: 2405-2480MHz less than 20dBm
 WLAN: 2412-2472MHz less than 20dBm
 5180-5240MHz less than 23dBm
 5260-5320MHz less than 23dBm *
 5500-5700MHz less than 30dBm *
 5745-5825MHz less than 14dBm
 5955-6415MHz less than 23dBm

Note: * Only with DFS bands certification.

UK Conformity Assessed (UKCA) – United Kingdom

The product transmits within the frequency ranges and less than or equal to the power listed below:

BLE: 2402-2480MHz less than 10dBm
 ZigBee: 2405-2480MHz less than 20dBm
 WLAN: 2412-2472MHz less than 20dBm
 5180-5240MHz less than 23dBm
 5260-5320MHz less than 23dBm *
 5500-5700MHz less than 30dBm *
 5745-5825MHz less than 14dBm
 5955-6415MHz less than 23dBm

Note: * Only with DFS bands certification.

This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

This product is in compliance with Statutory Instrument 1206 Radio Equipment Regulations 2017 Operations in the 5.15-5.35GHz and 5925-6425 MHz bands are restricted to indoor usage only.

The full Declaration of Conformity for this product is available in the link below:

<https://site.fortinet.com/ProductRegulatory/UK>





Voluntary Control Council for Interference (VCCI) – Japan

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

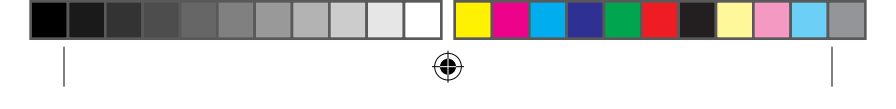
取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B









Fortinet Customer Service and Support

Create a support account, register and manage your products, download updates, firmware images and release notes, and create technical support tickets.

<https://support.fortinet.com>

Fortinet Document Library

Up-to-date versions of Fortinet publications for the entire family of Fortinet products.

<http://docs.fortinet.com>

Training Services

Course descriptions, availability, schedules, and location of training programs in your area.

<http://www.fortinet.com/training>

Technical Discussion Forums

Communicate with other customers and Fortinet partners about Fortinet products, services, and configuration issues.

<https://support.fortinet.com/forum>

FortiGuard Threat Research and Response

Up-to-date information on vulnerabilities and threats, includes a virus scanner, IP signature look-up, and web filtering tools.

<http://www.fortiguard.com>



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