



FORTINET

QuickStart Guide

FortiAP 221K

FAP-221K



The Essentials

Secure your Network

For the latest threat protection updates, register at <https://support.fortinet.com>

Default Logins

((●)) <https://192.168.1.2>
Username: **admin**
Password: **leave blank**

 <https://fortiedge.forticloud.com>
Username: **user-defined**
Password: **user-defined**

Fortinet Documents Library

For getting started documentation admin guides, up-to-date hardware manuals and reference resources, visit <https://docs.fortinet.com/>

FortiEdge Cloud

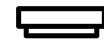
Experience simplified cloud provisioning, zero touch deployment, configuration management and reporting at <https://fortiedge.forticloud.com>

Package Contents

FortiAP 221K
FAP-221K



QuickStart Guide



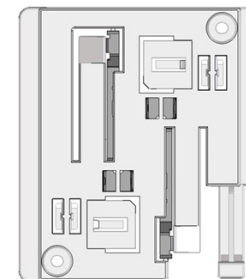
FortiAP Device



4x Mounting Screws



4x Anchors

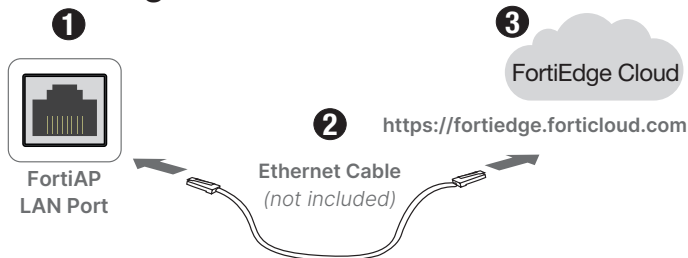


1x Mounting Bracket

Setup Options

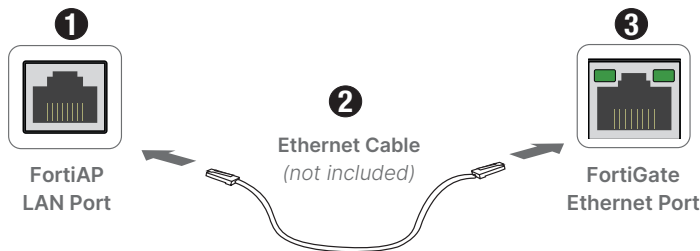
Power the FortiAP device with a PoE injector, FortiGate or FortiSwitch PoE port, or the optional (not included) power adapter.

FortiEdge Cloud



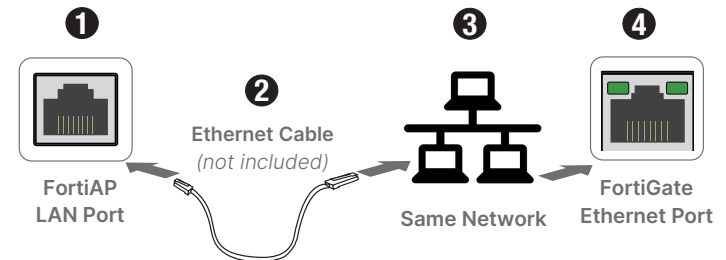
Note: Use your FortiCloud credentials to log in, then click Inventory, Import AP Key, and enter the Cloud Key on the device sticker.

Direct Connection



Note: To self-configure, preauthorize the FortiAP on your FortiGate. Otherwise once connected, wait for the FortiAP to appear on the Managed FortiAP page in FortiOS.

Network Connection



Note: Connect to the FortiAP using 192.168.1.2 with username *admin* and set a password. Specify the FortiGate IP using:

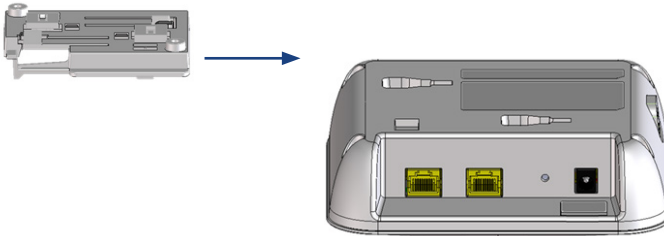
```
cfg -a AC_IPADDR=0.0.0.0
cfg -c
```

where 0.0.0.0 is the FortiGate IP.

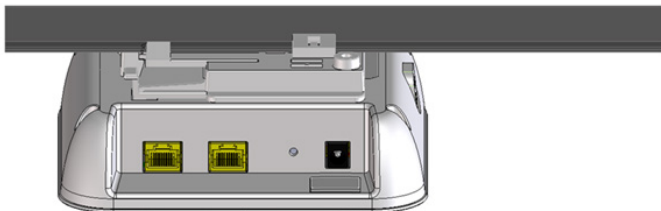
Ceiling Mount Installation

The FortiAP mounts on a ceiling using the provided T-rail mounting bracket.

1. With the ports facing you, slide the bracket left to right.



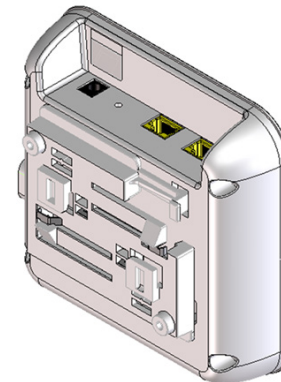
2. Hold the device against the ceiling T-rail and push until it snaps into place.



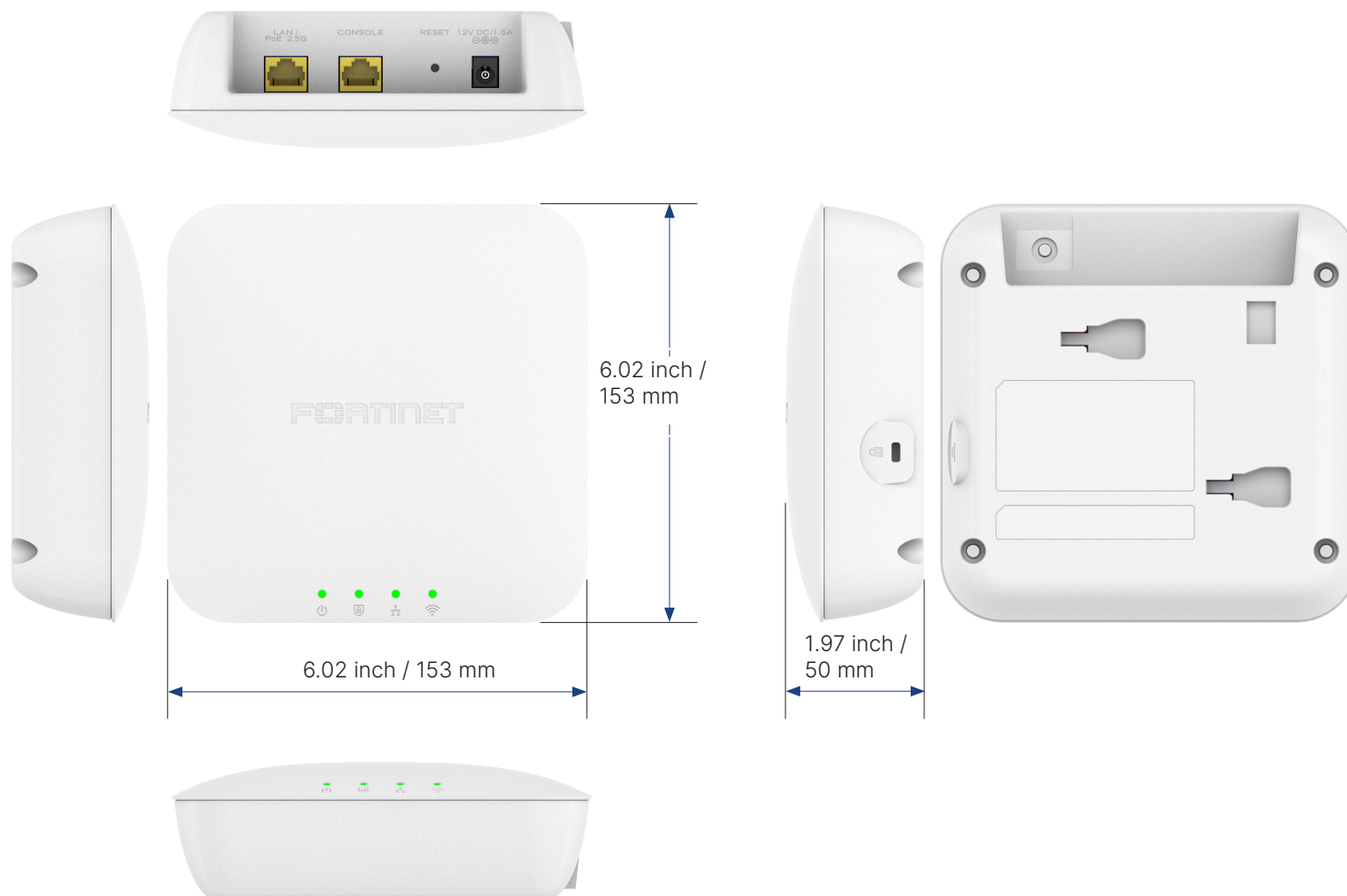
Wall Mount Installation

Your device comes with wall mounting hardware.

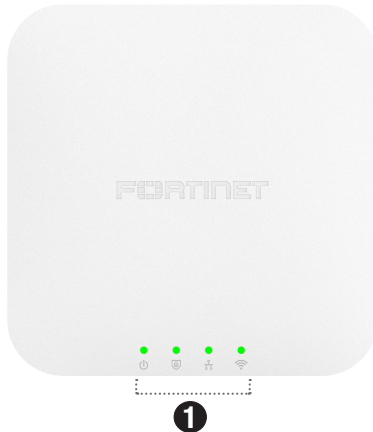
1. Mark the location of the holes using the bracket.
2. Drill the holes for the screws.
3. Secure the mounting bracket to the wall with the screws.
4. Attach the device to the mounting bracket with provided screw.



Dimensions



FAP 221K Interfaces



1 LED STATUS

Power

-  Off: Device is off
-  **Green:** Device is on; connected to a controller
-  **Amber:** Device is on; not connected to a controller

Code Integrity Check

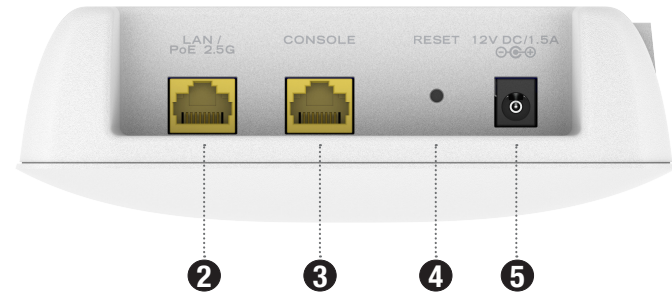
-  **Green:** Officially released image loaded
-  **Red:** Officially special build is loaded

LAN

-  Off: LAN is not connected
-  **Green:** LAN is connected
-  **Blinking Green:** LAN data activity

Wi-Fi

-  Off: WiFi not broadcasting
-  **Green:** SSID broadcasting
-  **Blinking Green:** Wireless data activity



- 2** LAN/ PoE 2.5 Gbps (RJ-45) Ethernet interface (802.3at PoE)
- 3** CONSOLE (RJ-45) CLI management
- 4** RESET system reset
- 5** OPTIONAL POWER (12V DC) Optional 12V DC 1.5A adapter

Cautions and Warnings

Environmental specifications

Ambient operating temperature: 0°C to 50°C

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.

CAUTION: Shock Hazard. Disconnect all power sources.

ATTENTION: Risque d'électrocution. Débranchez toutes les sources d'alimentation.

This product is intended to be supplied by a Listed Direct Plug-In Power Unit marked LPS or Class 2 and rated 12Vdc, 1.5A or by 55 Vdc from PoE source.

Le produit doit être alimenté par un bloc d'alimentation à courant continu homologué UL de 12Vdc, 1.5A nominal marqué LPS ou Class 2 ou par une source d'alimentation par Ethernet de 55Vdc (PoE).

Regulatory Notices

Federal Communication Commission (FCC) – USA

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 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 26cm 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.

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 soumise 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.

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

Pour les produits disponibles sur le marché des États-Unis/Canada, seuls les canaux 1 à 11 peuvent être utilisés. La sélection d'autres canaux n'est pas possible.

This equipment complies with ISRD radiation exposure

limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 31cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISRD établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 31cm de distance entre la source de rayonnement et votre corps.

The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

Le gain maximal d'antenne permis (pour les appareils utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and

Le gain maximal d'antenne permis pour les appareils utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.;

The worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.

Les angles d'inclinaison maximaux nécessaires pour rester conformes à l'exigence du masque d'élévation de la p.i.r.e. énoncée à la section 6.2.2(3) doivent être clairement indiqués.

Caution: 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.

Attention: L'appareil destiné à la bande 5150-5250 MHz est uniquement conçu pour un usage intérieur afin de réduire les risques d'interférences nuisibles avec les systèmes satellites mobiles utilisant la même fréquence.

Caution: The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

Attention: Le gain maximal d'antenne permis pour les appareils utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.; le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

IMPORTANT: The device must be professionally installed and must use the supplied antenna.

Professional Installation Instruction

1. Installation personnel
This product is designed for specific application and needs to be installed by qualified personnel who has RF and related rule knowledge. The general user shall not attempt to install or change the settings.
2. Installation location
The product shall be installed at a location where the radiating antenna can be kept 31cm from nearby person in normal operation condition to meet Regulatory RF exposure requirement. The installation applies to both indoor and outdoor location.
3. External antenna(s)
Use only the antenna(s) that have been approved by the manufacturer. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power that may lead to the violation of FCC/ISED limit and is prohibited.
4. Warning
Please carefully select the installation position and ensure that the final output power does not exceed the limit set forth in relevant rules. The violation of the rule could lead to serious federal penalty.

IMPORTANT: L'appareil doit être installé par un professionnel et doit utiliser l'antenne fournie. Instructions d'installation professionnelle.

1. Installation
Ce produit est conçu pour une application spécifique et doit être installé par du personnel qualifié possédant des connaissances en radiofréquence (RF) et en réglementation associée. L'utilisateur général ne doit pas tenter d'installer ou de modifier les paramètres.
2. Emplacement d'installation
Le produit doit être installé à un emplacement où l'antenne rayonnante peut être maintenue à une distance de ??? cm des personnes à proximité en condition normale de fonctionnement afin de respecter les exigences réglementaires en matière d'exposition aux radiofréquences (RF). Cette installation s'applique aussi bien aux emplacements intérieurs qu'extérieurs.
3. Antenne externe (s)
Utiliser uniquement l'antenne (s) approuvées par le fabricant. Les antennes non approuvées peuvent générer des émissions parasites ou une puissance RF excessive, ce qui pourrait entraîner une violation des limites FCC/ISED et est interdit.
4. Avertissement
Veuillez choisir soigneusement l'emplacement d'installation et vous assurer que la puissance de sortie finale ne dépasse pas la limite fixée par les règles applicables. Le non-respect de ces règles peut entraîner de lourdes sanctions fédérales.

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.



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

2402-2480MHz less than 20dBm
2412-2472MHz less than 20dBm
5180-5240MHz less than 23dBm *
5260-5320MHz less than 23dBm *
5500-5700MHz less than 30dBm *
5725-5875MHz less than 14dBm

Note: * Only with DFS bands certification.

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

Simplified EU Declaration of Conformity

Hereby, Fortinet, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

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

Български

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

Česky

Tento produkt je v souladu se směrnicí 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/EL.

English

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

Español

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

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/UE.

Latviski

Šis produkts atbilst Direktīvai 2014/53/ES.

Lietuvių

Šis gaminys atitinka direktyvą 2014/53/ES.

Malti

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

Magyar

Ez a 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/EU.

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.

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz 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)

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

In accordance with Article 10.8(a) and 10.8(b) 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:

Frequency Range (MHz)	Max. Transmit Power (dBm)
Bluetooth: 2402-2480MHz	20
WLAN 2.4GHz: 2412-2472MHz	20
WLAN 5GHz: 5180-5320MHz	23
WLAN 5GHz: 5500-5700MHz	30
WLAN 5GHz: 5725-5875MHz	13.98

UK Conformity Assessed (UKCA) – United Kingdom

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

2402-2480MHz less than 20dBm
2412-2472MHz less than 20dBm
5180-5240MHz less than 23dBm *
5260-5320MHz less than 23dBm *
5500-5700MHz less than 30dBm *
5725-5875MHz less than 14dBm

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**.

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

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

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency ranges in the following countries:





January 29, 2026

Copyright © 2026 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's SVP Legal and above, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.

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

FAP-221K-QSG-20260129

