

Firebox T145 Hardware Guide

The Firebox T145 delivers enterprise-grade network security for small branch offices and retail environment.

The Firebox T145 includes these features:

- 1 x 2.5 GbE RJ45 Ethernet port
- 4 x 1 GbE RJ45 Ethernet ports
- 1 x SFP+ port that supports 10 Gbps/1 Gbps with [compatible SFP+/SFP transceivers](#)
- T145-W model supports Wi-Fi 7 with dual-band external SMA antennas

Firebox Management in WatchGuard Cloud

You can locally-manage your Firebox with Fireware Web UI or WatchGuard System Manager (WSM), or you can manage your Firebox in WatchGuard Cloud.

WatchGuard Cloud enables you to monitor and configure your WatchGuard products in one place. You can set up your devices and configure and manage security and networking policies across multiple Fireboxes with flexible templates. For Service Providers, a multi-tier architecture makes it easy to manage inventory across your accounts.

- Go to [Quick Start — Set Up a New Firebox](#) for information on how to set up your new Firebox.
 - If you want to manage your Firebox in WatchGuard Cloud, select **Cloud-Managed** as the configuration method in the Web Setup Wizard.
 - If you want to locally-manage your Firebox, select **Locally-Managed** as the configuration method in the Web Setup Wizard.
- You can also set up your Firebox directly in WatchGuard Cloud as a new cloud-managed device. When you connect your Firebox to the network and start your new device with factory-default settings, the Firebox automatically connects to WatchGuard Cloud and gets the device configuration. For more information, go to [Add a Cloud-Managed Firebox to WatchGuard Cloud](#).

Fireware

The Firebox runs WatchGuard's next generation UTM operating system—Fireware. Fireware delivers exceptional protection against today's sophisticated threats to make sure that your business stays connected. For more information on the features of Fireware, go to [Firebox Feature Comparison — Locally-Managed and Cloud-Managed](#).

Upgrade Your Firebox

For the best security and the latest features, make sure you upgrade your Firebox to the latest available version of Fireware. To upgrade Fireware, use one of these methods:

- To upgrade a Firebox managed in WatchGuard Cloud, select your Firebox and click **Upgrade to firmware <version>**. For more information, go to [Manage Fireware Versions for Devices in WatchGuard Cloud](#).
- To upgrade a locally-managed Firebox, in Fireware Web UI, select **System > Upgrade OS**. For more information, go to [Upgrade Fireware or WatchGuard System Manager](#).

Package Contents

- Firebox device
- 1 x RJ45 Ethernet cable (Cat5e)
- 1 x power adapter (100~240 V) with regional power plug blades (US, EU, UK, AU)
- 3 x wireless antennas (T145-W only)
- 4 x rubber feet

About Your Hardware

Hardware Specifications

Component	Specification
Processor	MT7988A Quad-Core A73 at 1.8 GHz
Memory	4 GB DDR4 (2 GB x 2)
Flash Memory	4 MB QSPI NOR
Storage	16 GB eMMC
Network Interfaces	4 x 1 GbE RJ45 1 x 2.5 GbE RJ45 1 x 10 GbE SFP+ (Supported Transceivers)
I/O Interfaces	2 x USB-A 3.2 1 RJ45 Serial Port
Wireless Radios (T145-W only)	Radio 1 (2.4 GHz) Wi-Fi 7 2x2 802.11be/ax/b/g/n Data rate up to 688 Mbps Radio 2 (5 GHz) Wi-Fi 7 3x3 802.11be/ax/ac/a/n Data rate up to 4323 Mbps
Wireless Antennas (T145-W only)	2 x 2 SMA external 2.4 GHz and 5 GHz antennas 1 x 1 SMA external 5 GHz antenna
DC Power Input	12 V, 2.5 A
Power Supply	Input Ratings: 100-240 V, 50-60 Hz Output Ratings: 12 V, 2.5 A, 30 W Right-angle connector
Power Consumption	20 W (Max)
Dimensions	D = 230 mm (9.06"), W = 210 mm (8.27"), H = 44 mm (1.73")
Weight	T145 – 2.07 kg (4.55 lbs) T145-W – 2.17 kg (4.78 lbs)
Operating Temperature and Humidity	0° to 40° C (32° to 104° F) 0% to 95% non-condensing
Non-Operating Temperature and Humidity	-25° to 75° C (-13° to 167° F) 0% to 95% non-condensing
Mean Time Between Failures (MTBF)	846,422 hours

TPM (Trusted Platform Module)

This hardware contains a TPM chip for use with secure WatchGuard Cloud registration of the device.

Environmental Requirements

To safely install your Firebox, we recommend that you:

- Install the Firebox indoors.

- Deploy the Firebox in a secure area, such as a locked room, to block the device from people who do not have permission to use it.
- Connect the Firebox to a conditioned power supply to prevent damage from sudden power changes.
- Do not place other devices directly on the Firebox if you have installed the Firebox in a rack.

Hardware Description

Front View



Status

The Status indicator is red when there is a management connection to the device. The Status indicator is lit for 30 seconds after you connect to the device with Fireware Web UI or the command line interface. It is also lit when the device is polled by WatchGuard System Manager.

Mode

The Mode indicator shows the status of the external network connection. If the device can connect to the external network and send traffic, the indicator is green. The indicator flashes if the device cannot send traffic to the external network.

Attn

The Attn indicator is yellow when you start the device with the Reset button pressed. For more information, go to [Restore Factory-Default Settings](#).

Power (⏻)

The Power indicator is lit to indicate power status. It is green when the Firebox is powered on.

2.4 GHz and 5 GHz (T145-W only)

On the Firebox T145-W, the 2.4 GHz (Yellow) and 5 GHz (Green) wireless radio indicators are lit when the wireless interface is enabled. The indicator flashes to indicate network activity.

Network Interface Status Indicators

The Firebox has six network interfaces. There are two status indicators for each interface on the front of the device. The indicator flashes to indicate network activity. The flashing speed increases as the data sent or received increases.



2.5G Interface (0)

- Yellow (upper) — 2.5 Gbps or 1000 Mbps (2.5G)
- Green (lower) — 10 Mbps or 100 Mbps (10M/100M)

1G Interfaces (1 to 4)

- Yellow (upper) — 1000 Mbps (1G)
- Green (lower) — 10 Mbps or 100 Mbps (10M/100M)

10G SFP+ Interface (5)

- Yellow (upper) — 10 Gbps (10G)
- Green (lower) — 1 Gbps (1G)

Rear View



Serial Port (RJ45)

The RJ45 serial console port enables serial connections to the device. An RJ45 serial cable is not included. For information on how to connect to the Fireware command line interface with the serial port, go to the *Fireware CLI Reference Guide* available from the [Product Documentation](#) web site.

USB Interfaces (USB)

The device has two USB 3.0 Type-A interfaces. You can connect a USB storage device for USB backup and restore or to store a support snapshot. For more information, go to [Use a USB Drive for System Backup and Restore](#).

Network Interfaces

The Ethernet interfaces have standard RJ45 connectors. The first two interfaces are labeled 0/WAN and 1/LAN.

- Interface 0 supports 2.5 Gbps and 10/100/1000 Mbps
- Interfaces 1 to 4 support 10/100/1000 Mbps
- Interface 5 SFP+ supports 10 Gbps and 1 Gbps with compatible SFP+/SFP transceivers. For a list of supported transceivers, go to [Supported SFP+/SFP transceivers for Firebox devices](#).

Left indicator (Activity) – The left LED indicator on the interface port flashes yellow to indicate network activity. The flashing speed increases as the data sent or received increases.

Right indicator (Connection) – The right LED indicator on the interface port indicates the connection status:

1G Interfaces



- Yellow – 1000 Mbps
- Green – 100 Mbps

- Not lit — 10 Mbps or no link

2.5G Interface



- Yellow — 2.5 Gbps
- Green — 1000 or 100 Mbps
- Not lit — No link

10G SFP+ Interface



- Yellow — 10 Gbps
- Green — 1 Gbps
- Not lit — No link

Reset Button

This button resets the device. To restore the device to factory-default settings, go to [Restore Factory-Default Settings](#).

Power Switch

Use the power switch to control the power supplied to the device.

Power Input

An AC power adapter is included with the Firebox. Connect the AC adapter to the device and to a power source. Use only the supplied AC power adapter.

WARNING: The power adapters are only for WatchGuard products, and not usable for other equipment.

External Antennas (T145-W Only)

The Firebox T145-W has three SMA connectors for the wireless radio antennas. Insert the antennas into the connectors on the Firebox, then turn the screw cap clockwise to tighten.

Kensington Lock Slot



A Kensington security lock slot is available on the side of the device for use with a security cable to secure your device.

AC Power Adapter

The included AC power adapter supplies power for the Firebox. The power supply connector has a screw-type retention mechanism. To prevent a disruption in the power supply, tighten the screw on the connector.

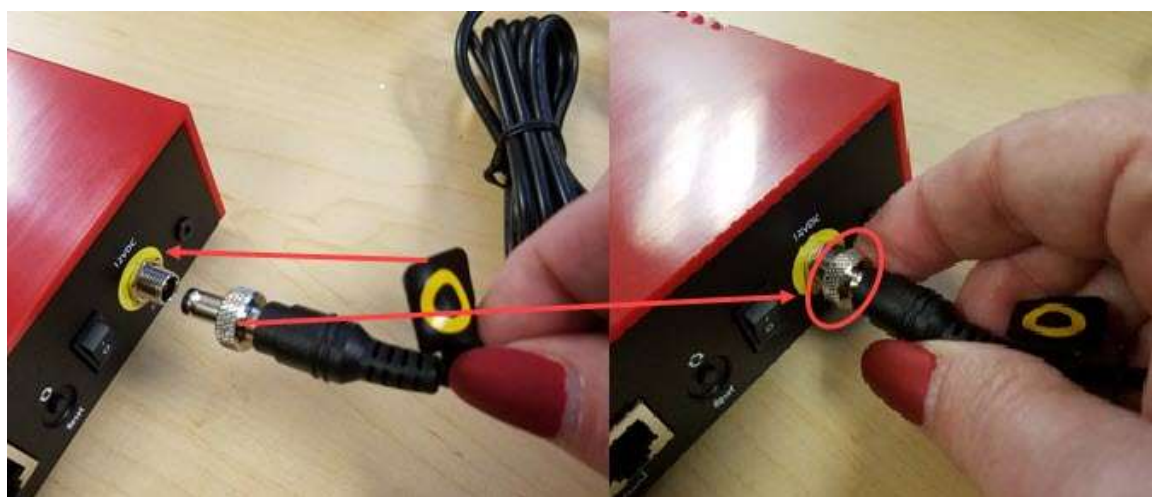
The AC power adapter includes four regional power plug blades (US, EU, UK, AU). Use the correct power plug for your region of operation.



Before you connect the adapter, verify that the color band on the cord matches the color ring around the power plug on the Firebox.

To safely connect the power supply:

1. Insert the silver connector on the power cord into the power port on the Firebox.
2. Tighten the screw until the connector is securely attached to the Firebox.



Wall Mount Instructions

You can mount the Firebox on a wall. This placement can improve wireless signal propagation for wireless Firebox models.

Use the cross holes on the bottom of the Firebox to mount the device to a wall with screws and anchors.



3. Determine where the Firebox will be placed and mark the location for the two mounting holes (109 mm / 4.29 inches apart).
2. Drill the two mounting holes and hammer the anchors into the holes.
3. Insert and tighten the screws into the anchors. Leave part of the screw exposed so you can place the Firebox on the screws.
4. Align the screws with the holes on the bottom of the Firebox and place the Firebox on the screws.
5. Slide the Firebox to secure the screws in the slots of the mounting holes.
6. Adjust the screws as necessary to make sure the Firebox is safely secured to the wall.

Rack Mount Instructions

An optional rack mount kit (WG9032) with ear brackets is available for the Firebox that enables you to install the device in a network rack.

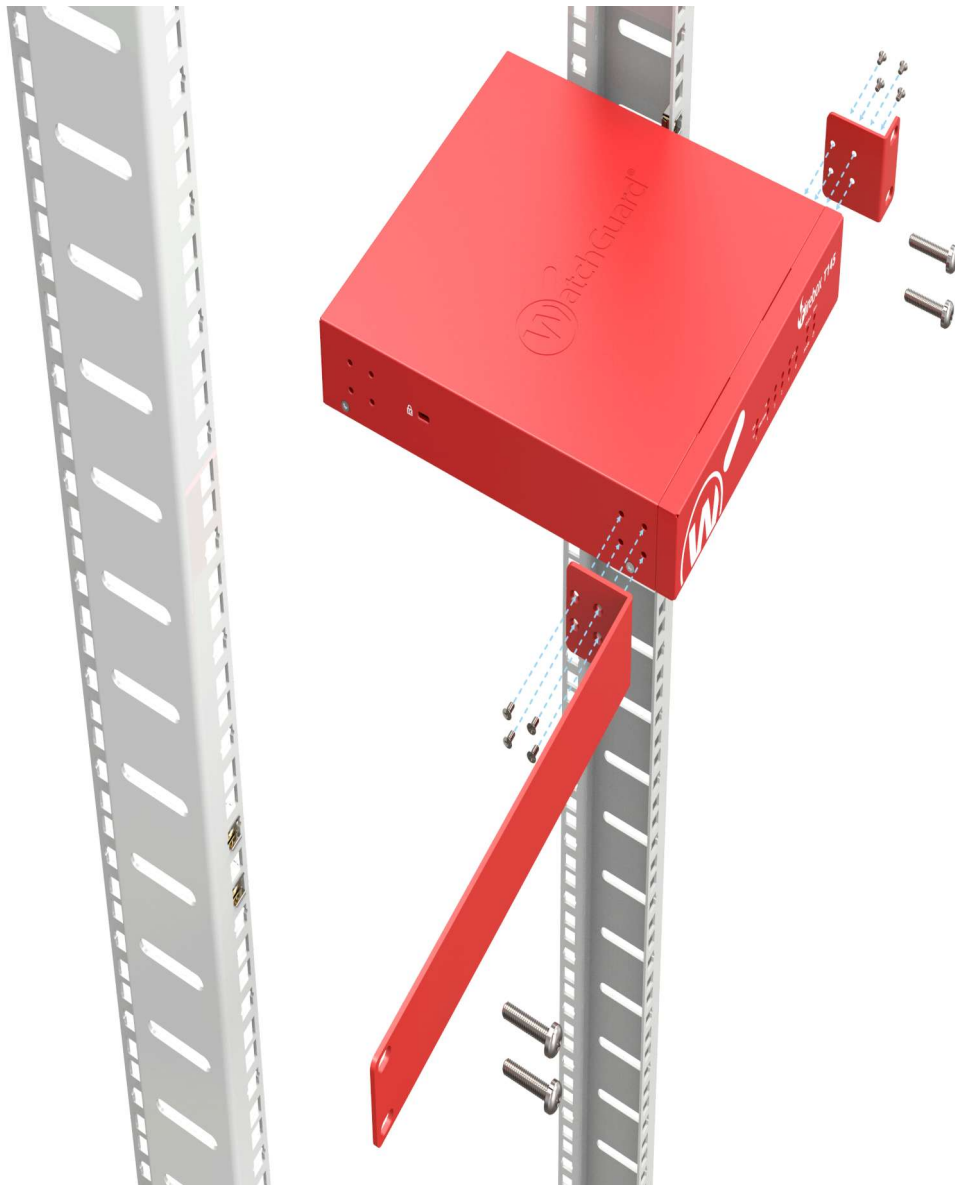
We recommend you do not install wireless Firebox models in a rack due to potential wireless interference.

The rack mount kit includes:

- 1 short ear bracket
- 1 long ear bracket
- 8 small screws

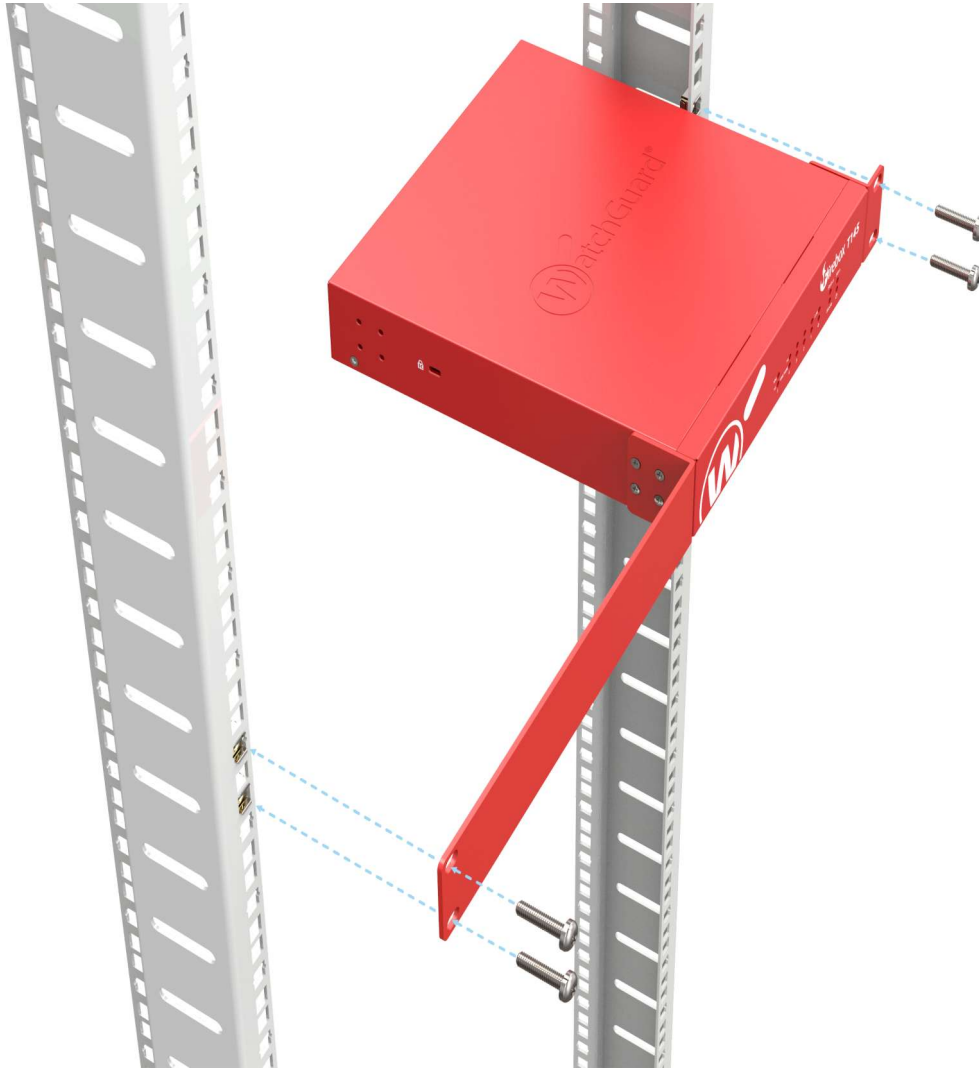
To install the Firebox in a rack:

1. Use the included screws to attach the short and long ear brackets to the sides of the Firebox before you install the device in the rack. You can install the long or short bracket on either side of the Firebox as required



2. Position the Firebox in the network rack so that the holes in the brackets align with the holes in the front of

the rack.



3. Use rack screws (not included) to securely attach the brackets to the front of the rack.



You can install the ear brackets on the front or the rear of the Firebox depending on which side you want to access from the front of the rack.



Precautions

WARNING: Do not place other devices directly on the Firebox, or use the Firebox as a shelf or work space.

When you install the device in a rack, make sure you consider these factors:

Elevated Operating Ambient Temperature

If you install the device in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment might be greater than room ambient. Make sure the ambient temperature of the rack environment is within the certified operating range specified in this Hardware Guide.

Reduced Air Flow

When you install the device in a rack, make sure that the amount of air flow required for safe operation of the equipment is not compromised.

Mechanical Loading

When you mount the device in the rack, avoid hazardous conditions caused by uneven mechanical loading.

Circuit Overloading

Make sure you connect the device to the power supply circuit in such a way that there is no overloading of the circuits, and no impact on overcurrent protection and supply wiring.

Reliable Grounding

Make sure all rack-mounted equipment is correctly grounded. For example, make sure you use power strips instead of direct connections to the branch circuit.

Restore Factory-Default Settings

If you have a problem in your configuration file that you cannot correct, or you cannot access the device, you can restore the device to factory-default settings and start with a new configuration. For example, if you do not know the administrator account passphrase, or if a power interruption causes damage to the Fireware operating system, you can restore the Firebox to the factory-default settings and build your configuration again.

To reset the Firebox to factory-default settings:

1. Power off the Firebox.
2. Press and hold the **Reset** button on the back of the Firebox.
3. Power on the Firebox while you continue to hold the **Reset** button.
4. Continue to hold the **Reset** button until the **Attn** indicator on the front of the Firebox begins to flash.
5. Release the **Reset** button.
6. Wait until the **Attn** indicator stays lit and does not flash.
7. Power off the Firebox.
8. Power on the Firebox.

The Firebox restarts with factory-default settings.

Notices

All WatchGuard products are designed and tested to meet strict safety requirements. These requirements include product safety approvals and other global compliance standards. Please read these instructions carefully before operating the product, and refer to them as needed to ensure the continued safe operation of your product.

For security, privacy, legal compliance, certifications, and environmental information, go to the [WatchGuard Trust Center](#).

Safety Warning

- The AC power cord is only for WatchGuard products, and not usable for other equipment.
本コードは本製品専用です。他の機器には使用しないでください。
- Do not place objects on the power cord.
- Do not obstruct the ventilation openings. These openings prevent overheating of the machine.
- Never push objects of any kind into slots or openings on this equipment. Making a contact with a voltage point or shorting out a part may result in fire or electrical shock.

- When removing or installing an appliance, follow the general installation safety instructions.
 - You must disconnect the AC power cord from the Firebox before you remove the cover of the Firebox for any reason.
 - There is risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the manufacturer's instructions.
- 警告 本電池如果更換不正確會有爆炸的危險，請勿自行更換電池。

Disclaimer

WatchGuard shall not be held liable if the end user alters, modifies, or repairs any WatchGuard hardware appliance.

Avis

Tous les produits WatchGuard sont conçus et testés pour répondre à des exigences de sécurité strictes. Ces exigences comprennent les approbations de sécurité des produits et d'autres normes de conformité mondiales. Veuillez lire attentivement ces instructions avant d'utiliser le produit, et consultez-les si nécessaire pour assurer le fonctionnement continu et sûr de votre produit.

Remarques sur la sécurité

- Le cordon d'alimentation secteur est uniquement destiné aux produits WatchGuard et ne peut pas être utilisé pour d'autres équipements.
- Ne placez pas d'objets sur le cordon d'alimentation.
- Ne pas obstruer les ouvertures de ventilation. Ces ouvertures évitent la surchauffe de la machine.
- N'introduisez jamais d'objets d'aucune sorte dans les fentes ou les ouvertures de cet équipement. Établir un contact avec un point de tension ou court-circuiter une pièce peut entraîner un incendie ou un choc électrique.
- Lors de la dépose ou de l'installation d'un appareil, respectez les consignes générales de sécurité d'installation.
- Vous devez débrancher le cordon d'alimentation CA du Firebox avant de retirer le couvercle du Firebox pour quelque raison que ce soit.
- Il y a un risque d'explosion si la batterie est remplacée par un type incorrect. Jetez les piles usagées conformément aux instructions du fabricant.

Clause de non-responsabilité

WatchGuard décline toute responsabilité si l'utilisateur final altère, modifie ou répare tout appareil matériel WatchGuard.

Hinweise Zur Sicherheit

Alle WatchGuard Produkte werden entwickelt und getestet, um strenge Sicherheitsanforderungen zu erfüllen. Diese Anforderungen umfassen Produktsicherheit Zulassungen und andere globale Compliance-Standards. Bitte lesen Sie die folgenden Anweisungen sorgfältig, bevor Sie das Produkt, und bezeichnen sie als notwendig, um den sicheren Betrieb des Geräts zu gewährleisten. Weitere Informationen finden Sie in der elektronischen Hardware Guide.

Sicherheitshinweis

- Das Netzkabel ist nur für WatchGuard-Produkte und nicht für andere Geräte geeignet.
- Legen Sie keine Gegenstände auf das Netzkabel.
- Verdecken Sie nicht die Lüftungsöffnungen. Diese Öffnungen verhindern eine Überhitzung der Maschine.
- Stecken Sie niemals Gegenstände jeglicher Art in die Schlitz- oder Öffnungen des Geräts stecken. Der Kontakt mit einem spannungsführenden Punkt oder das Kurzschließen eines Bauteils kann zu einem Brand oder elektrischen Schlag führen.
- Beim Entfernen oder Installieren eines Gerätes, nach den allgemeinen Installation Sicherheitshinweise.

- Sie müssen das Netzkabel von der Firebox trennen, bevor Sie die Abdeckung der Firebox aus irgendeinem Grund entfernen.
- Es besteht Explosionsgefahr, wenn die Batterie durch einen falschen Typ ersetzt wird. Entsorgen Sie gebrauchte Batterien gemäß den Anweisungen des Herstellers.

Haftungsausschluss

WatchGuard haftet nicht, wenn der Endbenutzer eine Hardware-Appliance von WatchGuard ändert, modifiziert oder repariert.

Aviso De Seguridad

Todos los productos WatchGuard están diseñados y probados para satisfacer estrictos requisitos de seguridad. Estos requisitos incluyen la homologación de productos de seguridad y otras normas de cumplimiento global. Por favor, lea atentamente las siguientes instrucciones antes de utilizar el producto, y se refieren a ellos como sea necesario para garantizar el funcionamiento seguro y continuo de su producto. Información adicional se puede encontrar en la Guía del usuario electrónica.

Advertencia de seguridad

- El cable de alimentación de CA es solo para productos WatchGuard y no se puede usar para otros equipos.
- No coloque objetos sobre el cable de alimentación.
- No obstruya las aberturas de ventilación. Estas aberturas evitan el sobrecalentamiento de la máquina.
- Nunca introduzca objetos de ningún tipo en las ranuras o aberturas del equipo. El contacto con puntos de voltaje o el cortocircuito de una pieza podría provocar un incendio o una descarga eléctrica.
- Al extraer o instalar un electrodoméstico, siga las instrucciones generales de instalación de seguridad.
- Debe desconectar el cable de alimentación de CA del Firebox antes de quitar la tapa del Firebox por cualquier motivo.
- Existe riesgo de explosión si la batería se reemplaza por una del tipo incorrecto. Deseche las baterías usadas de acuerdo con las instrucciones del fabricante.

Descargo de responsabilidad

WatchGuard no será responsable si el usuario final altera, modifica o repara cualquier dispositivo de hardware de WatchGuard.

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 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 different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

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

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

Operations in the 5.15-5.25 GHz band are restricted to indoor usage only.

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

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator & your body.

ISED / IC (Canada)

This device complies with ISED's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) where applicable, antenna type(s), antenna models(s), and 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.

Avertissement

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

(i) les dispositifs fonctionnant dans la bande 5150-5250 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;

(ii) lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations

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 20cm de distance entre la source de rayonnement et votre corps.

For indoor use only. Pour une utilisation en intérieur uniquement.

UKCA (United Kingdom)

This device is in conformity with the relevant legislation of the United Kingdom. To view the full UK Declaration of Conformity for this device, go to the WatchGuard Trust Center at www.watchguard.com/wgrd-trust-center/declarations-conformity.

Standards:

- IR 2030 – UK Interface Requirements 2030
- EN 55032:2015+A11:2020
- EN 55035:2017+A11:2020
- EN IEC 61000-3-2:2019+A1:2021
- EN 61000-3-3:2013+A2:2021+AC:2022-01
- BS EN 55032:2015+A11:2020
- BS EN IEC 61000-3-2:2019+A1:2021
- BS EN 61000-3-3:2013+A2:2021
- BS EN 55035:2017+A11:2020
- EN IEC 62311:2020
- EN 50665:2017
- EN 50385: 2017
- IEC 62368-1:2018
- EN IEC 62368-1:2020+A11:2020
- BS EN IEC 62368-1:2020+A11:2020

Wireless Standards:

- ETSI EN 301 489-1 V2.2.3
- ETSI EN 301 489-3 V2.3.2
- ETSI EN 301 489-17 V3.3.1
- EN 300 328 V2.2.2
- EN 301 893 V2.1.1

Radiation Exposure Statement:

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator & your body.

Firebox Model	Frequency Range	Maximum Output Power (EIRP)
T145-W	2400–2483.5 MHz	20 dBm
	5150–5250 MHz	23 dBm
	5725–5850 MHz	23 dBm

CE (European Union)

This device is in conformity with the relevant legislation of the European Union. To view the full EU Declaration of Conformity for this device, go to the WatchGuard Trust Center at www.watchguard.com/wgrd-trust-center/declarations-conformity.

This device complies with Directive 2014/53/EU issued by the Commission of the European Community.

Standards:

- EN 55032:2015+A11:2020
- EN 55035:2017+A11:2020
- EN IEC 61000-3-2:2019+A1:2021
- EN 61000-3-3:2013+A2:2021+AC:2022-01
- EN IEC 62311:2020
- EN 50665:2017
- EN 50385:2017
- IEC 62368-1:2018
- EN IEC 62368-1:2020+A11:2020

Wireless Standards:

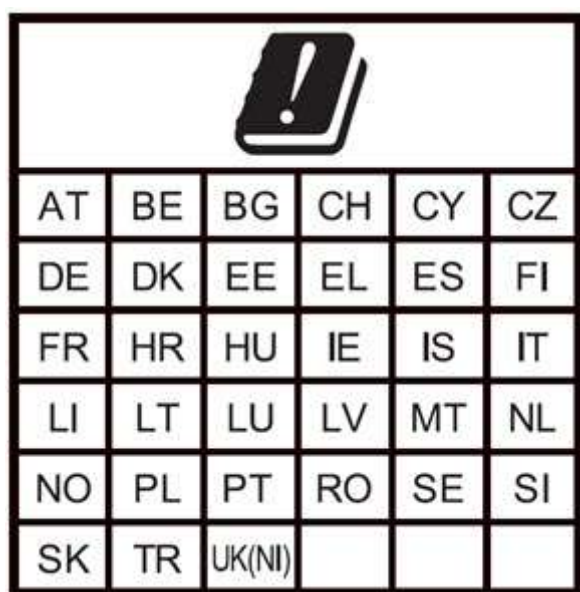
- ETSI EN 301 489-1 V2.2.3
- ETSI EN 301 489-3 V2.3.2
- ETSI EN 301 489-17 V3.3.1
- EN 300 328 V2.2.2
- EN 301 893 V2.1.1
- EN 300 440 V2.1.1

This device has software that cannot affect compliance with the Radio Equipment Directive (RED) 2014/53/EU, even if the software is changed or replaced.

Radiation Exposure Statement:

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator & your body.

This device is restricted to indoor use when operating in the 5150-5250 MHz frequency range in the indicated countries.



Firebox Model	Frequency Range	Maximum Output Power (EIRP)
T145-W	2400–2483.5 MHz	20 dBm
	5150–5250 MHz	23 dBm
	5725–5850 MHz	23 dBm

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

RoHS Statement

The Restriction of Hazardous Substances 2.0 (RoHS 2.0) in Electrical and Electronic Equipment Directive was passed into law by the European Union (EU). It affects manufacturers, sellers, distributors and recyclers of electrical and electronic equipment containing lead, cadmium, mercury, hexavalent chrome, polybrominated diphenylether (PBDE), polybrominated biphenyl (PBB), Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP). After June 4, 2015 the use of these materials are banned in new products sold in Europe.

WatchGuard declares that all products listed herein comply with European Union RoHS Directive (RoHS 2.0 2011/65/EU and 2015/863/EU) requirements taking the following Annex III exemptions: [stating the list of exemptions, 6(c) ,7(a) ,7(C)-1].

Access Points: AP130, AP230W, AP330, AP332CR, AP430CR, AP432

Firebox: N5V, T25, T25-W, T45, T45-PoE, T45-W-PoE, T45-CW, T85-PoE, T115-W, T125, T125-W, T145, T145-W, T185, M290, M295, M390, M395, M495, M590, M595, M690, M695

Substances Listed	Limit
Cadmium(Cd)	≤ 0.01% (100 ppm)
Hexa-valent Chromium (Cr6+)	≤ 0.1% (1000 ppm)
Lead (Pb)	≤ 0.1% (1000 ppm) *
Mercury (Hg)	≤ 0.1% (1000 ppm)
Polybrominated biphenyls (PBB)	≤ 0.1% (1000 ppm)
Polybrominated diphenylethers (PBDE or PBBE)	≤ 0.1% (1000 ppm)
Bis (2-ethylhexyl) phthalate (DEHP)	≤ 0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	≤ 0.1% (1000 ppm)
Dibutyl phthalate (DBP)	≤ 0.1% (1000 ppm)

Substances Listed	Limit
Diisobutyl phthalate (DIBP)	≤ 0.1% (1000 ppm)

* (contains Lead > 0.1% by weight because of exempted applications)

7a lead in high melting temperature type solders (i.e. lead based alloys containing 85 % by weight or more lead)

7(c) I. Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezo electronic devices, or in a glass or ceramic matrix compound.

WEEE Statement

WatchGuard asks that all our products to be recycled at the end of their current use to comply with local waste compliance requirements.

WatchGuard supports the EU Waste Electrical and Electronic Equipment (WEEE) Directive (2012/19/EU). That means that WEEE may not be disposed as unsorted municipal waste but is to be collected separately.

WatchGuard products are therefore labeled with this symbol:



The WEEE symbol on your WatchGuard equipment indicates that it should not be disposed of by the end user with unsorted municipal waste, but in a manner consistent with required EU Directives, and the local transposition of the Directive in the end user's jurisdiction. The symbol is placed per CENELEC standard EN50419.

WEEE may contain hazardous substances which may negatively affect the environment and human health when disposed of through normal channels. Batteries that are not enclosed in the waste equipment must be separated from it and disposed of separately before being handed in at a collection point. Old batteries, and in certain cases also the waste equipment, can likewise be returned free of charge to the point of sale. You are responsible for deleting any personal data on the waste equipment. WatchGuard is committed to reduce the negative environmental and human health effects of WEEE which will help prevent potential negative consequences for the environment and human health. If you are a consumer please use your local recycling option. This is usually your municipal refuse site.

Japan VCCI Notice (Class A ITE)

これはVCCI評議会の基準に基づくクラスA製品です。本製品がラジオやテレビ受信機の近くで使用されている場合は、電波障害を引き起こすことがあります。インストールして、取扱説明書に従って機器を使用しています VCCI-A

China Class A Notice

警告:未避免電磁干擾, 本產品不應安裝或使用於住宅環境。

Taiwan RoHS

設備名稱:次世代防火牆 型號(型式):Firebox T115-W (DPS1AE3), Firebox T125 (DPS2AE5) Firebox T125-W (DPS2AE5W), Firebox T145 (DPS3AE5), Firebox T145-W (DPS3AE5W), and Firebox T185 (DL1AE9) Equipment name Type designation (Type)						
單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
產品內外殼 (含框架)	0	0	0	0	0	0
電路板	0	0	0	0	0	0
電源供應器	0	0	0	0	0	0
配件(網路 線)	0	0	0	0	0	0
其它固定組 件(螺絲、夾 具)	0	0	0	0	0	0
備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。 Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. 備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 備考3. “—”係指該項限用物質為排除項目。 Note 3 : The “—” indicates that the restricted substance corresponds to the exemption.						

Taiwan Class A Notice

警告使用者：這是甲類產品，應使用並正確安裝。本產品可能會造成無線電干擾，在這種情況下，用戶可能需要採取適當的措施。

警示 本電池如果更換不正確會有爆炸的危險，請勿自行更換電池

Taiwan NCC

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

電磁波曝露量MPE標準值(MPE) 1mW/cm²，送測產品實值為0.338 mW/cm²

無線資訊傳輸設備避免影響附近雷達系統之操作

Taiwan BSMI CNS 15936 Type A Notice

警告:為避免電磁干擾，本產品不應安裝或使用於住宅環境。

Brazil ANATEL Notice

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

Mexico NOM Notice

La operación de este equipo está sujeta a las siguientes dos condiciones:

- (i) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (ii) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Limited Hardware Warranty

This Limited Hardware Warranty (the “Warranty”) applies to the enclosed hardware product, not including any associated software, which is licensed pursuant to a separate end-user license agreement and warranty (the “Product”). BY USING THE PRODUCT, YOU (either an individual or a single entity) AGREE TO THE TERMS HEREOF.

If you do not agree to these terms, please return this package, along with proof of purchase, to the authorized dealer from which you purchased it for a full refund. WatchGuard Technologies, Inc. (“WatchGuard”) and you agree as set forth below or on the reverse side of this card, as applicable.

1. **LIMITED WARRANTY.** WatchGuard warrants that upon delivery and for one (1) year thereafter (the “Warranty Period”): (a) the Product will be free from material defects in materials and workmanship, and (b) the Product, when properly installed and used for its intended purpose and in its intended operating environment, will perform substantially in accordance with WatchGuard applicable specifications.

This warranty does not apply to any Product that has been: (i) altered, repaired or modified by any party other than WatchGuard except for the replacement or inclusion of specified components authorized in, and performed in strict accordance with, documentation provided by WatchGuard; or (ii) damaged or destroyed by force majeure events, accidents, power spikes or similar events or by any intentional, reckless or negligent acts or omissions of any party. You may have additional warranties with respect to the Product from the manufacturers of Product components. However, you agree not to look to WatchGuard for, and hereby release WatchGuard from any liability for, performance of, enforcement of, or damages or other relief on account of, any such warranties or any breach thereof.

2. **REMEDIES.** If any Product does not comply with the WatchGuard warranties set forth in Section 1 above, WatchGuard will, following the receipt of the product you claim is defective and at its option, either (a) repair the Product, or (b) replace the Product with a like or similar product; provided, that you will be responsible for returning the Product and for all costs of shipping and handling. Repair or replacement of the Product shall not extend the Warranty Period. Any Product, component, part or other item replaced by WatchGuard becomes the property of WatchGuard. WatchGuard shall not be responsible for return of or damage to any software, firmware, information or data contained in, stored on, or integrated with any returned Products.
3. **DISCLAIMER AND RELEASE.** THE WARRANTIES, OBLIGATIONS AND LIABILITIES OF WATCHGUARD, AND YOUR REMEDIES, SET FORTH IN PARAGRAPHS 1 AND 2 ABOVE ARE EXCLUSIVE AND IN SUBSTITUTION FOR, AND YOU HEREBY WAIVE, DISCLAIM AND RELEASE ANY AND ALL OTHER WARRANTIES, OBLIGATIONS AND LIABILITIES OF WATCHGUARD AND ALL OTHER RIGHTS, CLAIMS AND REMEDIES YOU MAY HAVE AGAINST WATCHGUARD, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, WITH RESPECT TO ANY NONCONFORMANCE OR DEFECT IN THE PRODUCT (INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ANY IMPLIED WARRANTY ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE, ANY WARRANTY OF NONINFRINGEMENT, ANY WARRANTY OF UNINTERRUPTED OR ERROR-FREE OPERATION, ANY OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY IN TORT, WHETHER OR NOT ARISING FROM THE NEGLIGENCE (WHETHER ACTIVE, PASSIVE OR IMPUTED) OR FAULT OF WATCHGUARD OR FROM PRODUCT LIABILITY, STRICT LIABILITY OR OTHER THEORY, AND ANY OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY FOR LOSS OR DAMAGE TO, OR CAUSED BY OR CONTRIBUTED TO BY, THE PRODUCT).
4. **LIMITATION AND LIABILITY.** WATCHGUARD'S LIABILITY (WHETHER ARISING IN CONTRACT (INCLUDING WARRANTY), TORT (INCLUDING ACTIVE, PASSIVE OR IMPUTED NEGLIGENCE AND STRICT LIABILITY AND FAULT) OR OTHER THEORY) WITH REGARD TO ANY PRODUCT WILL IN NO EVENT EXCEED THE PURCHASE PRICE PAID BY YOU FOR SUCH PRODUCT. THIS SHALL BE TRUE EVEN IN THE EVENT OF THE FAILURE OF ANY AGREED REMEDY. IN NO EVENT WILL WATCHGUARD BE LIABLE TO YOU OR ANY THIRD PARTY (WHETHER ARISING IN CONTRACT (INCLUDING WARRANTY), TORT (INCLUDING ACTIVE, PASSIVE OR IMPUTED NEGLIGENCE AND STRICT LIABILITY AND FAULT) OR OTHER THEORY) FOR COST OF COVER OR FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOSS OF PROFITS, BUSINESS, OR DATA) ARISING OUT OF OR IN CONNECTION WITH THIS WARRANTY OR THE USE OF OR INABILITY TO USE THE PRODUCT, EVEN IF WATCHGUARD HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THIS SHALL BE TRUE EVEN IN THE EVENT OF THE FAILURE OF ANY AGREED REMEDY.
5. **MISCELLANEOUS PROVISIONS.** This Warranty will be governed by the laws of the state of Washington, U.S.A., without reference to its choice of law rules. The provisions of the 1980 United Nations Convention on Contracts for the International Sales of Goods, as amended, shall not apply. You agree not to directly or indirectly transfer the Product or use of the product or associated documentation to any country to which such transfer would be prohibited by the U.S. Export laws and regulations. If any provision of this Warranty is found to be invalid or unenforceable, then the remainder shall have full force and effect and the invalid provision shall be modified or partially enforced to the maximum extent permitted by law to effectuate the purpose of this Warranty. This is the entire agreement between WatchGuard and you relating to the Product, and supersedes any prior purchase order, communications, advertising or representations concerning the Product AND BY USING THE PRODUCT YOU AGREE TO THESE TERMS. IF THE PRODUCT IS BEING USED BY AN ENTITY, THE INDIVIDUAL INDICATING AGREEMENT TO THESE TERMS BY USING THE PRODUCT REPRESENTS AND WARRANTS THAT (A) SUCH INDIVIDUAL IS DULY AUTHORIZED TO ACCEPT THE WARRANTY ON BEHALF OF THE ENTITY AND TO BIND THE ENTITY TO THE TERMS OF THIS WARRANTY; (B) THE ENTITY HAS THE FULL POWER, CORPORATE OR OTHERWISE, TO ENTER INTO THE WARRANTY AND PERFORM ITS OBLIGATIONS UNDER THE WARRANTY AND; (C) THE WARRANTY AND THE PERFORMANCE OF THE ENTITY'S OBLIGATIONS UNDER THE WARRANTY DO NOT VIOLATE ANY THIRD-PARTY AGREEMENT TO WHICH THE ENTITY IS A PARTY.

No change or modification of the Warranty will be valid unless it is in writing and is signed by WatchGuard.

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