SonicWall® TZ380W Safety and Regulatory Information

Regulatory Model Number APL72-121

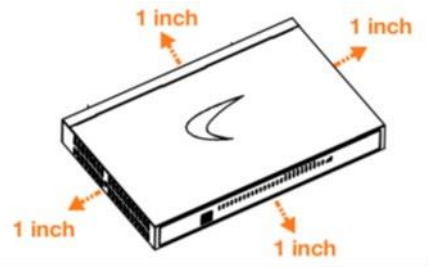
This document contains safety and regulatory information for the SonicWall TZ380W. The TZ380W (TZ380 Wireless) is a network security appliance with an internal wireless radio that can provide wireless access on either 5GHz or 2.4GHz and supports the 802.11 ax/ac/n/g/a/b standards.

Safety Information for Installation and Operation

Mounting the Appliance

Flat Surface Option

Place the TZ on a flat surface. Allow unrestricted airflow around the unit, leaving a minimum of 1 inch (25.44mm) clearance on all sides.



Installing the Appliance

⚠ **WARNING:** **For your safety, follow all instructions listed in this section.**

1 Install in a location away from direct sunlight and sources of heat. A maximum ambient temperature of 104º F (40º C) is recommended.

2 Route cables away from power lines, fluorescent lighting fixtures, and sources of noise such as radios, transmitters, and broadband amplifiers.

3 The included power cord(s) are approved for use only in specific countries or regions. Before using a power cord, verify that it is rated and approved for use in your location.

4 Ensure that no water or excessive moisture can enter the unit.

5 Allow unrestricted airflow around the unit and through the vents on the side of the unit. A minimum of 1 inch (25.44mm) clearance is recommended.

6 Consideration must be given to the connection of the equipment to the supply circuit. Appropriate consideration of equipment nameplate ratings must be used when addressing this concern. Do not overload the circuit.

7 Reliable grounding of power supply must be maintained. Particular attention must be given to power supply connections other than direct connections to the branch circuits, such as power strips.

8 When using a Fiber Optic Small-Form Pluggable (SFP) module, ensure it is IEC 60825 certified and a Class 1 Laser Product.

9 This equipment is not intended for use at workplaces with visual display units, in accordance with §2 of the German ordinance for workplaces with visual display units. To avoid incommoding reflections at visual display workplaces this device must not be placed in the direct field of view.

Lithium Battery Warning

The Lithium Battery used in the SonicWall security appliance may not be replaced by the user. Return the SonicWall security appliance to a SonicWall-authorized service center for replacement with the same or equivalent type recommended by the manufacturer. If, for any reason, the battery or SonicWall security appliance must be disposed of, do so following the battery manufacturer's instructions.

Cable Connections

All Ethernet and RS232 (Console) cables are designed for intra-building connection to other equipment. Do not connect these ports directly to communication wiring or other wiring that exits the building where the SonicWall appliance is located.

Power Supply Information

If the power supply is missing from your SonicWall product package, please contact SonicWall Technical Support at https://www.sonicwall.com/support/contact-support for a replacement.

This product should only be used with a UL listed power supply marked “I.T.E. LPS,” with an output rated 12V DC, minimum 5.0 A, Tma: minimum 40 degrees C.

A redundant power adapter is not provided with the product, but can be ordered separately.

Restricted Environments

The SonicWall wireless device, like other radio devices, emits radio frequency electromagnetic energy. The SonicWall wireless device operates within the guidelines found in radio frequency safety and recommendations. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature. In some situations or environments, the use of the SonicWall wireless device may be restricted by the proprietor of the building or responsible representatives of the applicable organization.

Examples of such situations include the following:

- Using the SonicWall wireless device equipment on board airplanes, or
- Using the SonicWall wireless device equipment in any other environment where the risk of interference with other devices or services is perceived or identified as being harmful.

If you are uncertain of the policy that applies to the use of wireless devices in a specific organization or environment (an airport, for example), you are encouraged to ask for authorization to use the SonicWall wireless device before you turn it on.

⚠ **WARNING: Explosive Device Proximity Warning: Do not operate a portable transmitter (such as a wireless network device) near unshielded blasting caps or in an explosive environment unless the device has been modified to be qualified for such use.**

⚠ **WARNING: Use on Aircraft Caution: Regulations of the FCC and FAA prohibit airborne operation of radio-frequency wireless devices because their signals could interfere with critical aircraft instruments.**

Radio or Television Interference

The SonicWall TZ380W wireless network device must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. SonicWall Inc. is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this SonicWall Wireless device kit, or the substitution or attachment of connecting cables and equipment other than that specified by SonicWall Inc. The correction of interference caused by such unauthorized modification, substitution or attachment is the responsibility of the user. SonicWall Inc. and its authorized resellers or distributors are not liable for any damage or violation of government regulations that may arise from the user failing to comply with these guidelines.

Informations sur la sécurité et la réglementation

Exigences relatives à l’installation

⚠ **AVERTISSEMENT: Les conditions suivantes sont requises pour une installation correcte.**

1 Procédez au montage dans un endroit à l'abri des rayons du soleil et des sources de chaleur. Une température ambiante maximale de 40 °C (104 °F) est recommandée.

2 Faites passer les câbles à une distance raisonnable des lignes électriques, des luminaires à lampe fluorescente et des sources de bruit telles que les radios, les émetteurs et les amplificateurs à large bande.

3 Les cordons d'alimentation inclus sont uniquement approuvés pour une utilisation dans certaines régions et certains pays. Avant d'utiliser un cordon d’alimentation, vérifiez qu’il est bien conforme et approuvé aux normes de votre emplacement.

4 Veillez à éviter tout contact de l'appareil avec de l'eau ou une humidité excessive.

5 Veillez à ce que l'air puisse facilement circuler autour de l'unité et à travers les aérations prévues sur le côté de l'unité. Laissez un espace d'au moins 25,44 mm.

6 Soyez particulièrement vigilant quant au raccordement de l'équipement au circuit d'alimentation. Respectez pour cela les mentions figurant sur la plaque d'identification du produit. Ne surchargez pas le circuit.

7 Il est impératif d'assurer une mise à la terre fiable et constante de l’alimentation Électrique. Portez une attention particulière aux branchements d'alimentation autres que des connexions directes aux circuits de dérivation, telles les multiprises.

8 En cas d'utilisation d'un module SFP (émetteur-récepteur enfichable é faible encombrement), assurezvous que l'équipement utilisé est certifié CEI 60825 et de Produit laser de classe 1.

Avertissement Relatif à la Batterie au Lithium Raccordements

La batterie au lithium située à l'intérieur de l'appareil de sécurité SonicWall ne peut en aucun cas être remplacée par l'utilisateur. L'appareil SonicWall doit être renvoyé à un atelier agréé SonicWall pour qu'on y procède au remplacement de la batterie par un modèle identique ou équivalent recommandé par le fabricant. Si, pour une raison ou une autre, la batterie ou l'appareil de sécurité SonicWall doit être mis au rebut, respectez les consignes du fabricant de la batterie en la matière.

Raccordements

Tous les câbles Ethernet et RS232 (console) sont conçus pour la connexion à d'autres appareils à l'intérieur d'un même bâtiment. Ne reliez pas ces ports directement à des câbles de communication ou à d'autres câbles qui sortent du bâtiment dans lequel se trouve l'appareil SonicWall.

Informations sur l’alimentation électrique

Si le bloc d'alimentation ne se trouve pas dans l'emballage de votre produit SonicWall, veuillez communiquer avec l'assistance technique de SonicWall au https://www.sonicwall.com/fr-fr/support/contact-support pour obtenir un remplacement. Ce produit ne doit être utilisé qu'avec un bloc d'alimentation homologué UL, portant la mention « I.T.E. LPS » et d'une puissance de sortie nominale de 12 V CC, 5,0 A minimum, TA : 40 °C minimum. Un redundant bloc d'alimentation n'est pas fournis avec le produit mais peut être commander separment.

AVIS: Des notifications réglementaires et informations supplémentaires pour ce produit se trouvent en line sur https://www.sonicwall.com/fr-fr/support.

Agency Specific Information

FCC ID: 2AKCZ-121

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception.

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.

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

NOTICE: The FCC regulations provide that changes or modifications not expressly approved by SonicWall Inc. could void your authority to operate this equipment.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the system with respect to the receiver.
- Move the system away from the receiver.

- Plug the system into a different outlet so that the system and the receiver are on different branch circuits.

If necessary, consult a representative of SonicWall Inc. or an experienced radio/television technician for additional suggestions.

NOTE: This SonicWall Wireless WLAN device must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. Any other installation or use will violate FCC Part 15 regulations. Modifications not expressly approved by SonicWall could void your authority to operate the equipment.

The following information is provided on the device or devices covered in this document in compliance with FCC regulations:

- Product name:

  SonicWall TZ380W
  Regulatory Model: APL72-121

- Company name:

  SonicWall Inc. is the responsible party for this product. For an EMC compliance issue or a regulatory inquiry, please use the following contact information:

  SonicWall Inc.
  1033 McCarthy Blvd
  Milpitas, CA 95035
  +1-888-557-6642

Radiation Exposure Statement (FCC)

CAUTION: The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, this device should be used in such a manner that the potential for human contact during normal operation is minimized. This device has been evaluated for and shown compliant with the FCC RF Exposure limits under mobile exposure conditions (antennas are greater than 20 cm from a person's body). Details of the authorized configurations can be found at https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm by entering the FCC ID number on the device.

United States of America Authorized Channels

SonicWall declares that the APL72-121 (FCC ID: 2AKCZ-121) when sold in the USA is limited to CH1-CH11 by specified firmware controlled in the USA.

CAUTION: This device is restricted to indoor use due to its operation in the 5.15GHz to 5.25GHz frequency range. The FCC requires this product to be used indoors for the frequency range 5.15GHz to 5.25GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.

High power radars are allocated as primary users of the 5.25GHz to 5.35GHz and 5.65GHz to 5.85GHz bands. These radar stations can cause interference with this device or can cause damage to this device, or both.

The APL72-121 device has been designed to operate with an antenna having a maximum gain of 2.78 dBi at 2.4 GHz, and 5.18 dBi at 5 GHz. Antenna having a higher gain is strictly prohibited. The required antenna impedance is 50 ohms.

Dynamic Frequency Selection (DFS) is required on all Wireless LAN Master devices (usually Access Points) and Wireless LAN Clients (usually Wireless NICs) that operate within 5470MHz – 5725MHz. SonicWall products that have these frequencies and channels enabled in this range comply with North American and International DFS requirements. Some frequencies are blocked, and cannot be selected by the user per each specific regional approval.

Specific to the USA, at the urging of the Federal Communication Commission (FCC) user/installers should avoid operation frequencies near Terminal Doppler Weather Radar (TDWR) systems frequencies 5600-5650 MHz when installing this product within 35km of line-of-site of TDWR sites. If TDWR is within 35km of this product, frequencies should be set to at least 30MHz above or below any TDWR system frequency at that site. TDWR locations and specific frequencies used can be found at http://spectrumbridge.com/udrs/home.aspx. Detailed current and background information can be found at http://www.wispa.org/?page_id=2341.

Innovation, Science and Economic Development Canada Notices

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

NOTICE: The Innovation, Science and Economic Development Canada regulations provide that changes or modifications not expressly approved by SonicWall Inc. could void your authority to operate this equipment.

Authorized Channels

SonicWall declares that the APL72-121 (IC: 22137-121) when sold in Canada is limited to CH1~CH11 by specified firmware controlled in the USA.

Operation

This device complies with RSS-247 of the Innovation, Science and Economic Development Canada 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.

Radiation Exposure Statement

This equipment complies with Innovation, Science and Economic Development Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 24 cm between the radiator and your body.

Antenna

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Innovation, Science and Economic Development Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter (IC: 22137-121) has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below with the maximum permissible gain and required

antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Approved Antenna:

- Type: Dipole
- Maximum gain: 2.78 dBi at 2.4 GHz, and 5.18 dBi at 5 GHz
- Required impedance: 50 ohms

Innovation, Sciences et Développement économique Canada Notifications

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

AVIS: Dans le cadre des réglementations d'Innovation, Sciences et Développement économique Canada, vos droits d'utilisation de cet équipement peuvent être annulés si des changements ou modifications non expressément approuvés par SonicWall Inc. y sont apportés.

Chaînes autorisées

SonicWall déclare que l' APL72-121 (IC: 22137-121) une fois vendu au Canada est limité à CH1~CH11 par spécifique microprogrammé aux Etats-Unis.

Opération

Cet appareil est conforme à la norme CNR-247 des Règles d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Déclaration de l'exposition aux radiations

Cet équipement est conforme à l'exposition aux rayonnements Innovation, Sciences et Développement économique Canada limites établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 24 cm de distance entre le radiateur et votre corps.

Antenne

Conformément à la réglementation d'Innovation, Sciences et Développement économique Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent émetteur radio (IC: 22137-121) a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Antenne Approuvée:

- Type: Dipole
- Gain maximum: 2.78 dBi at 2.4 GHz, and 5.18 dBi at 5 GHz
- Impédance requise: 50 ohms

低功率電波輻射性電機管理辦法

取得審驗證明之低功率射頻器材，非經核准，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。

低功率射頻器材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。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材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。

使用此產品時應避免影響附近雷達系統之操作。高增益指向性天線只得應用於固定式點對點系統。

電磁波曝露量 MPE 標準值 1mW/cm^2，送測產品實測值為 0.973 mW/cm^2。本產品使用時建議應距離人體 21 cm。

FCC, Class B

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NOTICE: The FCC regulations provide that changes or modifications not expressly approved by SonicWall Inc. could void your authority to operate this equipment.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the antenna of the radio/television receiver.
- Increase the separation between this equipment and the radio/television receiver.
- Plug the system into a different outlet so that the system and the receiver are on different power mains branch circuits.
- Consult a representative of SonicWall Inc. or an experienced radio/television technician for additional suggestions.

The following information is provided on the device or devices covered in this document in compliance with FCC regulations:

Product name:	SonicWall TZ380W
Regulatory Model:	APL72-121
Company name:	SonicWall Inc. 1033 McCarthy Blvd Milpitas, CA 95035

888-557-6642

Innovation, Science and Economic Development Canada, class B

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

NOTICE: The Innovation, Science and Economic Development Canada regulations provide that changes or modifications not expressly approved by SonicWall Inc. could void your authority to operate this equipment.

Innovation, Sciences et Développement économique Canada, classe B

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

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