

NAVIGATOR Z1 Ownership Information

All communications, notices and legal agreements have the meaning provided in the English language; translations into other languages are for convenience only. If there is any discrepancy between the translated and English version, the English version will prevail.

Models Covered

The information contained herein covers the following REALWEAR NAVIGATOR Z1 model(s):
T21S

You can find the model name on the NAVIGATOR Z1 one of the two device labels on the rear inner band. Serial Numbers are 15 characters in length.

You can find E-label by MY PROGRAMS -> ABOUT DEVICE -> VIEW REGULATORY.

Ownership Information Continued

NAVIGATOR Z1 Regulatory and Compliance Statements

WARNING: Changes or modifications made to this equipment not expressly approved by RealWear, Inc. for compliance could void the user's authority to operate the equipment.

FCC Statement

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 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

1. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
3. Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

IC Statement — English

1. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
 - This device may not cause interference, and
 - This device must accept any interference, including interference that may cause undesired operation of the device
2. This Class B digital apparatus complies with Canadian ICES-003.
4. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.
5. The Country Code Selection feature is disabled for products marketed in the US/Canada.
6. Devices shall not be used for control of or communications with unmanned aircraft systems

IC Statement — Français

1. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
 - l'appareil ne doit pas produire de brouillage, et
 - l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement
2. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
4. Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.
5. La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.
6. Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes.

Regulatory and Compliance Continued

IC Statement — FOR WLAN 5GHZ DEVICE

Caution

1. 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.
2. 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.
3. 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.
4. 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.
5. Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement 1

1. 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.
2. le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.
3. le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5825 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.
4. les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, et énoncée à la section 6.2.2 3), doivent être clairement indiqués.
5. De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Ownership Information Continued

Declaration of Conformity

EU Regulatory Conformance

Hereby, We, i.safe MOBILE GmbH declare that the radio equipment type T21S is in compliance with Directive 2014/53/EU.

EU Declaration of Conformity

Manufacturer:

Name: i.safe MOBILE GmbH

Address: i_Park Tauberfranken 10, 97922 Lauda-Koenigshofen, Germany

Radio Equipment:

Model: T21S

Brand: i.safe MOBILE, realwear

Description: Head Mounted Tablet

Radio-related Hardware Version: A

Radio-related Software Version: 1.0.4-14-T-NAVIGATOR-Z1.S

Supplied Accessories and Components: USB cable, Battery

Specification of Accessory				
Battery	Brand Name	i.safe MOBILE	Model Name	B21S
USB Cable	Brand Name	i.safe MOBILE	Model Name	PROTECTOR 2.0

We, i.safe MOBILE GmbH, declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations:

RE Directive (2014/53/EU), RoHS Directive (2011/65/EU)

The following harmonized standards and/or other relevant standards have been applied:

1. Health and Safety (Article 3.1(a) of the RE Directive)

- EN 50360:2017
- EN 50566:2017
- EN IEC 62311:2020
- EN 62209-2:2010
- EN 50665:2017
- EN IEC 62368-1:2020+A11:2020
- EN IEC 62368-1:2020+A11:2020
- EN 50332-2:2013

2. Electromagnetic compatibility (Article 3.1 (b) of the RE Directive)

- ETSI EN 301489-1 V2.2.3
- ETSI EN 301489-3 V2.3.2
- Draft ETSI EN 301489-17 V3.2.6
- ETSI EN 301489-19 V2.2.1

3. Radio frequency spectrum usage (Article 3.2 of the RE Directive)

- ETSI EN 300328 V2.2.2
- ETSI EN 301893 V2.1.1
- ETSI EN 300440 V2.2.1
- ETSI EN 303687 V1.1.1
- ETSI EN 303413 V1.2.1

4. RoHS Directive (2011/65/EU)

- EN IEC 63000:2018

The notified body (Name: Sporton International (USA) Inc., ID: 2907) performed the conformity assessment according to Annex III against the essential requirements Article 3.1(a), 3.1(b), 3.2 of the RE Directive and issued the EU-type examination certificate (Ref. No.:).

Signed for and on behalf of: i.safe MOBILE GmbH

Place: i_Park Tauberfranken 10, 97922 Lauda-Koenigshofen, Germany, Date: October 13, 2023

Name: Dirk Amann, Function: Certification Manager, Signature:

UK Regulatory Conformance

Hereby i.safe MOBILE GmbH declares that the radio equipment type T21S is in compliance with UK Radio Equipment Regulations 2017 (RER 2017 (SI 2017/1206)). The full text of the UK Declaration of Conformity is available at the following internet address: [RealWear Navigator® Z1 - Knowledge Base](#)

The local representative is RealWear, Stansted House, Stansted Park, Rowlands's Castle, Hampshire, P096DX

UK Declaration of Conformity

Manufacturer:

Name: i.safe MOBILE GmbH
Address: i.Park Tauberfranken 10
97922 Lauda-Koenigshofen, Germany

Radio Equipment:

Model: T21S
Brand: i.safe MOBILE, realwear
Description: Head Mounted Tablet
Radio-related Hardware Version: A
Radio-related Software Version: 1.0.4-14.T.NAVIGATOR.Z1.S
Supplied Accessories and Components: USB cable, Battery

Specification of Accessory				
Battery	Brand Name	i.safe MOBILE	Model Name	B21S
USB Cable	Brand Name	i.safe MOBILE	Model Name	PROTECTOR 2.0

We, i.safe MOBILE GmbH, declare under our sole responsibility that the above product is in conformity with the relevant statutory requirements: RER 2017 (SI 2017/1206), RoHS regulations 2012 (SI 2012/3032)

The following harmonized standards and/or other relevant standards have been applied:

1. Health and Safety (Regulation 6.1a)

- EN 50360:2017
- EN 50566:2017
- EN IEC 62311:2020
- EN 62209-2:2010
- EN 50665:2017
- EN IEC/IEEE 62209-1:2018
- EN IEC 62368-1:2020+A11:2020
- EN 50352-2:2013

2. Electromagnetic compatibility (Regulation 6.1b)

- ETSI EN 301489-1 V2.2.3
- ETSI EN 301489-3 V2.3.2
- Draft ETSI EN 301489-17 V3.2.6
- ETSI EN 301489-19 V2.2.1

3. Radio frequency spectrum usage (Regulation 6.2)

- ETSI EN 300328 V2.2.2
- ETSI EN 301893 V2.1.1
- ETSI EN 300440 V2.2.1
- ETSI EN 303687 V1.1.1
- ETSI EN 303413 V1.2.1

4. RoHS regulations 2012 (SI 2012/3032)

- EN IEC 63000:2018

The UK Approved body Sporton International (USA) Inc., with number 2907 has performed a conformity assessment in accordance with the procedures in Schedule 3 Module B against the essential requirements Regulation 6.1a, 6.1b, and 6.2 of the RER 2017 (SI 2017/1206), and issued the Type examination certificate:

Signed for and on behalf of: i.safe MOBILE GmbH

Place: i.Park Tauberfranken 10, 97922 Lauda-Koenigshofen, Germany

Date: October 13, 2023

Name: Dirk Amann, Function: Certification Manager, Signature:

NAVIGATOR Z1 Specific Absorption Rate (SAR) Information

Radiation Exposure Statement — Europe

No minimum separation distance needs to be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF Exposure requirements in Europe.

The limit recommended by RED is 2W/kg average over ten (10) gram of tissue for Head SAR.

The limit recommended by RED is 4 W/kg average over ten(10)gram of tissue for Limbs SAR.

The highest SAR value of the Navigator for use:

·Head SAR:0.110W/kg(10g)

·Limbs SAR:0.515 W/kg(10g)

Radiation Exposure Information — United States

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

The exposure standard for wireless employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

·Head SAR:0.69W/kg(1g)

Radiation Exposure Statement — Canada

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Ownership Information Continued

NAVIGATOR Z1 Limited Warranty and Software License

For RealWear's terms of sale and warranty information, please visit <https://www.realwear.com/legal/terms-of-sale/>