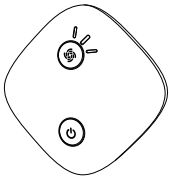


WisNode TrackIt[®]

Quick Start Guide



封面

红色为备注 不印刷

Powered by RAK[®]

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红色为备注 不印刷

Welcome to WisNode TrackIt!

Track your most precious assets with WisNode TrackIt. Place it on your vehicle, luggage, and even on your keys, and they are on your radar in the WisNode TrackIt app. The latest in GPS and LoRa® technologies help you to create your own private network and also allow you to join existing LoRaWAN® networks to find your TrackIt device and share it to the cloud.

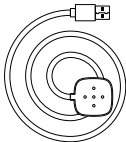
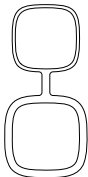
In addition, WisNode TrackIt features an off-grid messenger to stay in continuous touch with your asset.

- The LoRa® mark is a trademark of Semtech Corporation or its subsidiaries.
- LoRaWAN® is a mark used under license from the LoRa Alliance®

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Contents



WisNode TrackIt Protective silicon cases* Charging cables

Important!



- Do not immerse the device in water or other liquids
- Do not strike, throw or put pressure on the device
- Always use the charger that comes with your device, or optionally a compatible charging adapter
- Do not leave the device in direct sunlight or wet environments for long periods

*Case design might be different from the case shipped to you.

Getting Started

1. Download and install the WisNode TrackIt app on your phone from Google Play or Apple App Store.
 2. Sign in with your RAK ID or sign up for a new RAK ID if you don't have an account already.
 3. Once you're signed in, enable Bluetooth® function on your phone.
 4. Power on the TrackIt device by holding down the Power button for at least 3 seconds. Next, press the Function button to see a flash on the device. The flash confirms the device is switched on and working correctly.
 5. Start the pairing procedure on your phone to add the TrackIt device.
 6. Do not move your phone away from the device during the pairing process.
 7. Upon successful pairing, start tracking the device on the app.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

Product Specifications

Light	LED
Bluetooth	Bluetooth 4.2
Positioning	GPS/Glonass
Sensor	Six-axis (Gyro + Accelerator)
Battery	400mAh
Charging Port	Contact charging point
Transmitted Power	Peak MAX 1W
Battery	Lithium Battery
Weight	25g
Dimensions	42mm*42mm*18mm
Temperature	Charging Temperature: 10~45 °C
	Operation Temperature: -20~60 °C
Operating Range	Urban (crowded places) – up to 1-3 KM
	Populated Rural – up to 5-6 KM
	Rural open spaces – up to 10 KM
Waterproof	IP65

Button Function List

Charging	Charging	Blue breath
Full battery	100%	Green light
Low battery	≤ 20%	Red light



Function button

Power / SOS button

Power on	Press and hold for 3 seconds	Red
Power off		
Send SOS	Click 5 times	Red flash on
Cancel SOS		Red flash off

Help and Support

Should you have questions or concerns regarding the device, usage, safety, or maintenance, you can reach help and support from the app's menu.

Correct disposal of this product

This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.



Warnings!



- For your safety, do not use the device on the plane, near hospitals, pacemakers, or any other areas/times that restrict the use of electronic devices.
- Do not use near gas stations or any other dangerous environments (areas that might contain inflammable gas, gun powder, or other flammable substances).
- Do not use in areas/times that restrict wireless electronic products.
- Immediately stop using the product if you see smoke, unusual smell, heat or find anything unusual about the device's state.
- Do not open the device. Do not modify, alter, reverse engineer, tamper with, or repair the device.
- **Battery Warnings**
 - Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting a battery, can result in an explosion
 - Leaving a battery in an extremely high-temperature environment can result in an explosion or leakage of flammable liquid or gas
 - A battery in an extremely low air pressure environment can result in an explosion or leakage of flammable liquid or gas leakage.

Simplified EU Declaration of Conformity

Model: RAK2171

Manufacturer: Shenzhen RAKwireless Technology Co.,Ltd.
Room 506, Building B, New Compark, Pingshan First Road, Taoyuan
Street, Nanshan District, Shenzhen, Guangdong, China

Economic operators for EU:

Company	Address
Allnet	Maistr. 2, Munich 82110 Germering, Germany
Marcom SRL (marcomweb)	Via della Metallurgia 11, 37139 Verona, Italy

Economic operators for UK:

Metavurt Ltd	1st Floor Tuspark Newcastle 27 Grainger Street NE1 5JE Newcastle upon Tyne UK
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Hereby, **Shenzhen RAKwireless Technology Co., Ltd** declares that the radio equipment type **RAK2171** is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://rakwireless.com/RAK2171-CE>



FCC Compliance

This product complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

Note: This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 to a socket on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Pursuant to Section 15.21 of the FCC rules, changes or modifications to a product by the user that are not expressly approved by the party responsible for compliance could void the user's authority to operate the product. The product meets the FCC Radio Frequency Emission Guidelines and is certified with the FCC under the FCC ID number found on the device.

ISED Certification

ISED

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.

This Class B digital apparatus complies with Canadian ICES-003

Ce dispositif contient des émetteurs exonérés de permis(s)/récepteurs qui sont conformes aux RSS (s) exemptés de licence du Canada. L'opération est soumise aux deux conditions suivantes : 1. Cet appareil peut ne pas causer d'interférences. 2. Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent provoquer un fonctionnement indésirable de l'appareil.

RSS-102 Statement:

This equipment complies with Innovation, Science and Economic Development Canada's radiation exposure **limits** set forth for an **uncontrolled** environment.

Cet équipement est conforme aux **limites** d'exposition aux rayonnements de Développement économique Canada pour l'innovation, les sciences et le développement économique **établies** dans un environnement **incontrôlé**. "

Operating frequency range: 863-870MHz
Max. output power: 14dBm

Operating frequency range : 2402-2480MHz
Max. output power: 10 dBm






封底

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Room 506, Building B, New Compark, Pingshan First Road,
Taoyuan Street, Nanshan District, Shenzhen, Guangdong, China

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The SAR limit of USA/Canada is 1.6 W/kg averaged over one gram of tissue. This device has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification is 0.34W/kg when properly worn on the body and 0.44W/kg when properly worn on the extremity.

To maintain compliance with RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

La limite de R - S pour les États - Unis et le Canada est de 1,6 W / kg en moyenne par gramme de tissu. L'appareil a également été testé conformément à cette limite SAR. Au cours de la certification du produit, les valeurs SAR maximales déclarées conformément à la présente norme sont de 0,34w / kg (lorsqu'elles sont portées correctement sur le corps) et de 0,44w / kg (lorsqu'elles sont portées correctement sur les membres).

Pour maintenir la conformité à l'exposition aux radiofréquences, utilisez un accessoire qui maintient un espacement de 5 mm entre le corps de l'utilisateur et l'arrière du téléphone. Lors de l'utilisation de pinces de ceinture de sécurité, de manchons de canon et d'accessoires similaires, leur assemblage ne doit pas contenir de pièces métalliques. L'utilisation d'accessoires qui ne satisfont pas à ces exigences peut ne pas satisfaire aux exigences en matière d'exposition aux radiofréquences et doit être évitée.