



Shenzhen Rakwireless Technology RAK2171 WisNode TrackIt Set User Guide

[Home](#) » [Shenzhen Rakwireless Technology](#) » Shenzhen Rakwireless Technology RAK2171 WisNode TrackIt Set User Guide 

Contents

- [1 Shenzhen Rakwireless Technology RAK2171 WisNode TrackIt Set](#)
- [2 Getting Started](#)
- [3 Product Specifications](#)
- [4 Button function list](#)
- [5 Help & Support](#)
- [6 FCC Compliance](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)



Shenzhen Rakwireless Technology RAK2171 WisNode TrackIt Set



Welcome to WisNode TrackIt

Track your most precious assets with WisNode TrackIt. Place it on your vehicle, luggage and even on your kids, 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.

Getting Started

- Download and install the WisNode TrackIt app on your phone from Google Play or Apple App Store.
- Sign in with your RAK ID or sign up for a new RAK ID if you don't have an account already.
- Once you're signed in, enable Bluetooth on your phone.
- 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..
- Start the pairing procedure on your phone to add the TrackIt device.
- Do not move your phone away from the device during the pairing process.
- Upon successful pairing, start tracking the device on the app.

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.

Product Specifications

Product Specificati ons	
Light	LED
Bluetooth	Bluetooth 4.2
Navigation	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*18m m
Operating Temperature	-20 60 °C
Operating Range	Up to 6 mile

Button function list

Product	Button name	Function List		
		Function name	Action	Light
WisNode TrackIt	Power/SO S button	Power on	Press and hold on for 3 seconds	Red/Vibr ate
		Power off		
		Send SOS	Press five times	Red flash
		Cancel SOS		Red flash off
		Charging	Charging	Blue breath
	Function Button	Full battery	100%	Green
		Low battery	≤ 20%	Red

Help & Support

Should you have questions or concerns regarding the device, usage, safety, or maintenance, you can reach help & 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.
- Simplified EU Declaration of Conformity
- MODEL: RAK2171
- Operating frequency range: 863-870 MHz
- Max. output power: 14 dBm
- Operating frequency range: 2402-2480 MHz
- Max. output power: 10 dBm
- Manufacture: Shenzhen RAKwireless Technology Co.,Ltd.
- Room 506, Bldg B, New Compark, Pingshan First Road, Taoyuan Street, XiLi Town Nanshan District, Shenzhen, China

Importer:

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

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://downloads.rakwireless.com/LoRa/RAK2171/Certification/RAK217_1_CE_DOC.pdf

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.

IC Certification


This device contains license-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.

RSS-102 Statement:

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

Documents / Resources

	Shenzhen Rakwireless Technology RAK2171 WisNode TrackIt Set [pdf] User Guide RAK2171, 2AF6B-RAK2171, 2AF6BRAK2171, RAK2171 WisNode TrackIt Set, WisNode TrackIt Set
---	---