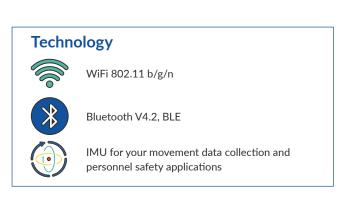
WiFi/BLE Rechargeable Belt Tag

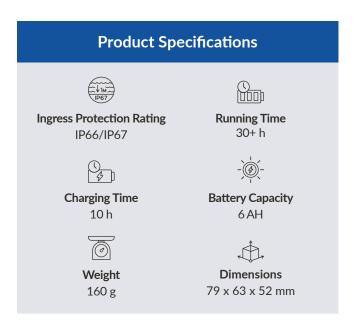
The WiFi/BLE Belt Tag is especially suitable for surface and underground hardrock mines and tunnels. It integrates WiFi and BLE into a single wearable device. It features a user interface for miner activities, such as acknowledging emergency/evacuation alerts, sending duress calls, location information, text messaging and a digital clock.

The WiFi/BLE Rechargeable Belt Tag and WiFi/BLE Portable Tag are designed to enable the following Mine IoT Solutions:

- Personnel, Vehicle and Asset Tracking and Emergency/Evacuation
- Personnel Sign-In, Sign-Out and/or Assignment of Assets
- IoT Device and Data Management with Solution Customisation

Easy to carry and charge No charging socket to ensure best ingress protection Utilises the same Charging Bank Infrastructure as Roobuck Cap Lamps World's safest and most reliable Panasonic battery Manufactured to quality management standard ISO/IEC 80079-34







Charging Banks for 8/35/53







RBT6A-WB/RPT6A-WB

ROOBUCK

Integration Specifications

- MQTT Compatible
- API Available
- LED Flashing Modes Configurable

User Interface

- Duress alert and Evacuation alert
- Send & receive preconfigured messages
- Configurations display
- Time display
- Battery life display

Display

- Type: OLED
- Size: 0.96 inch / 2.44 cm
- Colour: White text on black background
- Pixels: 128 x 64

Alerts

- Warning/illumination Light with two LEDs and frosted transparent cover
- Audio Buzzer
- Vibration Alert

RPT6A-WB WiFi/BLE Rechargable Portable Tag

The Portable Tag utilises the same hardware as the Belt Tag but has firmware designed for installation on vehicles or assets. It is not worn by personnel. It can be installed in a charging unit inside a vehicle for vehicle tracking. It can also be attached to a portable machine, tool or asset to track these objects.

Attachment/Mounting accessories can be provided. The device firmware can be customised and Over-the-Air updated to meet the functional requirements to accelerate your digital road map.

RBT6A-* / RPT6A-* Rechargable Belt Tag & Portable Tag

Other than WiFi/BLE, Belt Tags and Portable Tags come with other wireless technologies. The * in the model number will be replaced with the following letters corresponding to the technology:

WiFi (2.4GHz) for Tracking, Emergency & Duress Call

LTE (Cat M1) for Tracking, Emergency & Duress Call

BLE for location IDs, asset locationing, light control, sensor data log

UWB for Collision Avoidance

DSRC (802.11p) for Collision Avoidance

Multiple Proprietary 3rd party Wireless

Column LoRa to be released soon

Please note that some wireless tag combinations cannot exist in the same enclosure

Some Models are currently under development. Please contact Roobuck for details.







