BLE tag for asset tracking

AiRISTA Flow's AiR-T4 asset tag is designed for monitoring assets within a BLE network environment. The AiR-T4 BLE asset tag offers multiple sensors which enable the optimization of battery life and features multiple alarm/alerting functions. This tag allows the user to develop on an open system without using proprietary infrastructure and seamlessly integrates with AiRISTA Flow's RTLS Location Engine.

AiRISTA Flow BLE asset tags are rugged and can be used for a variety of applications across multiple industries such as healthcare, logistics, and manufacturing.

Industry-leading location accuracy

With a small yet rugged water-resistant form factor, the AiR T4 BLE asset tag can be affixed to virtually any piece of equipment or fixture indoors or outdoors for enterprisewide tracking. AiRISTA Flow's RTLS platform leverages asset data to process definable rules for alerting and notifying personnel via email, SMS, or pre-recorded voice messages.

Easily replaceable battery

The Air-T4 BLE asset tag has an easily replaceable lithium battery to ensure that an organization's reports are accurate and that facilities are up to standards.

Features

- BLE 4.1 compliant
- Long-life, replaceable battery
- Multiple ways to attach tag to assets
- Motion sensor for determining transmission intervals to optimize battery life
- Optional on-board optical and temperature sensors
- General purpose tactile call button
- Chokepoint detection
- Visual indicators through multiple LEDs (based on model)
- Over the air programming and configuration capabilities
- Over-the-air firmware upgrade capability
- Cisco CCX compatible

Benefits

- Easily locate assets
- Accurate, time-saving and automated reporting functionality
- Able to withstand different temperatures

Technical Specifications

Technical specifications

Sleep Mode Maximum Leakage Current: < 10 uA
RX BLE: 6mA
TX BLE: 6mA
TX BLE max output power: 5dBm

Battery specifications

Replaceable 1200 mAH, 3.0V Lithium Battery
2 year battery life, depending at 2 beacon rate

Electrical interface

Replaceable 1200 mAH, 3.0V Lithium Battery

Radio

Bluetooth Low Energy

Warranty

One Year Replacement Warranty

Replacement battery

Air.T4.BATT

Environment

Operating Temp: -30º C to 85º C
Storage Temp: -30º C to 85º C

Typical operating range

Outdoor: 150 ft (45m)

Indoor: 75 ft (25m)

Physical

Form Factor: ABS plastic Enclosure
Dimensions: 52 x 32 x 13 mm
Weight: < 38 g

Part number

Air.T4.ASSET.B

Specifications subject to change without prior notice.

AiRISTA FLOW