

Amp'ed RF BLE Tag – Product Summary

Overview



32mm x 10mm

The Amp'ed RF BLE Tag is a low-power Bluetooth Low Energy (BLE) beacon based on the BLE v4.2 platform. It supports iBeacon functionality and is optimized for long battery life and stable wireless performance.

Key Features

- BLE 4.2
- CR2032 battery powered
- Adjustable power and interval
- Compact waterproof design
- Mobile app configurable
- iBeacon compatible

BLE Reader / Gateway

- Dual-band Wi-Fi (802.11 a/b/g/n)
- Ethernet connectivity
- Mesh networking support
- MQTT / TCP communication
- WPA3 security

How It Works

1. Tags broadcast signals
2. Readers detect and forward data
3. Cloud processes positioning or tag presence
4. User sees analytics

Applications

- Real-time tracking
- Indoor positioning
- Retail analytics
- Smart buildings
- Healthcare

Battery Life Chart

