

Effortless Monitoring with Precision Bluetooth Technology Key Highlights:

- Cutting-Edge Bluetooth Direction Finding
- Seamless Integration with Low Energy (LE) Technology
- Real-Time Location Insights

SMARTER BLUETOOTH TRACKING SOLUTIONS



BLUETOOTH DIRECTION FINDING: INNOVATIVE TECHNOLOGY

Bluetooth 5.1 introduces precise direction-finding capabilities, enabling real-time tracking with the Angle of Arrival (AoA) method. This cost-effective and reliable solution ensures:

- **Compact Tags:** Keychain-sized, low-power devices (44 x 31 x 9 mm).
- **Extended Battery Life:** Operates on CR2032 coin cells for 2+ years, thanks to motion-based power-saving features.
- **Advanced Receivers:** Multi-antenna units calculate precise directions using signal phase differences.

Applications:

- Indoor/outdoor location tracking.
- Large-scale industrial use.
- Enhanced security monitoring.

Why Choose Bluetooth LE?

- Low energy consumption.
- Robust performance over 100 meters.
- Handles multiple devices seamlessly.

Enhanced Performance for Every Environment

High Efficiency

- Wide Coverage: Tracks signals up to 100 meters.
- Smart Power Use: Only transmits when in motion, maximizing battery life.

Flexible Setup

- 360° tracking with customizable zones.
- Determine whether a person or object is indoors or outdoors at a glance.

Robust Infrastructure

- Receiver operates on 12V/1A power with backup for up to 6 hours.
- Seamless server communication via LTE networks.