Verizon asset tracking and management.

BTM250 Bluetooth Wireless Sensor.

BLE Beacon Tags with Embedded NIST* Traceable Sensors.

Enhance your ability to monitor, measure, manage or control your assets within your supply chain with the BTM250 BLE beacon. The BTM250 series beacon pairs with Verizon Asset Monitoring solutions to connect even more assets whether it's distribution, manufacturing, construction or cold chain logistics.

The BTM250 leverages Bluetooth 5.1 technology providing extended range, double the speed, higher density advertising and improved battery life for enhanced operations in existing applications and enabling new solutions.

Peripheral asset tagging.

The BTM250 can be utilized Verizon's Global Asset Tracker device to tag any peripheral asset and aggregate environmental data. As part of the Verizon Asset Tracking end-to-end solution, the BTM250 will closely monitor and create actionable data for tagged assets.

Enhanced location.

Utilizing the latest Bluetooth 5.1 technology with RSSI BTM250 further enhances indoor location services when paired with a gateway device. Tags reporting through gateways provide proximity based location and can be visualized on maps and graphs along with other asset tracking data.

Discreet and durable.

The BTM250 conforms to IP67 standards, able to withstand the toughest environmental conditions, all in a tiny package. Having an isolated sensor measurement chamber with an environmental membrane, BTM250 ensures the most accurate measurements. For secure semi-permanent placement in discrete locations mounting ears are included. In addition, a NIST compliant version is offered for Pharmaceutical and food services industries where accuracy is required.

Pair the BTM250 with the global asset tracker (Gen II device), cellular connectivity and Critical Asset Sensor solution for a turnkey solution to smart asset management.

Features & Benefits

- An isolated sensor measurement chamber with environmental membrane ensures the most accurate measurements.
- Mounting ears ensure secure attachment.
- The BTM250 will closely monitor and create actionable data for tagged assets.
- Easily accessible QR code allows for quick pairing and setup

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Technical specifications

BlueTooth

Version: Bluetooth 5.1 LE

Range Advertising: +15m (LOS)

Interval: 3 s (configurable)

Encryption: AES-128, SHA-256

BTM250
Full Environment

Temperature: -40°C to 85°C

Pressure: 300 hPa-1100 hPa

Offset temp. coef.: ±1.5 Pa/K

Humidity: 0 to 100% RH

Accuracy: ±0.5°C to ±1.5°C

BTM250HT*
NIST Traceable Humidity & Temperature

Humidity: 0 to 100% RH Accuracy: ±1.8%

Temperature: -40°C to 125°C Accuracy: ±0.2

BTM250B
Beacon Only

Electrical

Battery: CR2450 (Li2MnO2); 600 mAh@ 3V

Run-time > 4 years (std 3s reporting configuration)

Enclosure

Dimension: 70 x 30 x 8 (mm)

Color: White/Textured

Hermetic Integrity: IP67

I/O: Momentary Button

Operating environment

Device & Parts: -20°C to 60°C

Operating environment

Regulatory: FCC / IC, Anatel, NIST*

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