

Roll Call Solutions

Asset Location

+ Personnel Location +

Patented RealTime Location Systems

Technology
Innovation
SYSTEM

Bluetooth Gateway Data Sheet



Gateway Info

Gateways provide the link(s) between the Blue Tooth Wireless Beacons (WB) network and the management software

- Each network requires a minimum of one receiver. Multiple receivers can be installed to extend coverage.
- Each receiver requires power and Ethernet cable connection.

Electrical Specifications

- Supply Voltage 5Vdc @5mA

Bluetooth Low Energy v4.1 – 2.4GHz

Data Interfaces

- 2 x USB Host (Dual Type A) 1 x USB OTG(Micro AB) 1 x USB Host (Molex 53047-0610)
- Gigabit Ethernet RJ-45, with 2 LEDs for link/speed/activity
- Micro Sim
- RS232 Molex 53047-0310
- Antenna Connectors 1 x U.FL / 2 x U.FL
- Audio 1 x line in.

Environmental

- Operational temperature -20 °C to +70 °C / -40 °C to +85 °C;
- Storage temperature -50°C to +125°C;
- Relative Humidity 5% to 90% (non-condensing).

Features

- Site pre-configured for easy installation;
- Compact off-the shelf SBC Family
- Scalable capabilities and i.MX6Quad/Dual/Dual Lite performance.
- Gigabit Ethernet and pre-certified dual-band Wi-Fi + Bluetooth 4.0
- Ready for cellular connectivity and Digi XBee RF
- Designed for flexibility and reliability.
- Windows embedded Compact, Linux and Android software platform support.
- Industrial operation temperature available.

Physical specification

- Enclosure Plastic IP65 Junction Box
- Enclosure dimensions 170 x 120 x 50mm

