

# BADGE BLUETOOTH GATEWAY

Lansitec badge Bluetooth gateway is based on Bluetooth 5.0 technology and LoRaWAN. It receives nearby Bluetooth beacon messages and transmits them to the server through LoRa.

The built-in 600mAh rechargeable battery makes it last about 10 hours when not powered. The standby time can be significantly prolonged by changing Bluetooth receiving setting. For more specific information, please refer to the data sheet and battery life estimation spreadsheet.

The gateway is portable and suitable for the following use cases:

- Asset and personnel management in schools, office buildings, and hospitals
- Cars and keys tracking in large parking lots



## KEY FEATURES

- Indoor Tracking
- Geo-fence
- Bluetooth 5.0 long distance, low power consumption
- Support LoRaWAN data back haul
- Support Lansitec various tracking labels and wrist straps

## SPECIFICATIONS

Bluetooth Protocol	5.0
LoRaWAN Protocol	1.0.2B, US915, AU915, EU868, EU433, AS920-923, AS923-925, RU864, ID920, KR920, IN865, KZ865, CLAA, CN470, CN470-Ali
Indoor tracking	5m accuracy
Geo-fence	Supported
LoRa Fastest Communication Frequency	5 Seconds
Sensitivity	-142.5dBm@SF12 300bps~25m sight distance
Power Supply Mode	5V/1A
Operating Temperature	-10°C~+60°C
Storage Temperature	-40°C~+85°C
Operating Humidity	5%~95%
Dimension	97 × 62 × 7mm
Transmission Capacity	100 beacon messages can be received within 1s Maximum of 15 beacon messages can be sent in one package
Charge Jack	Mircro USB
Certifications	CE, FCC, RCM

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## ORDERING INFORMATION

Product Description	Part Number
Bluetooth Gateway, BLE5.0, 97x62x7mm, CN470, 5V	100-18471
Bluetooth Gateway, BLE5.0, 97x62x7mm, CN470-Ali, 5V	100-18472
Bluetooth Gateway, BLE5.0, 97x62x7mm, AS923, 5V	100-18475
Bluetooth Gateway, BLE5.0, 97x62x7mm, US915, 5V	100-18473
Bluetooth Gateway, BLE5.0, 97x62x7mm, RU864, 5V	100-18476
Bluetooth Gateway, BLE5.0, 97x62x7mm, EU868, 5V	100-18477
Bluetooth Gateway, BLE5.0, 97x62x7mm, AU915, 5V	100-18478
Bluetooth Gateway, BLE5.0, 97x62x7mm, IN865, 5V	100-18479
Bluetooth Gateway, BLE5.0, 97x62x6mm, KR920, 5V	100-18474