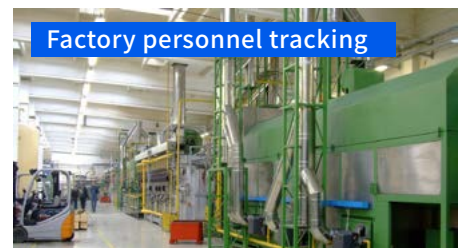
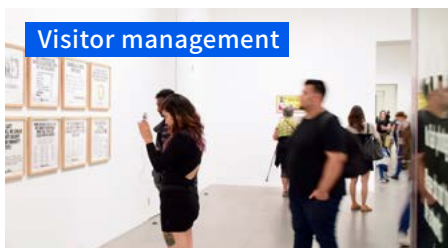


Badge Tracker










Bluetooth, LoRaWAN, GNSS

OVERVIEW

Lansitec badge tracker is designed based on GNSS, Bluetooth 5.0 and LoRa technology. It supports indoor and outdoor tracking. The badge is mainly used for personnel and asset management. Its built-in 3-axis accelerometer could be used for determining the motion status of the terminal. Therefore, it can help save battery and enhance user experience.



FEATURES

-  Indoor tracking: Bluetooth, 1~3m
-  Outdoor tracking: Beidou or GNSS, 2.5m precision
-  Geo-fence
-  Fall Detection
-  Illegal movement alert
-  Maximum 5-month standby time
-  Low cost: No network surcharge
-  Support 3-axis accelerometer
-  Asset management with Bluetooth

APPLICATIONS

- Visitor management
- Factory worker tracking
- Construction worker tracking
- Vehicle tracking

CONNECTIVITY

Bluetooth Protocol	Bluetooth 5.0
LoRaWAN Protocol	LoRaWAN 1.0.2B
LoRaWAN Band	US915, AU915, EU868, EU433, AS920-923, AS923-925, RU864, ID920, KR920, IN865, KZ865, CLAA, CN470, CN470-Ali
LoRa Distance	>1km in urban area
LoRa Sensitivity	-139dBm @SF12, BW125kHz, 434MHz/470MHz -137dBm @SF12, BW125kHz, 868MHz/915MHz
Bluetooth Distance	~25m sight distance
Indoor Tracking	Bluetooth, 1~3m accuracy
Outdoor Tracking	GNSS, 2.5m accuracy

POWER

Battery	600mAh li-ion rechargeable battery
Charging Method	Micro USB
Standby Time	Maximum 5 months

MECHANICS

Dimension	97*62*7mm
Operating Temperature	-10°C ~ +60°C
Storage Temperature	-40°C ~ +85°C
Weight	28g
Operating Current	20µA ~139mA

FUNCTION

3D Accelerometer	Supported
Encryption	AES128
Low Battery Alert	Supported
Vibration Intensity Adjustment	Supported
Operating Mode	GNSS coordinates acquisition frequency adjustable, LoRa communication frequency adjustable, Automatic BLE and GNSS tracking switching

CERTIFICATIONS

Certification	CE, FCC, RCM
----------------------	--------------

ORDERING INFORMATION

Product Description	Part Number
Badge Tracker, CN470, Bluetooth5.0, Beidou, GNSS, 97x62x7mm, 600mAh	100-02372
Badge Tracker, CN470, Bluetooth5.0, 97x62x7mm, 600mAh	100-02371
Badge Tracker, CN470-Ali, Bluetooth5.0, Beidou, GNSS, 97x62x7mm, 600mAh	100-02484
Badge Tracker, CN470-Ali, Bluetooth5.0, 97x62x7mm, 600mAh	100-02480
Badge Tracker, AS923, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02476
Badge Tracker, AS923, Bluetooth5.0, 97x62x7mm, 600mAh	100-02876
Badge Tracker, In865, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02566
Badge Tracker, In865, Bluetooth5.0, 97x62x7mm, 600mAh	100-02567
Badge Tracker, EU868, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02490
Badge Tracker, EU868, Bluetooth5.0, 97x62x7mm, 600mAh	100-02489
Badge Tracker, US915, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02478
Badge Tracker, US915, Bluetooth5.0, 97x62x7mm, 600mAh	100-02461
Badge Tracker, RU864, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02491
Badge Tracker, RU864, Bluetooth5.0, 97x62x7mm, 600mAh	100-02493
Badge Tracker, AU915, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02501
Badge Tracker, AU915, Bluetooth5.0, 97x62x7mm, 600mAh	100-02502
Badge Tracker, KR920, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02499
Badge Tracker, KR920, Bluetooth5.0, 97x62x7mm, 600mAh	100-02497
Badge Tracker, ID920, Bluetooth5.0, GNSS, 97x62x7mm, 600mAh	100-02801
Badge Tracker, ID920, Bluetooth5.0, 97x62x7mm, 600mAh	100-02799