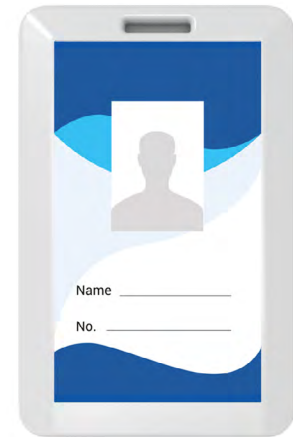


CONTACT TRACING

BADGE

Lansitec contact tracing badge is designed based on Bluetooth 5.0 and LoRa technology. It uses RSSI for distance measurement and contact tracing. The badge is mainly used for keep social distance in work place or hospital and is especially useful during COVID-19.

Proximity detection function: the badge beeps when other badges approach. The badge can use vibration and sound to alert the user even without LoRa network. NFC function is also integrated in the badge to facilitate management.



KEY FEATURES

- Buzzer and vibrator
- Proximity detection, accuracy 2~3m
- Distance adjustable
- Friend feature
- Multiple auto-configuration modes
- Multiple contact history report mode
- Indoor tracking
- NFC for easy management
- LoRaWAN
- Up to 100 hours of standby time

SPECIFICATIONS

Indoor Tracking	Bluetooth, 2~3m accuracy
Protocol	LoRaWAN1.0.2B/ Bluetooth 5.0
LoRa Frequency	US915, AU915, EU868, EU433, AS920-923, AS923-925, RU864, ID920, KR920, IN865, KZ865, CLAA, CN470, CN470-Ali
Sensitivity	-142.5dBm@SF12 300bps
LoRa Distance	> 1km in urban area
Bluetooth Distance	~25m sight distance
Operating Current	20µA ~139mA
Encryption	AES128
Proximity Detection	Supported, 2 meters by default. Distance is adjustable through commands.
Buzzer	75dB
Vibrator	Supported
Vibrator Mechanical Noise	<50dB
NFC	Supported
Low Battery Alert	Supported
Power Supply	600mAh rechargeable battery
Charge Jack	Micro USB
Standby Time	Maximum 5 months
Operating Temperature	-10°C~+60°C
Storage Temperature	-20°C~+80°C
Dimension	97 × 62 × 7mm
Certifications	CE, FCC, RCM, UN38.3

CONTACT TRACING

BADGE

ORDERING INFORMATION

Product Description	Part Number
Badge, IN865, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02496
Badge, CN470, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02531
Badge, CN470-Ali, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02532
Badge, AS923, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02533
Badge, IN865, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02534
Badge, US915, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02535
Badge, RU864, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02536
Badge, AU915, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02537
Badge, EU868, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02538
Badge, KR920, Bluetooth 5.0, buzzer, vibrator, PD, 97x62x7mm, 600mAh	100-02539