

Lansitec Bluetooth Bracelet

OVERVIEW

The Bluetooth Bracelet is a device that can locate itself indoors and outdoors using BLE and a motion sensor. It can measure skin temperature, heart rate, blood pressure, and steps. The bracelet can detect if it is worn by the user. If not, it will enter a low-power mode. It also has an SOS button that can send an alarm message, start locating itself, and report health data. The bracelet can alert the user when it has low power or is shutting down.



FEATURES

- Indoor and outdoor tracking
- Skin temperature
- Blood pressure
- Pedometer

USE CASES



HOSPITAL PATIENT MANAGEMENT

Improved patient safety, knowing a patient's exact location allows for quicker response in case of emergencies or unexpected events. Faster locating of patients who wander off or require immediate attention can be life-saving. Real-time tracking facilitates seamless handoffs between healthcare providers, ensuring patients receive timely treatment without delays due to miscommunication or searching for their whereabouts.



PERSONNEL TRACKING

Personnel tracking protects organizational security by tracking employee access to sensitive areas and assets. This real-time monitoring helps to prevent unauthorized entry, theft, and potential destruction, thereby protecting critical data, devices, and infrastructure.

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CONNECTIVITY

Beacon Protocol	iBeacon
Bluetooth Protocol	Bluetooth 5.0
Bluetooth Function	BLE (Bluetooth Low Energy)
OTA via Bluetooth	Support
Positioning Accuracy	1-3m

MECHANICS

Dimensions	43*23*13mm
Weight	25g
Operating Temperature	-10°C~+65°C
Storage Temperature	-20°C~+80°C
Operating Humidity	5% ~ 95% (non-condensing)
Waterproof Level	IP67
Wristband	TPU
Colour	Black by default

DISPLAY

Screen Resolution	64x32, White OLED
Screen Size	0.49 inch
LED	2 LED lights (red and blue)

POWER

Battery	210mAh, 3.8V
Battery Life	More than 1 month
Normal Usage	4~10 days (depends on positioning frequency)
Charging Method	Magnetic adsorption charging
Charging Time	1.5 hours

FUNCTIONS

LED	Physical Button	Skin Temperature	Blood Pressure	Heartbeat	Step Count
Support	Support	Support	Support	Support	Support
Vibration Motor	SOS Function	Wear Detection	RFID	Touch Button	WiFi
Support	Support	Support	Optional	Not Support	Not Support

ORDERING INFORMATION

Product Description	Part Number
Wristband, BLE, OLED 0.49inch, Step count, Heartrate, skin temperature, Blood Pressure, IP67, 210mAh	100-18363
	100-03781