

LW014

Wearable Button



Up to 5km
communication range



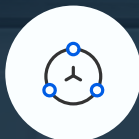
Multiple technologies,
enhanced positioning



Dual programmable alerts,
anti-accidental touch



Soft material,
comfortable wearing



Multiple working modes
for various applications



IP67 waterproof,
durable shell

LoRaWAN Button

Smart Wristband
Smarter Safety

The LW014 LoRaWAN Panic Button is a compact, high-performance IoT wearable wristband engineered for seamless connectivity, robust positioning, and reliable operation. Combining advanced LoRaWAN® with Bluetooth® and GPS technologies, LW014 addresses both indoor and outdoor emergency scenarios effectively. This versatile device is ideally suited for healthcare facilities, schools, factories, and construction sites.



MOKO SMART



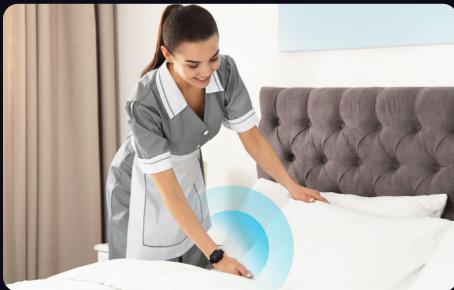
LW014

Wearable Button

Application Scenarios



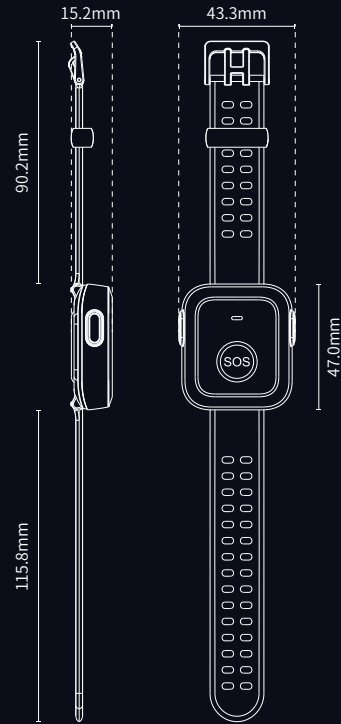
Construction



Hotel



School



Categories

Parameter

Value

LoRa Wireless Specification

LoRa Protocol	LoRaWAN V1.0.3
LoRa Chip	SX1262
Lora Frequency	EU868/AU915/US915/AS923/IN865/KR920/RU864/AS923-1/AS923-2/AS923-3/AS923-4
Tx Power	Max 22dBm
Sensitivity	-137dBm@SF12
LoRa Communication Distance	Up to 5 km (in urban open space)

BLE Wireless Specification

Bluetooth® (BLE)	4.2
Bluetooth Chip	nRF52832
TX Power	Max 4 dBm
BLE Scan Distance	Up to 50m in free space
BLE Scan Distance (1M PHY)	Up to 150m in free space

Physical Specification

Protection level	IP67
Dimension (mm)	47*43.3*15.2
Weight	TBD

Application Specification

Power Switch	Power button
Operation Temperature/ Storage Temperature	-20°C ~ 60°C
Operation Humidity	10%~90%
Certification	CE/FCC/REACH/RoHS pending approval

Power Supply

Power Supply	300 mAh rechargeable battery
--------------	------------------------------

At present, the product is in the design stage, and the information provided is only for preliminary reference; the final product specifications shall prevail upon launch.