



LW014-WB Datasheet

Version 1.0

MOKO TECHNOLOGY LTD.

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Introduction

LW014-WB is a wristband that combines LoRaWAN network transmission with Bluetooth and GPS fix technologies, it can be used for indoor and outdoor positioning.

Lw014-WB supports multiple alarms for indoor and outdoor emergency situation. With the wristband design, it's easy to wear and convenient to use. LW014 is applicable to hospitals, nursing homes, schools and factories.

Key Features

- Long-range & Low-power communication
- Multi-mode positioning fusion
- anti-accidental touch
- Shift-Long comfort, Weightless Wearing Experience
- Multiple working mode
- IP66 water proof

Mechanical Size Description




General Specifications


Categories	Parameter	Value
LoRa Wireless Specification	LoRa Protocol	LoRaWAN V1.0.3
	Lora Frequency	EU868/AU915/US915/AS923/IN865/KR920/RU864/AS923-1/AS923-2/AS923-3/AS923-4
	Tx Power	Max 22dBm
	LoRa Communication Distance	Up to 5 km (in urban open space)
BLE Wireless Specification	Bluetooth® (BLE)	4.2
	TX Power	Max 4 dBm
	BLE Broadcast Distance	Up to 50m in free space
	BLE Scan Distance (1M PHY)	Up to 150m in free space
Power Supply	Power Supply	300 mAh rechargeable battery
Physical Specification	Protection level	IP66
	Dimension	46.7*41.0*15.2mm
	Weight	41.9g
Application Specification	Power Switch	power button
	Operation Temperature/ Storage Temperature	-20℃ ~ 60℃
	Operation Humidity	10%~90%
	Certification	CE/FCC/Reach/RoHS pending approval

Ordering Information

Product Type	Description	Notes
LW014-WB US915 LW014-WB EU868	Wristband	Subnet except US915 and EU868 also supported, please consult with moko before ordering

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