



MOKO SMART

Outdoor Tough, Rechargeable Smart

Rechargeable Outdoor Bluetooth Bridge



Support temperature
and humidity sensor detection



Charges from the solar panel



Charges directly from the socket



IP67 waterproof



Superior wireless
performance



Low power reminder



LW003-B Pro

Rechargeable Outdoor
Bluetooth Bridge

The LW003-B Pro is a rechargeable Bluetooth-LoRaWAN gateway that seamlessly combines LoRa and Bluetooth wireless communication. This device is capable of scanning Bluetooth Beacon data, transmitting it to a LoRaWAN-based gateway, and subsequently uploading it to a server. This functionality enables personnel tracking, outdoor positioning, asset monitoring, and environmental monitoring.

Application Scenarios



Categories

Parameter

Value

LoRa Wireless Specification

LoRa Protocol	LoRaWAN V1.0.3
Lora Frequency	EU868/US916/AS923/IN865/KR920/RU864/AS923-1/AS923-2/AS923-3/AS923-4
Tx Power	Max 21dBm
LoRa Communication Distance	Up to 4.5 km (SF9 in urban open space with built-in antenna) Up to 6 km (SF9 in urban open space with external fiberglass antenna)

BLE Wireless Specification

Bluetooth® (BLE)	V5.0
TX Power	Max 8 dBm
BLE Scan Distance (Built-in antenna)	450m scan distance (In urban open space) (BLE 4.2 or BLE 5.0 1M PHY) 550m scan distance (In urban open space) (BLE 5.0 Coded PHY)

Physical Parameter

Dimension	195mm × 203mm × 70mm
Net Weight	1035g
Shell Material	Upper Cover: PVC Lower Cover: ADC12

Power supply Specification

Power Supply	DC charging port or Battery
Changer Time	4 hours@9V/2A
Battery characteristics	6000mA rechargeable battery

Application Parameter

Operating Temperature	-20 ~ + 60°C
IP Rating	IP67 waterproof
Certification	FCC,CE under approval