



MOKO SMART

Outdoor Tough, Rechargeable Smart

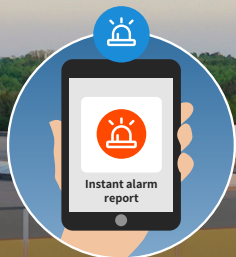
Rechargeable Outdoor Bluetooth Bridge



Robust metal shell, strong
anti-interference ability



High-conversion solar panels,
powering self-sufficiency



Instant alarm report,
ensuring prompt awareness



Optional external fiberglass
high-gain antenna



Solar charging
version



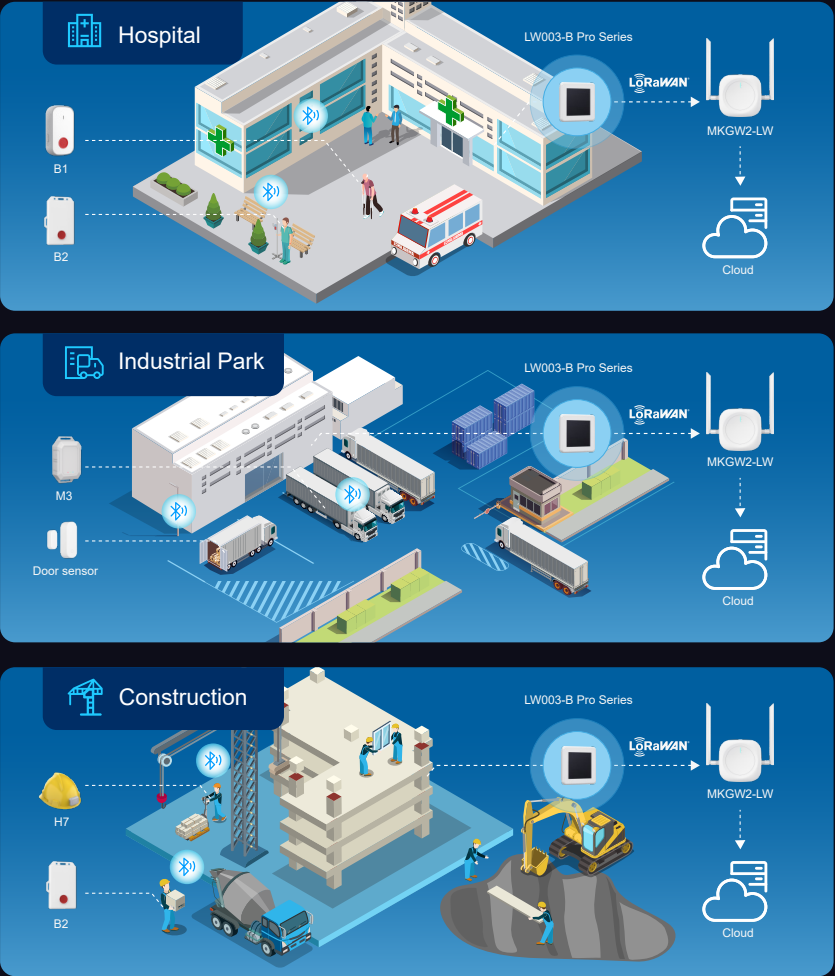
DC charging
version

LW003-B Pro

Outdoor Bluetooth Bridge
(Rechargeable version)

The LW003-B Pro (rechargeable version) is a rechargeable Bluetooth-LoRaWAN Bridge that seamlessly integrates Bluetooth and LoRaWAN wireless technologies. This device is capable of scanning BLE data and efficiently transmitting it to a server via LoRaWAN network. Available in two versions: solar charging version (support solar panel charging & DC charging) and standard DC charging version. Charging either from solar panel or DC power, LW003-B Pro (rechargeable version) ensures a durable operational lifespan. Additionally, its robust metal shell boasts IP67 waterproofing and strong anti-interference performance, making it an ideal choice for asset tracking, staff safety ensuring, environmental monitoring, and more.

Application Scenarios



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 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)	350m scan distance (In urban open space) (BLE 4.2 or BLE 5.0 1M PHY) 450m scan distance (In urban open space) (BLE 5.0 Coded PHY)

Physical Parameter

Dimension	195mm × 195mm × 70mm
Net Weight	1582g (DC charging version) 1634g (solar charging version)
Shell Material	Upper Cover: PC+ASA+10% glass fiber Lower Cover: ADC12

Power supply Specification

Power Supply	DC charging port or Battery
Changer Time	4 hours@9V/2A
Battery characteristics	12000 mAh rechargeable battery

Application Parameter

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