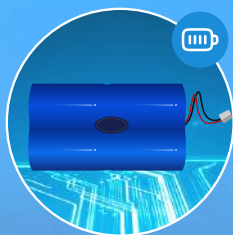


# LW003-B Pro

## Outdoor Bluetooth Bridge



Robust metal shell, strong anti-interference ability



High-capacity battery pack, industry-leading lifespan



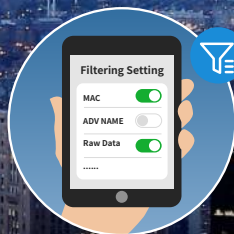
Supports replaceable and rechargeable battery options



Robust IP67 waterproof, withstands harsh environments



Long wireless transmission distance



Flexible filtering setting, satisfying various needs

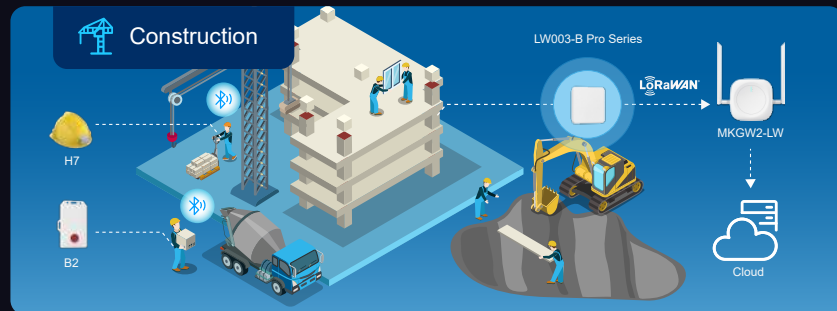
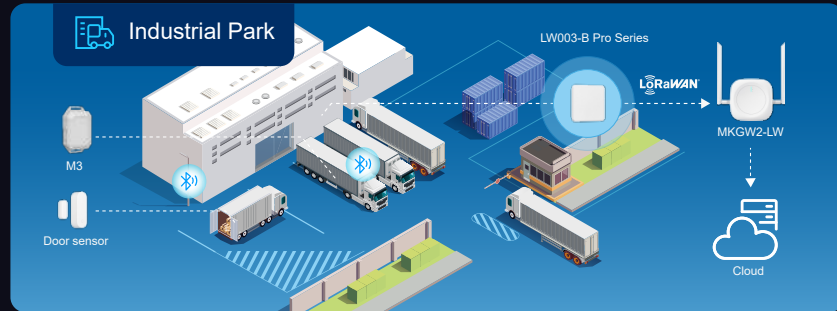


## Smart Gateway

Connect Beyond Boundaries

The LW003-B PRO is a 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. Offering two versions, battery replaceable version (LW003-B PRO-A) and socket charging version (LW003-B PRO-B), to satisfy various needs and scenarios. 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)	250m scan distance (In urban open space) (BLE 4.2 or BLE 5.0 1M PHY) 300m scan distance (In urban open space) (BLE 5.0 Coded PHY)
Physical Parameter	Dimension	195mm × 195mm × 70mm
	Net Weight	1605g (LW003-B PRO-A) 1582g (LW003-B PRO-B)
	Shell Material	Upper Cover: PC+ASA+10% glass fiber Lower Cover: ADC12
Power supply Specification	Power Supply	76,000mAh replaceable battery (LW003-B PRO-A) 12,000mAh rechargeable battery (LW003-B PRO-B)
	Charging Current	max 2A (LW003-B PRO-B)
	Charging Voltage	9~12V (LW003-B PRO-B)
Application Parameter	Operating Temperature	-30°C ~ 70°C (LW003-B PRO-A); -20°C ~ 60°C (LW003-B PRO-B)
	Operating Humidity	10%~90%
	IP Rating	IP67 waterproof
	Certification	FCC,CE under approval