



MWC03 Bluetooth® LTE Location Badge

Your Go-To Solution for Indoor & Outdoor Location

Developed by Minew, MWC03 is a groundbreaking location badge that seamlessly combines GNSS and Bluetooth positioning with real-time data uploads via cellular networks. Designed to address the challenges of delayed personnel location and difficult gateway setup, MWC03 ensures precise location information across expansive outdoor areas and complex indoor environments. With this advanced solution, companies can optimize resource allocation and enhance employee safety effortlessly.

FEATURES ►



- GNSS and Bluetooth positioning
- Intelligent positioning system switching
- Real-time data upload via cellular networks
- High-Precision external standalone GNSS module
- BLE filtering algorithm
- RFID access control
- Batch management
- Multi-functional buttons
- IP65 waterproof and dustproof
- Easy magnetic charging in a snap

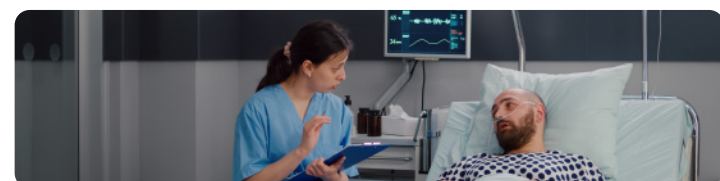
PROBLEMS IT SOLVE ►



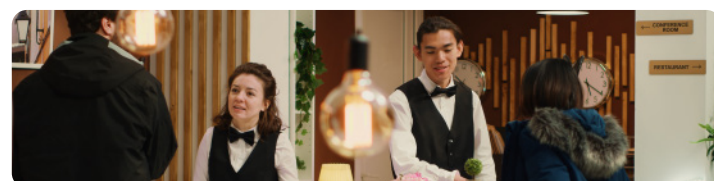
Attendance Tracking in Education



Worker Safety in Manufacturing

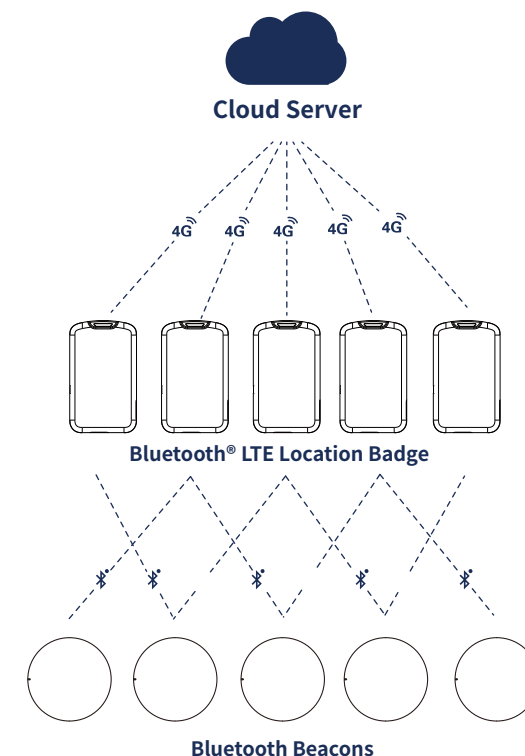
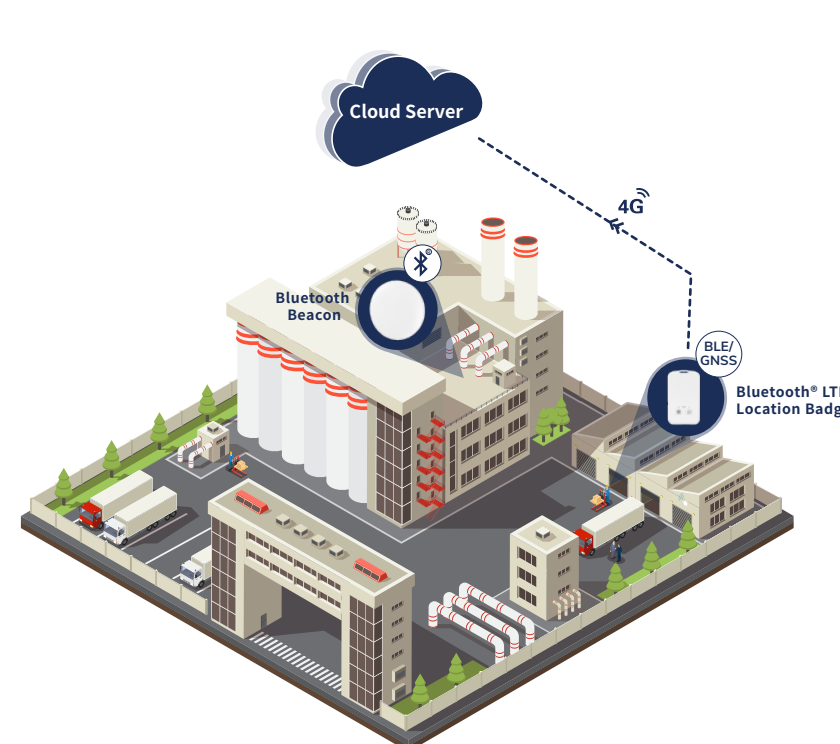


Employee Help Button in Healthcare



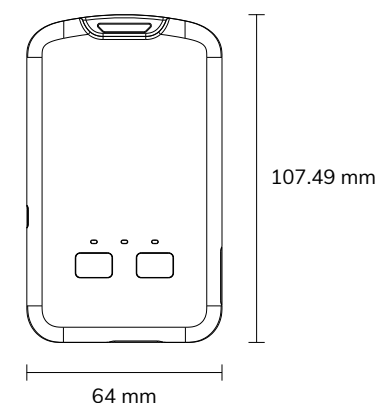
Hotel Staff Safety Management

HOW IT WORKS ►



Basic Info.

Color:	White (Buttons color customizable)
Size (L* W *H):	107.49 x 64 x 9 mm
Weight:	64.3g (without accessories)
Protection:	IP65 rating
Battery:	1,250mAh rechargeable battery
Charging time:	3h
Sensor:	Accelerometer
Button:	Power button, function button, reset button
Buzzer:	Supported
NFC:	Supported, about 1.5 cm
Data transmission:	4G LTE Cat.1
Flash:	8MB
Work temperature:	-20~60°C
Charging temperature:	0~45°C



BLE Specs.

BLE version:	Bluetooth® LE 5.0
BLE band:	2.4 GHz, 40 channels (2400~2483.5 MHz)
Bluetooth bandwidths:	1Mbps
BLE scan distance:	85m (open area)
Scan period:	Configurable

GNSS Specs.

Navigation satellite system:	GPS/ BDS/ GLONASS/ Galileo
Positioning accuracy:	<8.9 m(open area)

Cellular Specs.

Cellular Connection:	4G LTE Cat.1
Cellular Networks Bands:	EU: LTE-FDD B1/3/5/7/8/20/28 US: LTE-FDD B2/ 4/ 5/ 12/ 13/ 66
SIM card:	Nano SIM

