MINEW

MG3 USB Mini Gateway

Your Portable Partner for Tags.

MG3 USB Mini Gateway, powered by USB, is a plug-and-play Bluetooth® Wi-Fi gateway, which is ideal for data transmission and collection of Bluetooth® devices. The collected Bluetooth device signals are encapsulated into JSON packets and sent over Wi-Fi. Users can remotely monitor Bluetooth devices on the cloud platform for typical uses. A system with MG3 can lower the cost and improve efficiency while maintaining precision, making it suitable for being deployed in logistics, healthcare, office, and other scenarios.

FEATURES ▶

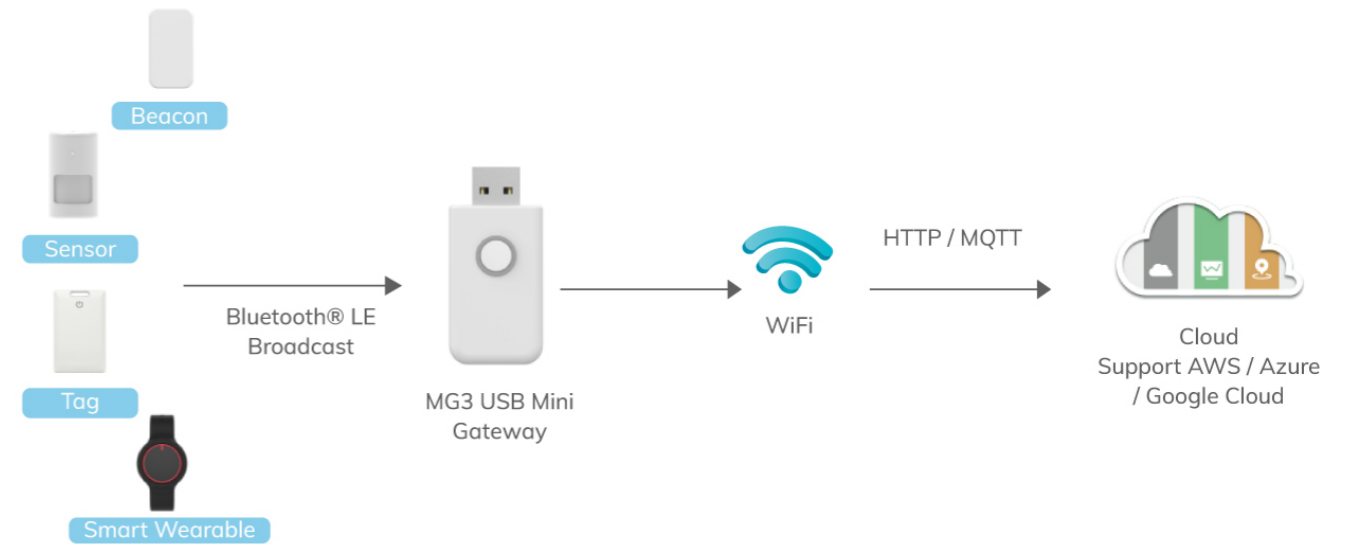|				
Plug and play & quick setup	Small and swift & flexible installation	High throughput & data filterable	Strong compatibility & easy integration	Secure data transmission

MG3 BASIC PARAMETERS

Color:	White
Dimensions (L*W*H):	50 * 24 * 10.5 mm
Material:	ABS
Weight:	9 g
Power Supply:	USB powered
Bluetooth Version:	Bluetooth® LE 5.0
Number of Received Broadcast Packets:	70 packets/second
Working Temperature:	-20℃ ~ 55℃
Scan Coverage:	70 meters of covered radius

50 mm
24 mm
10.5 mm

HOW IT WORKS ▶

Beacon
Sensor
Tag
Smart Wearable

Bluetooth® LE Broadcast → MG3 USB Mini Gateway → WiFi → HTTP / MQTT → Cloud Support AWS / Azure / Google Cloud
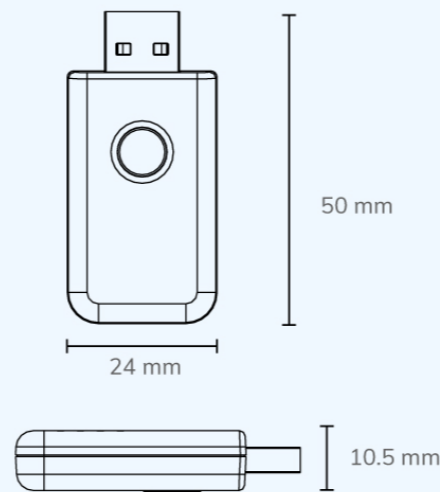
1 Deploy Bluetooth beacons, sensors, and MG3 gateways according to demands.

2 Turn on Bluetooth beacons, sensors, and gateways, and configure the gateway parameters through the App Gateway Configurer.

3 The MG3 gateway scans Bluetooth signals and collects data, and uploads to the corresponding server through different network protocols.

4 After the data is parsed on the server, users can process and analyze to attain functions such as environmental monitoring and asset management.

*Please base on SDKs provided by cloud services vendors to do futher developments and testings if you need more cloud service features as listed.

BENEFITS ▶

Data collection
- Real-time data collection and upload
- 70 data packets collected per second
- Accurate receiving and effective filtering

Bluetooth device management
- Compatible with various Bluetooth devices
- Tags, sensors and more under centralized control

Highly secured and reliable
- Data transmission under security protocols
- High data security

Easy to set up
- Lightweight and portable
- OTA upgrade supported, easy maintenance
- Powered by USB on the computer, power bank, and more

MINEW PROVIDES ▶

Free Beacon Configuring APP in Google Play & APP Store(BeaconSET+)	Firmware, APP, Cloud SDK is available	Pre-configure UUID, Major, Minor and etc before the shipment	Software, Hardware, Mold, Package can be customized	Global Service and Technical Support