



### Easily Powered By



## MG8 Micro-USB LTE Gateway

Compact Power. Simple Setup. Globally Connected.

The MG8 is a revolutionary plug-and-play Bluetooth gateway that simplifies real-time data collection from beacons, sensors, and trackers. Powered conveniently via a Micro-USB port, it requires no complex Ethernet cables or local Wi-Fi setup. Featuring integrated 4G Cat.1 cellular connectivity, the MG8 ensures your critical data is transmitted reliably to the cloud from any location with a cellular signal. This compact, zero-infrastructure solution is perfect for rapid deployments, mobile asset tracking, and remote site monitoring, drastically reducing installation complexity and cost.



### Global Cellular Connectivity

Supports 4G Cat.1, compatible with carriers worldwide for reliable cloud data transmission.



### Ensure continuous signal reception indoors

Powered by mobile workstation USB port, the MG8 ensures continuous signal reception with zero data gaps.



### Filter Bluetooth data, cut cellular cost

Automatically filter redundant data at the edge, significantly reducing 4G and cloud costs.

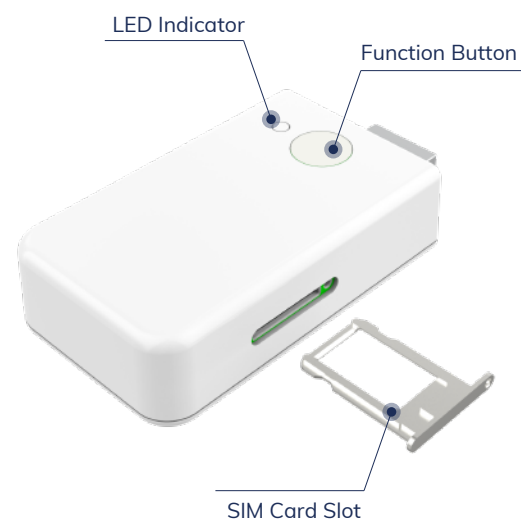


### USB-powered plug-and-play design

USB-powered, no complex wiring—deploys in seconds with flexible placement

## Specifications

Material	ABS + PC
Power Supply	USB powered (DC 5V/2A)
Flash	8MB (offline storage capacity: about 30,000 records)
Work Temperature	-20°C to 60°C
Configuration	TagCloud 3.0, MinewLink App
Data Security	SSL/TLS
Bluetooth Version	Bluetooth® LE 5.0
Bluetooth Bandwidth	1Mbps
Scan Range	80 m (open area)
Cellular Connection	4G LTE Cat.1
SIM Card	Nano SIM (not included)



## How it works

The MG8 scans real-time signals from all BLE devices. Using edge processing, it filters redundant data and uploads only essential information via 4G, dramatically cutting transmission and cloud expenses.



## Use Cases



### Temporary Events

Quickly deploy visitor management project or sensor monitoring at any event booth. Utilize any available laptop or standard USB adapter for instant, cable-free data collection without relying on venue Wi-Fi access.



### Smart Office

Accelerate your smart office project setup by instantly deploying the MG8 gateway. The plug-and-play USB design allows quick deployment without complicated IT configuration or network access requests.



### Hospital Tracking

Power the gateway via a Mobile Workstation on Wheels USB port to collect data from patient wearables and asset trackers. This ensures reliable, real-time logging crucial for patient safety and equipment optimization.



### Remote Equipment Health

Monitor isolated, high-value rental machinery or appliances with equipment monitoring sensors. The 4G link provides essential remote condition reporting without costly network drops or cabling.