



# MG6

## 4G Bluetooth Stellar Gateway

The MG6 has a wide coverage area of up to 600 meters (open area), allowing it to swiftly scan a large number of tags and sensors, making it an ideal choice for logistics, warehouses, retail spaces, and exhibitions with high volumes of goods and foot traffic. The gateway supports multiple upload channels, including WiFi, Ethernet, and 4G, and automatically switch between different network standards to ensure exceptional performance in complex settings. It seamlessly integrates with other sensors and system platforms for real-time environmental monitoring, reducing the need for manual inventory checks and other labor-intensive tasks.



### FEATURES ▶

- WiFi/ Ethernet /4G
- Intelligent network switching
- Scalable Data Throughput
- WPA/WPA2/WPA3
- Data security (MQTT/HTTP/TCP)
- Edge computing
- Max scanning distance 600m (open area)

### BASIC SPECIFICATIONS

Model:	MG6
Material:	ABS+PC
Color:	White
Size (DH):	130*186*36 mm
Power Supply:	DC 12V/1A PoE (IEEE 802.3af )
Network Connection:	WiFi / Ethernet / LTE Cat.1
Working Environment:	Indoor
Working Temperature:	-20~50 C
Working Humidity:	5%~95%RH, no condensation
Firmware Update:	OTA, LAN, TF card

### BLUETOOTH

Bluetooth frequency:	2.4-2.4835 GHz
Bluetooth bandwidth:	2Mbps/1Mbps/125Kbps
Scan range:	125Kbps: 400-600 M 1Mbps: 150-250 M ( open area)

### LTE CAT1

Frequency band:	CN(FDD):B1/3/5/8/9 CN(TDD):B34/38/39/40/41 EU(FDD):B1/3/5/7/8/20/28 NA(FDD):B2/4/5/12/13/14/66
Transmit Power:	23dbm
Receiver Sensitivity:	-93.3dbm

### WIFI

Wireless Standard:	IEEE 802.11 b/g/n
Network Protocol:	HTTP(SSL/ TLS) / MQTT(SSL / TLS & Proxy) / TCP WPA-PSK, WPA2-PSK,WPA-PSK/WPA2-PSK, WPA3-SAE, WPA2-PSK/WPA3-SAE, WPA-EAP, WPA2-EAP, WPA3-EAP, WPA2-EAP/WPA3-EAP
Wireless Encryption:	

### APPLICATIONS ▶



# REAL-TIME VISIBILITY INTO SUPPLY CHAIN OPERATIONS AND PERFORMANCE



Bluetooth 4G WiFi Ethernet



BLE Smart Label



Bluetooth UHF RFID 840-960 MHz

