MOKO SMART

MKGW7

USB Gateway

Compact size

Wifi/USB mode optional

Enhanced wireless performance

No need extra power

Support multiple data filters

Downlink communication with beacons

Bluetooth Gateway

Compact Size EasyConnection

The MKGW7 bridges Bluetooth beacons and cloud servers, efficiently gathering proximate beacon data and seamlessly transmits it to the server via either WIFI or USB connectivity. By offering a cost-effective and high-performance solution, the MKGW7 enables real-time location services, condition monitoring, asset tracking, and personal safety management.
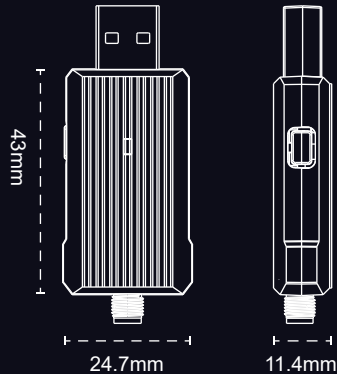
MKGW7

Bluetooth Gateway

Application Scenarios

Smart Office

43mm

24.7mm

11.4mm

Warehouse

Healthcare

Categories	Parameter	Value
Physical Specification	Material	ABS+PC
	Color	Black
	Dimension	43.0x 24.7 x 11.4 mm
	Installation	Insert into USB port
	Antenna	1* internal/external 2.4GHz BLE antenna
	Power	Type-A USB (5V/1A)
Application Specification	Operating temperature	-20 ℃~ 50 ℃
	Humidity	Maximum 95% non-condensing RH
MCU Parameters	MCU	ESP32-C3-MINI-1(U)
	Flash	4M
	RAM	512KB SRAM
Connection Parameters	Wifi Protocol	802.11 b/g/n
	Wifi Security	OPEN/WEP/WPA_PSK/WPA2_PSK/WPA_WPA2_PSK/WPA2-Enterprise
	Bluetooth Protocol	BLE 5.0 (support 1M/2M/Coded LE PHY)
	Bluetooth Scanning Range	200 meters (in open area)
Communication	Protocol	MQTT V3.1.1
	Encryption	SSL/TLS
	Format	JSON