MKGW8

Indoor LTE Gateway

MOKO SMART

- Dual WiFi/ Ethernet/LTE
- Intelligent network switching
- POE cascading/DC power supply
- Powerful data processing capabilities based on Linux
- Supports multiple data filters
- Upgrade firmware over-the-air



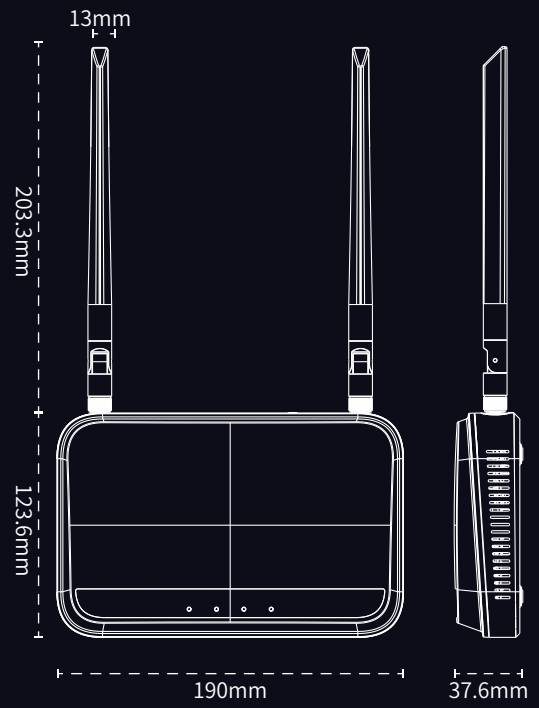
Bluetooth Gateway

Enhanced BLE Scanning
Seamless Connectivity

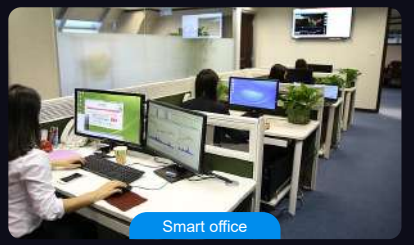
MKGW8 is a Linux-based BLE Gateway supporting Ethernet/WIFI/4G backhaul networks. Its dual Bluetooth modules enable excellent BLE scanning capabilities, compatible with various beacons and flexible filters to upload expected data. Supporting both DC power and POE cascade, MKGW8 is easy to be installed in any situation. Multiple supporting networks and powerful scanning ability make MKGW8 a wonderful choice for real-time location service, condition monitoring, assets tracking and personal safety management.

MKGW8

Indoor LTE Gateway



Application Scenarios









Categories	Parameter	Value
Mechanics	Material	ABS+PC
	Color	White
	Dimension (L*W*H)	1.69 x 0.97 x 0.45 inches (43.0x 24.7 x 11.4 mm)
	LED indicator	1* intelligent RGB LED+3* LED
	Button	1*reset button
	Interfaces	1*TF card, 1 SIM card, 2*RJ45
	Antenna	2* BLE antenna
	Battery	None
Environment	Operating temperature	-20 °C~ 50 °C
	Storage temperature	-30 °C~ 70 °C
	Humidity	Maximum 95% non-condensing RH
Power	External Power	12V/2.5A
MCU	MCU	MT7628
	Flash	32M
	RAM	128M
Wi-Fi	Band	2.4GHz/5GHz (5GHz optional)
	Protocol	802.11 b/g/n
	Security	OPEN/WEP/WPA_PSK/WPA2_PSK/WPA_WPA2_PSK/WPA2-Enterprise
Bluetooth	Module	ESP32-C3-MINI 01*2
	Bluetooth Protocol	BLE 5.0 (support 1M/2M/Coded LE PHY)
	Bluetooth Mode	Scanning and advertising
Communication	Protocol	HTTP/MQTT V3.1.1
	Encryption	SSL/TLS
	Format	JSON

MOKO SMART

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