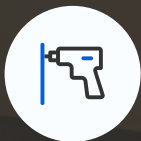




MOKO SMART

MKGW2-LW

LoRaWAN Gateway



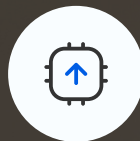
Easy to install



One key reset



High-gain
antenna



Supports OTA/USB
firmware upgrade

LoRaWAN Gateway

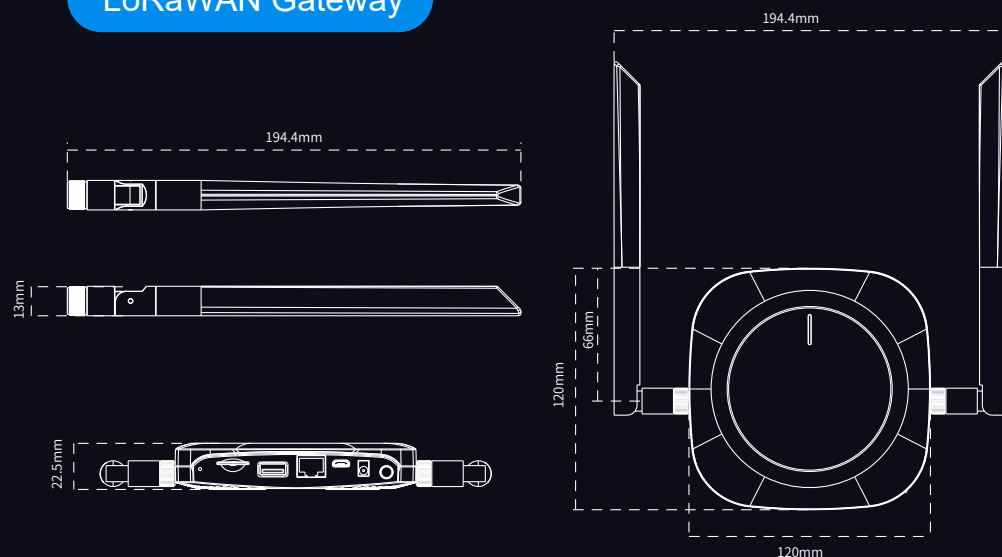
Effortless Installation
Boundless Connection

The MKGW2-LW gateway leverages the LoRaWAN protocol, integrating Semtech's high-performance multi-channel transceiver (SX130X/SX125X) with the MTK platform for robust connectivity. Its compact design ensures effortless installation on roofs, walls, and in other indoor environments, making it ideal for smart factories, buildings, offices, and other IoT applications.

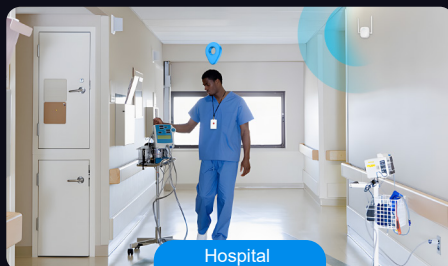


MKGW2-LW

LoRaWAN Gateway



Application Scenarios



Categories	Feature	Specification
Chipset	LoRa®	Semtech SX130X + 2*125X
	Wi-Fi	MTK MT7688 with 128M DDR and 32M flash
Wireless Characteristics	Wi-Fi frequencies	2.4GHz
	LoRaWAN Regions	EU868/US915/AU915/AS923-1/AS923-2/AS923-3/AS923-4/RU864/IN865/KR920
Interfaces	Wired	Ethernet - RJ45 Connector
	Wireless	LoRaWAN, Wi-Fi 2.4 GHz
Software	Operating System	Embedded Linux, 3.10 Kernel version
	LoRa Protocol	Semtech UDP Packet forwarder Semtech Basics Station
	Configuration	Web-based interface via Wi-Fi
Wireless coverage	WIFI	130M (Open Space)
	LoRa	Up to 4 km (in urban open space)
Power Supply	DC Jack	DC 12V-1A
	POE	POE (IEEE 802.3af), 42~57VDC
	Micro USB	5V/2A
Dimensions	Dimensions (mm)	194.4*120*22.5
	Weight	215g
Application Parameters	Operating Temperature	-20 ~55°C
	Storage Temperature	-40~+85°C
	LoRa Output Power	Max 23dBm
	LoRa Sensitivity	-141dBm@SF12, BW=125kHz
Antenna	WIFI antenna	4.19dBi External antenna
	LoRa antenna	3dBi External antenna