



MG7 Mini Ethernet Nova Gateway

The MG7 Mini Ethernet Gateway is an advanced, compact Bluetooth gateway developed by Minew. Designed for seamless integration in various environments—from industrial settings to office buildings and healthcare facilities—this versatile device ensures reliable data transmission and connectivity. It supports both Ethernet (PoE) and Wi-Fi, offering flexibility in how you deploy and connect. Equipped with the Espressif ESP32 chipset, the MG7 supports Bluetooth BLE 5.x for enhanced performance, making it perfect for any application where stability, security, and efficient data transfer are critical.



Stable Power & Reliable Data Transmission



Effortless Setup & Network Configuration



Compact & Flexible Design



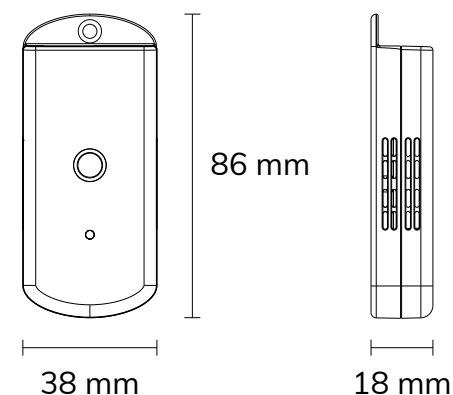
Strong Compatibility & Enhanced Security



Edge Computing for Optimized Data Filtering

Specifications

Model	MG7
Material	ABS+PC
Color	White
Weight	33g
Power Supply	IEEE 802.3af PoE
Network Connection	Ethernet, WiFi
Button	A multi-function button
Working Environment	Indoor
Working Temperature	-30~50°C (-22~122°F)
Firmware Upgrade	OTA, LAN upgrade
Bluetooth Version	Bluetooth® LE 5.x
Number of Received Data Packages	About 200 packets per second
Scan Coverage	About 90 meters of covered radius (open area)



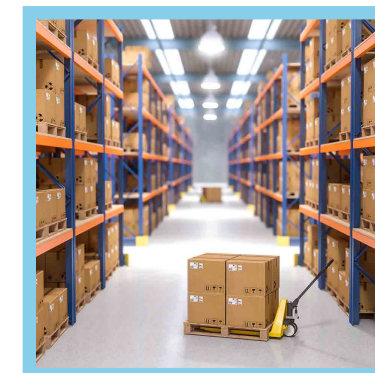
Application Scenarios



Smart Healthcare



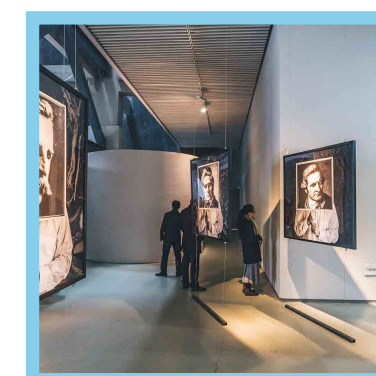
Smart Buildings



Smart Warehouses

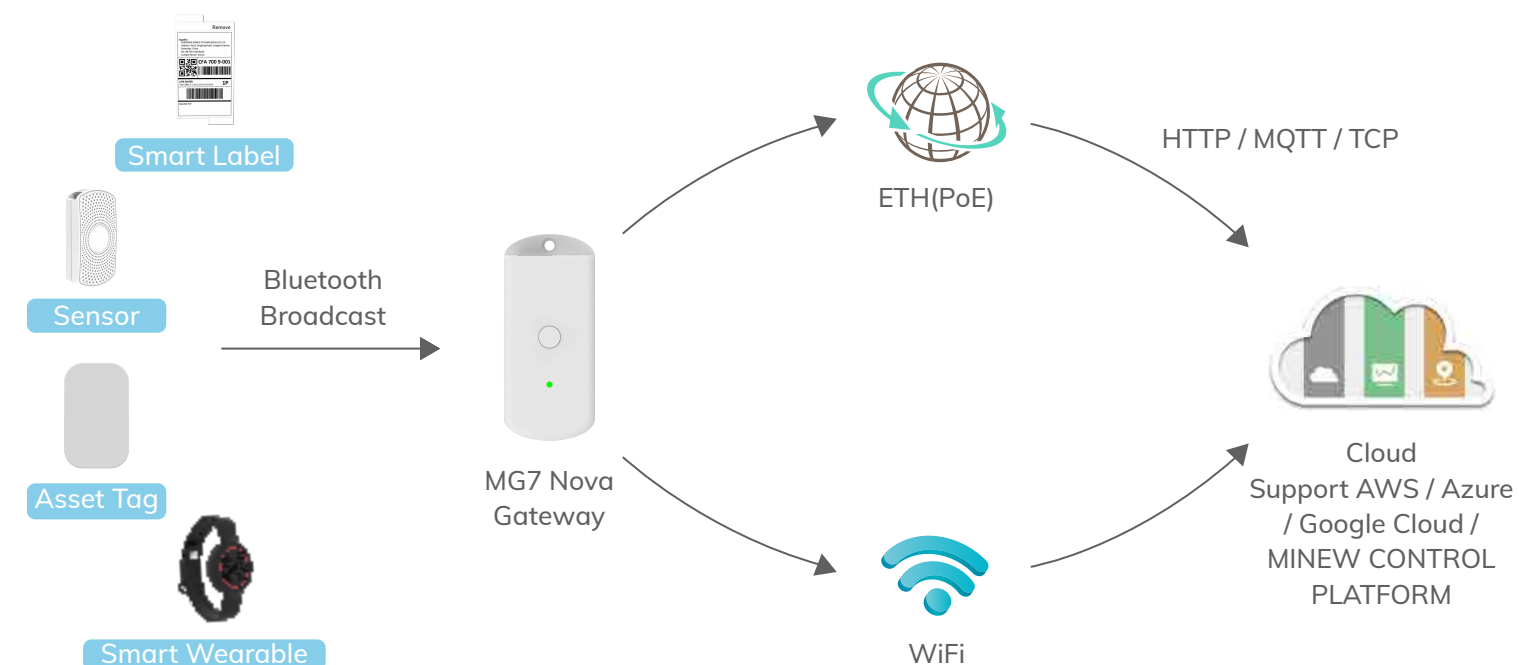


Smart Retailing



Smart Venues

How it works



① Deploy Bluetooth Tags, sensors, and MG7 gateways based on actual requirements.

② Bind a Bluetooth tag device to an asset, person, tool, or mobile device that you want to locate.

③ Within the scanning range of the gateway, the MG7 gateway scans and collects Bluetooth.

④ Users analyze the data on the server, and do related processing, and finally achieve environmental monitoring, asset management and other functions.