

MG6810 Indoor Pico LoRaWAN Gateway

Product Brief

Features

- LoRaWAN™ network compliant
- Channels: Up to 16 concurrent channels
- Supports ethernet and WIFI
- Based on OpenWrt system
- Compact size: 126*148*49 mm ±0.3mm
- Simple to mount and install
- EU868, US915, AS923 and CN470 versions available.



Description

MG6810 is designed to be a fully compliant LoRaWAN gateway, with WiFi and ethernet as the backhaul. It includes one or two LoRa concentrator, which provides up to 16 programmable parallel demodulation paths. This gateway is perfectly designed for indoor public network extension or for ad-hoc indoor private coverage, like manufacturing, logistics or industrial sites requiring continuous connectivity for their IoT applications.

Ordering information

No.	Item	Description
1	MG6810-U	902-928MHz, Suitable for USA, Australia, Asia , Korea, Japan etc..
2	MG6810-E	863~870MHz , for Europe
3	MG6810-C	470-510MHz, for China
4	MG6810-W	433MHz , for China or Europe.

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Specification

Hardware:

- CPU: MT7688AN
- Core : MIPS24KEc
- Frequency : 580MHz
- RAM: DDR2, 128M
- FLASH: SPI Flash 32M

Power supply:

- DC5V/2A
- Average power consumption: 5W

Enclosure:

- Alloy

Install:

- Strand mount/wall mount,

Communication:

- 10/100M Ethernet*1,
- 150M WIFI rate , support 802.11b/g/n
- LED indication
- Secure VPN
- LoRaWAN™ compliant (433~510MHz or 863~928MHz , Opt)
- LoRa™ Sensitivity -142.5dBm, up to 16 LoRa™ demodulators
- More than 10km in LoS and 1 ~ 3km in dense environment

GENERAL INFORMATION:

- Dimensions: 126*148*49 mm
- Operation temperature: -40 °C~+80 °C
- Storage temperature: -40 °C~+80 °C
- Weight : 0.875KG

Mechanical Diagram

