

**HF-PG2**  
**Fire Gateway**

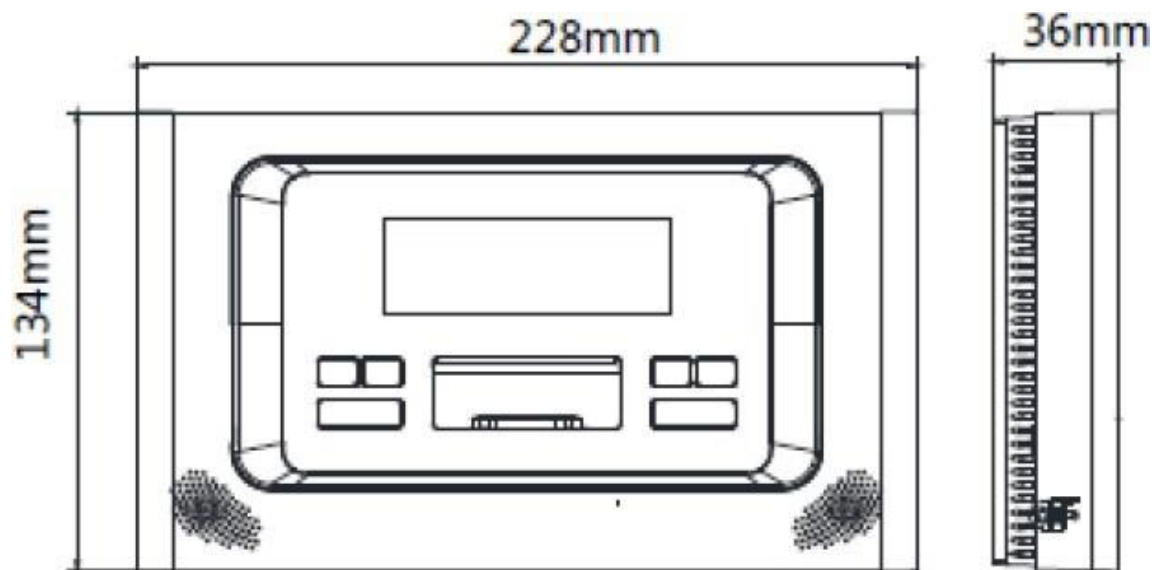
This product is suitable for fire detection and security alarm. It can match various wireless peripherals such as smoke, sound and light, and manual call point to form a protection system. Once an alarm (manual alarm) is detected, it can be immediately sent to the alarm to the platform. It can be widely used in dormitories, public rental housing, nursing homes, Taoist temples, temples, farmers markets, high-rise buildings, factories, and small and medium-sized scenes with concentrated protection areas.

- Superior wireless capability: Peripheral communication covers 1.5 km~2 km in open spaces, penetrates 3~5 ordinary interior walls or 1~2 load-bearing walls, and extends 20~40m in corridors. Features two-way adaptive frequency hopping communication.
- Localized disposal: fire alarm / self-test, reset /silence, voice broadcast, buzzer prompt.
- Ease of use: The alarm is displayed in English, which is intuitive and clear, and the signal strength is indicated, which is easy to install.
- Safer: AES128 encryption, tamper alarm, three-level user rights management.

## ▪ Specification

Key Feature	
Peripheral Access Number	no more than 128 peripherals
Self-Adaptive Frequency Hopping Communication	Support, strong environmental adaptability
Communication Security	AES128 dynamic encryption anti-replay, frequency allocation anti-collision
Communication Distance	1.5~2 km in open scenes, penetrates 3~5 ordinary interior walls or 1~2 load-bearing walls, and extends 20~40m in corridors
Function	
Signal Search	Yes
Tamper Alarm	Yes
Local Silence	Yes
Undervoltage Alarm	Yes
Reset	Yes
Self-Test	Yes
Interface	
Ethernet Interface	1
Auxiliary Power Interface	1, DC 12 V/1A
Relay Output	2, relay capacity (DC 30V/1A)
General	
Battery Capacity	2500 mAh
Shell Material	PC + ABS
Alarm Volume	75dB@1m(A-weighted)
Power	Main power: 12V power adapter Battery power: 7.2V,battery SF18650(rechargeable)
Communication Mode	LoRa,433MHz
Working Humidity	≤95% relative humidity (RH)
Weight	630 g(with battery)
Dimension (L × W × H)	L 228 mm × W 134 mm × H 36 mm(Antenna not included)
Installation	Wall mounting
Working Temperature	-10 °C~ 55 °C (14 °F to 131 °F)

## ▪ Dimension



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