

HK-SG-1124

Fire sound and light alarm



HK-SG-1124 Fire sound and light alarm is a kind of alarm equipment in fire alarm system. The device is installed in a public place. When a fire occurs, the device will emit sound and light alarm signals to warn people to evacuate to a safe place.

- Support networking applications with gateways through LoRa communication.
- Support alarm sound and light linkage.
- Support battery undervoltage alarm, main power abnormal alarm, anti-dismantling alarm, communication abnormality, etc. Function detection and indication.
- Support signal strength query mode, easy to deploy and install.
- Support remote alarm cancellation.
- Lithium battery power supply, the theoretical design life of the battery is more than 5 years.
- Using the test function, the user self-checks the working status of the equipment.



• Specifications

Model	HK-SG-1124
Product performance standards	GB 26851-2011 "Fire Sound and/or Light Alarm"
communication method	LORA
Alarm volume	≥ 85 dB@3 m (A weighting)
Alarm indicator	1; red: alarm; yellow: fault; green: status (communication, signal, code matching)
Flash frequency	1 Hz ~ 2 Hz
Pitch change cycle	3 s ~ 5 s
Communication performance	Open scene 1.5 ~ 2 km; 3 ~ 5 ordinary walls; 1 ~ 2 load-bearing walls; 1 basement
Signal query mode	support
Remote alarm cancellation	support
Anti-dismantling alarm	support
Test function	support
Undervoltage alarm	support
power supply	Main power: DC 12 V/1 A; backup power: lithium battery CR17450 (2400 mAh, DC 3 V, with wire thrown)
Battery life	Standby: 5 years (according to actual usage, battery life may be reduced) Alarm: lasts for 60 minutes (disposable lithium battery, replaceable)
Working current	Standby state ≤ 5 μA Alarm state ≤ 130 mA
Operating temperature	-10 °C ~ 55 °C
Working humidity	≤ 95%, no condensation
Overall dimensions (length×Width×height)	L 162 mm × W 112 mm × H 67 mm
Shell material	ABS, red
weight	318 g
Installation method	Wall mounting, surface mounting
Installation scene	indoor

General specification

▪ Dimensions

