

DHI-HY-L151

LoRa Sounder Strobe



- Completes EMC tests, featuring strong anti-EMI capability, high stability, and reliability
- Ultra-low consumption, high load capacity
- Loud 75+ dB(A) sound & bright alarm at 3 m
- High acid and rust resistance of contact material

System Overview

The DHI-HY-L151 LoRa Sounder Strobe is compatible with an Addressable Fire Alarm Control Panel. It can be connected to the panel and wirelessly transmits information using LoRa networking. When a fire occurs, it emits an audible and light alarm signal to alert people.

Functions

Audible and light alarm

When alarm is triggered, an audible and light alarm signal is sent out.

Wireless communication

Without wiring, easy installation.

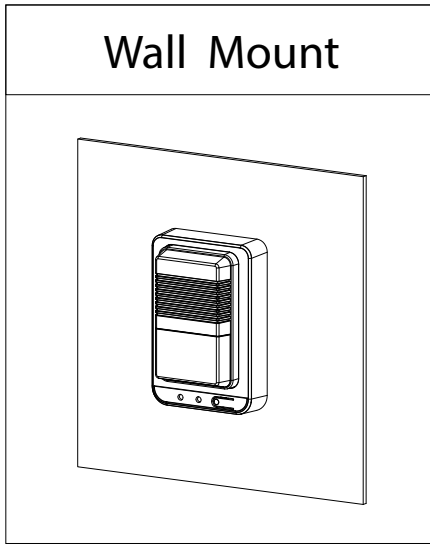
Scene

It is suitable for hotels, shopping malls, office buildings, underground garages, and other crowded or large buildings.

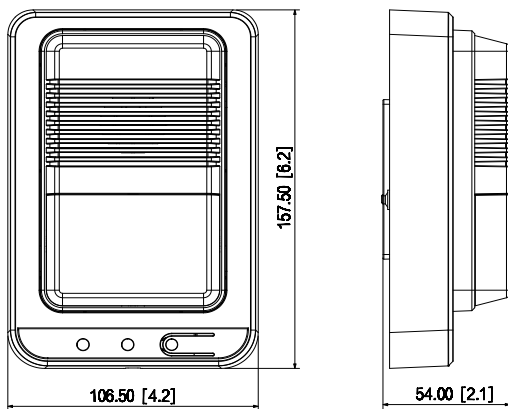
Technical Specification

Communication	LoRa
RF Frequency	470 MHz-510 MHz
Communication Distance	Free space: a maximum of 1500 metres Ordinary walls: 3-5
Alarm Mode	Visual and audible alarm
Alarm Volume	75 dB-115 dB (A) at 3 m (9.84 ft)
Alarm Output	RF transmission
Silence Duration	≤ 100 s
Operating Voltage	DC3V
Operating Current	Monitoring Current: ≤150uA Alarm Current: ≤50mA
LED Instruction	Alarm: Red indicator flashes once every second Fault: Yellow indicator flashes once every minute Standby: Green indicator flashes once every minute
Battery Life	Standby: 1 year Alarm: continuously 12 hours
Battery	DC3V, 2400mAh
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Storage Temperature	-20°C to +60°C (-4°F to +140°F)
Operating Humidity	≤ 95% RH (no condensation)
Dimensions (with base)	106.5 mm × 157.5 mm × 54 mm (4.19" × 6.20" × 2.13")
Weight (with base and battery)	260 g (0.57 lb)
Installation	Wall Mount
Color	Red

Installation



Dimensions (mm/inch)



Ordering Information

Type	Model	Description
LoRa Sounder Strobe	DHI-HY-L151	LoRa Sounder Strobe