

DHI-HY-L0200

LoRa Heat Detector



- Completes EMC test, it has strong anti-electromagnetic interference ability, high stability and reliability
- Rate of rise & fixed temperature algorithm satisfies a variety of complex scenarios
- Contacts material is highly acid-resistant and rust-resistant
- Promptly send out audible and visual alarm signals

System Overview

DHI-HY-L0200 LoRa Heat Detector can be connected to the Addressable Fire Alarm Control Panel. Compatible with wireless gateway, it transmits information through LoRa networking. This detector analyzes ambient temperature by rate of rise & fixed temperature algorithm to trigger alarms.

Functions

Temperature alarm

With rate of rise & fixed temperature algorithm, when the temperature reaches the preset alarm threshold, the detector sends alarm signal, satisfying a variety of complex scenarios.

Wireless communication

Without wiring, easy installation.

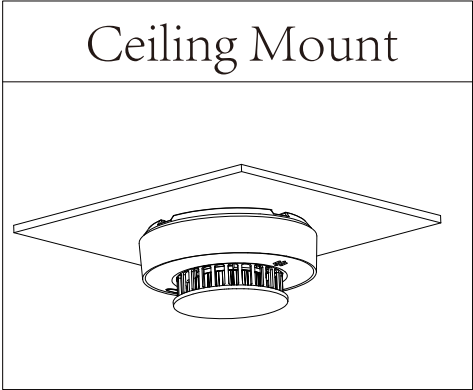
Scene

It is suitable for kitchens, smoking rooms, boiler rooms, generator rooms and other high-humidity places, where is not suitable to use photoelectric smoke detectors.

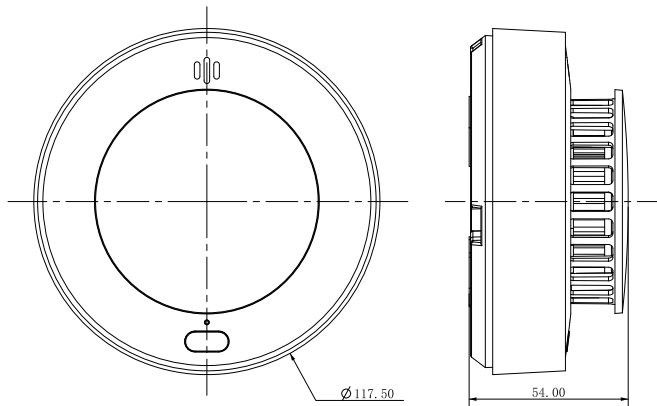
Technical Specification

Communication	LoRa(916MHz)
Communication Distance	Free space: a maximum of 1500 metres Ordinary walls: 3-5
Alarm Mode	Visual and audible alarm
Alarm Volume	45 dB-75 dB (A) at 3 m (9.84 ft)
Alarm Output	RF transmission
Silence Duration	≤ 100 s
Operating Voltage	DC3V
Operating Current	Monitoring Current: ≤15uA Alarm Current: ≤35mA
LED Instruction	Alarm: Red indicator flashes once every second Fault: Red indicator flashes once every minute Standby: Green indicator flashes once every minute
Battery Life	About 5 years
Battery	DC3V, 2400mAh
Coverage Area	H ≤ 4 m (13.12 ft): 50 m ² 4 m (13.12 ft) ≤ H ≤ 8 m (26.25 ft): 30 m ²
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)	Φ117 mm × 53 mm (Φ 4.61" × 2.09")
Weight (with battery)	150 g (0.33lb)
Installation	Ceiling Mount
Color	White

Installation



Dimensions (mm/inch)



Ordering Information

Type	Part Number	Description
LoRa Heat Detector	DHI-HY-L0200	LoRa Heat Detector