HF-AH1
Addressable Heat Detector



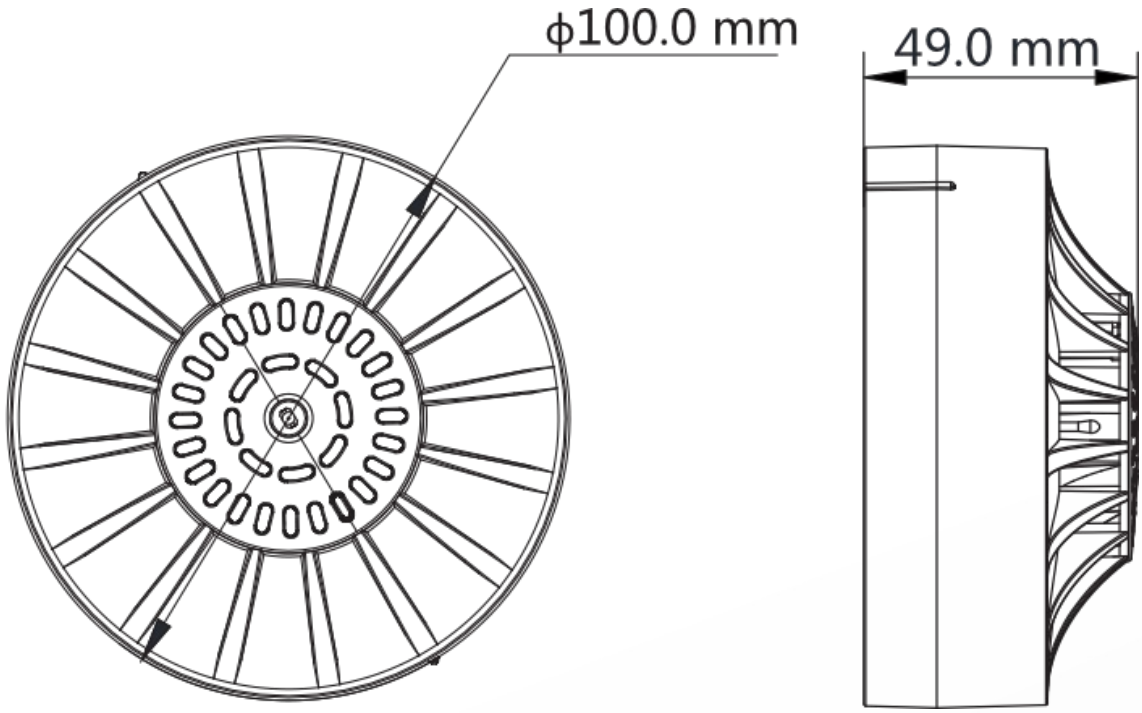
The addressable heat detector detects changes in the surrounding environment temperature through a thermistor. In the initial stage of a fire, in addition to producing a large amount of smoke, objects will release a large amount of heat during the combustion process, causing a sharp increase in the temperature of the surrounding environment. The resistance in the thermal element undergoes physical changes based on the thermal effect, responding to abnormal temperature, temperature rate, and temperature difference, thereby converting the temperature signal into an electrical signal and issuing an alarm.

- The fire alarm confirmation light adopts a light guide column for conduction, visible at 360°.
- Two-wire, convenient for construction wiring.
- High reliability sensor design, suitable for environments such as high humidity basements.
- Intelligent temperature compensation algorithm improves the response ability under different temperature rise conditions.

▪ Specification

Bus Parameters	
Wiring requirements	RVS 2*1.5 ㎡ Flame Retardant Wire, Max distance: 1000 m
General	
Main Power Supply	DC24V （DC18V~DC28V）
Product Dimension	Φ 100.0 mm × H 49.0 mm (with base)
Weight	92 g
Indicator	1 Red
Monitor Current	≤ 300 μA
Wiring	Two-wire, 1 is for L-, 3 is for L+ ; 2 is for R-, 4 is for R+
Material	ABS
Alarm Current	≤ 350 μA (when the remote indicator light function is enabled, the alarm current is about 2.4mA)

▪ Dimension



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