

NP-FY200 Photoelectric Smoke Alarm



NP-FY200 Photoelectric Smoke Alarm can detect smoke in the early stage of a fire hazard, and provide warnings by sending out audible and visual alarm signals. The alarm is designed for residential and institutional applications including shops, family dwellings.

- Dual-light sensing technology for reducing false alarm caused by vapor.
- Alarm indicating buzzer, sound level ≥ 85 dB@3 m (A-Weighted).
- Powered by lithium battery, long battery life under normal operation.
- Supports test feature to verify whether the device is working properly.
- Supports multiple alarm types: low voltage alarm, tampering alarm, maze dirty alarm.
- Constant temperature alarm/Differential temperature alarm.

▪ Specification

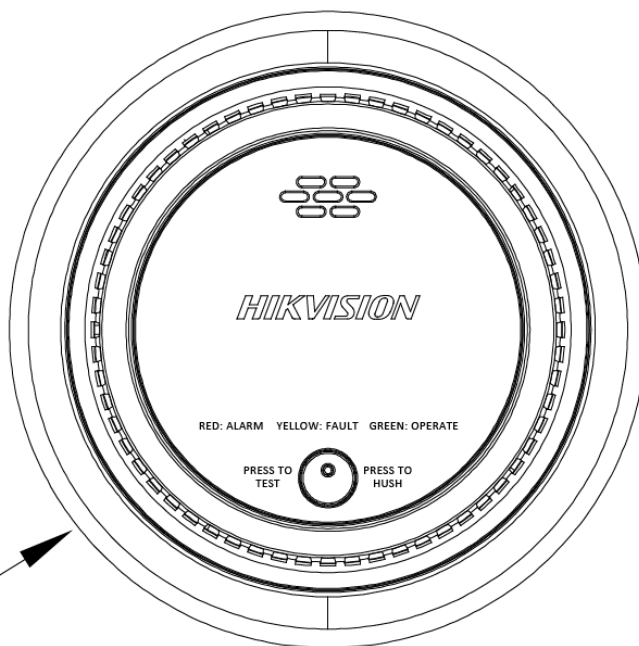
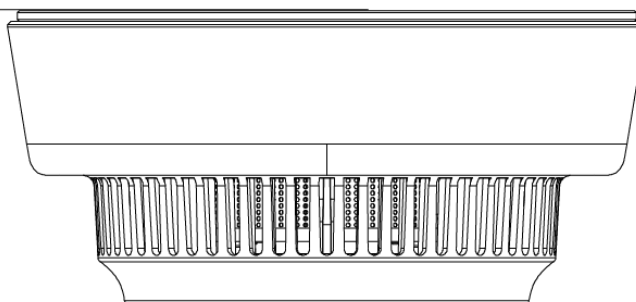
Function	
Constant temperature alarm	> 57 °C
Differential temperature alarm	$\Delta T > 8 \text{ }^\circ\text{C}/\text{min}$
Vapor resistance	Yes
Hush	Yes
Maze dirty alarm	Yes
Low voltage alarm	Yes
Test	Yes
Battery uninstalled indicator	Yes
General	
Working principle	Photoelectric
Power supply	3 VDC, battery CR17450 (with cable)
Battery capacity	2400 mAh
Standby current	$\leq 10 \text{ } \mu\text{A}$
Alarm current	$\leq 35 \text{ mA}$
Alarm mode	Audible & visual alarm
Alarm sound level	$\geq 85 \text{ dB@3 m (A-Weighted)}$
Battery Life	Ten-year battery life under normal operation
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	$\leq 95\%$ relative humidity (RH)
Dimension ($\phi \times H$)	120 mm \times 56 mm (4.7" \times 2.2")
weight	202 g (0.45 lb) (with battery)
Installation	Ceiling mounted

▪ Available Model

NP-FY200

▪ Dimension

2.20" (56 mm)



φ 4.72" (120 mm)

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