



### Specification

Model	AHS-871		
Type	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current	Max. 30mA		
Surge Current	2A/100ms		
Standby Current	20 ~ 30µA (Loop response under 75µA)		
Permissible Current	185mA		
Sensitivity Setting	1.50 ~ 2.80%ft		
Ambient Temperature	0°C ~ +37.8°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 50mm(H)		
Weight	About 170g		
Color	White		

### Effective alert area

Building Height	Area Covered
Under 4M	150 M <sup>2</sup>
4 ~ 20M	75 M <sup>2</sup>

### Characteristics

- Detector has a monitoring LED operates about every 16 seconds ( flash ) during standby status. When there is smoke, detector will issue fire signal after 16 consecutive times of confirmation on every 0.3 second. If any dust cause flashing or inconsecutive signal, it will back to normal status after 32 confirmations.
- The coating of terminal contacts has meets the Rohs and has better result on corrosion and conduction.
- Each detector has added specific components that will effectively isolate interference from electromagnetic field and thunder strike.
- All detectors use high-density steel as the material of contacting plate to meet International standards.