

# AH-0014

## Flame Detector

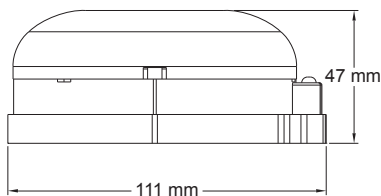


### Description

The detector has wide-angle sensitivity that can reliably and quickly detect weak ultraviolet radiations emitted by flame. It will not react to room illuminations, infrared or other light sources unrelated to real fire.

### Applications

- Premises with higher ceilings: theater, gym, storage, gallery or warehouse, etc.
- Places where fires happen easily: places storing with combustible goods, gas stations, factory working places, machine rooms, etc.
- Ventilate places: open markets, station platforms, hotel lobbies, department stores, etc. (places that smoke and heat can not gather during early period of fire)
- Others: tunnels, computer rooms, etc.



### Installation Instructions

1. Install at obstruction-free places.
2. Avoid installing near mercury lamps, halogen lamps and sterilization lamps.
3. Avoid installing within sensitive range of welding sparks and radiation.

### Specifications

Model	AH-0014		
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 @24V DC 470Ω	40mA	40mA	35mA
Standby Current @24V DC 470Ω	under 100μA		
Sensor Type	Ultraviolet		
Sensitivity Angle	120°		
Sensitivity Range	It can detect flame of 15mm at distance of 3m		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	111mm(Dia.) x 47mm(H)		
Weight	About 170g		
Color	White		