

## Infrared flame detector (IR detector)

Infrared flame detector (IR detector) utilizes multi-spectral infrared sensing technology to detect the presence of flame. It employs narrow-band IR sensor responding to flame radiation having infrared wavelength, so to identify fire.



- Certificate: ISO
- Standard: EN 54-10, GB 15631
- Feature: Fire response time 5 ~ 10 sec.
- Material: AL housing, red, with 4"(φ20mm) cable
- Temperature: -40°C to 85°C
- Humidity: 0% to 98%, non-condensing
- Protection: Explosion proof (EX), IP66

### Available size

Operating voltage	Alarm current	Spectrum range (um)	Detection range (90° cone of vision)	Dimension Dia x H (mm)	Ref. No.
24 VDC	35 ± 5 mA	Triple IR, 1.1 ~ 1.7, 2.1 ~ 2.7, 3.2	Max 40 m	60 x 170	AE7601 (ISO)

## Ultraviolet flame detector (UV detector)

Ultraviolet flame detector (UV detector) utilizes solar-blind UV sensor to capture specific ultraviolet radiation emitted during flame initiation, so to identify fire for millisecond-level.



- Certificate: ISO
- Standard: EN 54-10, GB 15631
- Feature: Fire response time 0.5 ~ 10 sec.
- Material: AL housing, red, with 4"(φ20mm) cable
- Temperature: -40°C to 85°C
- Humidity: 0% to 98%, non-condensing
- Protection: Explosion proof (EX), IP66

### Available size

Operating voltage	Alarm current	Spectrum range (nm)	Detection range (120° cone of vision)	Dimension Dia x H (mm)	Ref. No.
24 VDC	32 ± 5 mA	190 ~ 260	Max 40 m	60 x 167	AE7701 (ISO)