

Wired Photoelectric Smoke & Heat Detector



Features

- Newly-developed photoelectric Smoke & Heat sensor unit inside
- Independently or as a front-end detector of an alarm system
- Wired transmitting digital signal to control panel
- Intelligent logic control, eliminate false alarm
- Microcontroller temperature analysis and Automatic temperature compensation for best summertime detection
- Tightly-mated bug guard to protect the sensor optics from insects, spiders and dust, Worm, it is dustproof, mothproof and anti-white light
- Strong adaptability to circumstance requirements;
- SMT adopted, RF and EMI Immunity;
- Manual test, auto-reset, and low power consumption
- Thin structure design
- Alarm output contacts of relay: N.C./ N.O. optional

The Wired Smoke Detector is an INPUT DEVICE used for fire detection which is triggered by smoke and heat. The SM-04 is photoelectric type. It can use independently or as a front-end detector of an alarm system. Upon detection of smoke and heat, the SM-04 automatically generates an alarm signal to control panel and Led indication alarm. The unit is RF and EMI Immunity to interferences produced by radio device.

Specification

Model	SM-04
Operating Voltage	DC9V-35V
Standby Current	NC ≤ 12mA ; NO ≤ 22mA
Alarm Current	NC ≤ 3mA ; NO ≤ 15mA
RF Immunity	> 20 V/m 10 – 1000 MHz
Sensitivity	class I, 3%/m
White Light Immunity	> 8000 lux
Noise(Vp-p)	<200mV, (mVp-p)(25°C)
Alarm Temperature	57°C (135F)
Alarm Output	NC or NO, Led indication
Alarm Volume	80 square meters (with the installation height of 6m-12m), and 60 square meters (installation height of less than 6m)
Temperature Range	-10°C to +50°C
Relative Humidity	Less than 95% (25°C)
Installation Mode	Ceiling Mounted
Housing	High-impact ABS
Dimensions	100mm x 46mm (Dia.xH)
Applications	For indoor use

