

Wired Photoelectric Smoke Detector



Features

- Newly-developed Infrared photoelectric smoke 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. The S-PB is photoelectric type. It can use independently or as a front-end detector of an alarm system. Upon detection of smoke, the SM-02 automatically generates an alarm signal to control panel and sound & flash alarm. The unit is RF and EMI Immunity to interferences produced by radio device.

Specification

Model	S-SN02
Operating Voltage	DC9V-16V
Standby Current	less than 3mA
Alarm Current	less than 25mA
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 Output	NC or NO, sound & flash alarm,85dB@1m
Alarm Volume	80 square meters (with the installation height of 6m-12m), and 60 square meters (with the 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 43mm (Dia.xH)
Applications	For indoor use

