

Product Introduction

This product named Photoelectric detector (hereinafter called detector) detects the smoke by a couple of infrared diodes.

The principle of detecting is granule in the smoke can reflect infrared light.

Infrared diodes are placed in the special chamber.

The chamber can shield external light, but don't affect the smoke into it.

While have no smoke, the diode can receive very weak infrared light.

When the smoke entering the detector, the diode can receive strong infrared light.

Through Light-Electric signal transform, the detector can send alarm signal.

CATEGORY	PARAMETER
Operating Voltage	DC 9V Battery
Standby Current	$\leq 10 \mu\text{A}$
Alarm Current	$\leq 45 \text{ mA}$ (wired type) $\leq 75 \text{ mA}$ (wireless type)
Sensitivity	0.1-0.3 dB/m
Alarm Indication	Red LED flashing
Alarm Sound Level	$\geq 85 \text{ dB @ 3 m}$
Alarm Type	Flash & sound alarm
Sensitivity	0.08~0.16 dB/m
Temperature Range	0 C~ +50 C
Environment Humidity	$\leq 95\% \text{RH}$ (no condensation)
Size	142*40.5mm