Tuya WiFi Smoke Detector Sensor

Tuya-SD01

what is Smoke Detector Sensor?

A smoke sensor is a device fitted to smoke alarms.

A smoke alarm is designed to detect the presence of smoke in a home to alert the occupants that a fire has broken out.

Detecting the smoke from a fire and sounding the alarm enables the occupants to get out and alert the fire service quickly.

What does smoke detector detect?

Both smoke alarms will detect the smoke from either a smoldering fire or a flaming fire.

It has been established and well known for many years that: Ionization smoke alarms tend to respond faster to the smoke produced by flaming fires than photoelectric smoke alarms.

Specifications

Standby current:	11uA
Alarm current:	120mA-130mA
Battery life:	5 years standby time
Operating temperature:	-10℃~50℃
Working humidity:	less than 95%
Storage temperature:	0°C~60°C (32°F~140°F)
Product size:	51mm*55mm
Product net weight:	60g
Product gross weight:	80g

Alarm sound:	>85dB
Power supply:	CR2A DC 3v Battery
Sensor type:	Infrared Photoelectric Sensor
Static current:	<11uA
Mounting method:	Ceiling
Alarm current:	<30mA
Battery standby lifetime:	3 Years
Working temperature:	-10℃ ~ +50°℃
Detecting area:	20m^2
Alarm type:	Strobe,Siren and APP
Working Humidity:	s95%RH. no freezing

Dimensions(mm)

51mm

55mm