Ultraviolet Flame Detector

*According to our research in October, 2016





Sensor network type



Linked with a network camera



Solar type for outdoor use

120 degrees

left and right



High heat-resisting, anti-shock, completely waterproof



Flameproof

Realises all kinds of purposes!

Extraordinary high detection performance

- Detects early stage of fire
 - Prompt flame detection performance (fastest is only within 0.5 seconds)
- Discovers wilful fire raising at an early stage

Detects flames before smoke or heat generates

SKH-047

Detects outdoor fire

No malfunction caused by sunlight occurs, waterproof model

Prevents occurrence of smoking

Deals with various purposes with different settings of detection time

Monitor of going out of a flame

Possible for monitoring locations where need flames not to die away, such as boiler rooms, etc.

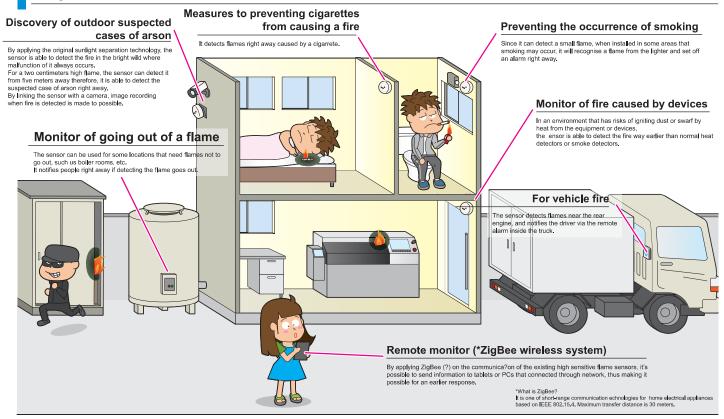




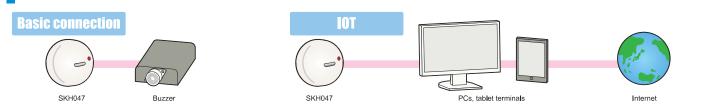
5m



Purpose of use



Examples of system expansion



Specification

Product name	Flame detection sensor	High-performance flame detection sensor
Model	SHK047	SHK086
Detection method	Ultraviolet rays detection (wave length 185 ~ 260nm)	
Detection angle	120 degrees top and bottom, left and right	90 degrees left and right,30 degrees top and bottom (Possible to make adjustments by changing the sensor)
Detection distance	A two centimeters high flame can be detected from five meters away.	
Detection timer	0.5 seconds, 1~31 seconds (by the second)	0.5, 4, 8, 12 seconds (four stages)
Power voltage	DV7V ~ 24V	DC 12V ~ 24V (built-in reverse connection)
Output	1C relay contact (AC 125V 0.5A DC 24V 1A) or an open collector (200mA)	1C relay contact (AC 125V 0.5A DC 24V 1A) or an open collector (200mA)
Current consumption	20mA	
Indicator light	Illuminates during operation (linked with output)	No indicator light Operation display using the exclusive receiving machine (purchase separately)
Wiring	Four wires (two for power supply, two for output)	Six wires (two for power supply, two for output, two for settings of detection timer)
Installation location	Indoors or outdoors	Indoors, outdoors, engine rooms, etc.
Temperature range	-10℃ ~ +60℃ (no condensa on, no freezing)	-10℃ ~ +100℃
Enclosure material	ABS resin (white)	Stainless (SUS 304, partially contains plastic)
External dimensions	Φ68×25mm(sensor)	53×84×26mm(not includes projections)
Waterproof, dustproof	IP64	Completely waterproof

Please inquire for the details at the following

Responsible for

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