



## *iQ458 series* **Conventional Smoke detectors**



Fireguard IQ series detectors are UL listed compatible with most of the panels.

Fireguard IQ series conventional smoke detectors are engineered to the best quality and durability in accordance with UL standards. They work with all conventional fire control panels and SECURITY panels. Series detector also comes as a multisensor smoke and heat detector. Your perfect choices of reliable smoke detectors that completely meet the strictest testing in UL lab.



### **Product Features**

- 2 or 4 wire model with universal voltage input (9-33V)
- Dual LEDs for 360° total visibility
- Advanced detection and discrimination algorithms
- Easy installation and maintenance
- Sleek low-profile design
- Durable sensor. No need for replacement
- SMD circuit board design
- N/C - N/O selectable relay output
- Five-year limited warranty
- Regular 100 mm base or large 125 mm base





Model	2 wire	4 wire	Smoke Alarm	Heat Alarm	Remote LED	12VDC	24VDC	UL Approval	Relay Output
iQ458S-2	■		■			■	■	■	
iQ458S-2M	■		■			■	■	■	
iQ458S-4		■	■			■	■	■	■
iQ458-4M		■	■			■	■	■	■
iQ458S-2L	■		■		■	■	■	■	
iQ458S-2LM	■		■		■	■	■	■	
iQ458H-2	■			■		■	■	■	
iQ458H-2M	■			■		■	■	■	
iQ458H-4		■		■		■	■	■	■
iQ458H-4M		■		■		■	■	■	■
iQ458H-2L	■			■	■	■	■	■	
iQ458H-2LM	■			■	■	■	■	■	
iQ458SH-2	■		■	■		■	■	■	
iQ458SH-2M	■		■	■		■	■	■	
iQ458SH-4		■	■	■		■	■	■	■
iQ458SH-4M		■	■	■		■	■	■	■
iQ458SH-2L	■		■	■	■	■	■	■	
iQ458SH-2LM	■		■	■	■	■	■	■	

## Specifications:

Voltage: 9-33v

Standby current: 50µA

Alarm Current: 80mA for 2 Wire, 40mA for 4 Wire, 90mA for 2L & 2LM Models

Surge Current: 170µA

Start up time: 60 Sec

Reset Time: <3 Sec

Reset voltage: <1v

Sample Cycle: 5 Sec

Remote Output: 15mA maximum diode gate

Alarm indicator: Continuously emitting red LED light

Humidity range: 0% to 95% relative humidity, non condensing

Alarm contact: (for 4-wire) N/O or N/C operation, Form A, 1.0 A @ 30 VDC/0.5A @ 125VAC

Height: 46mm, Diameter: 100mm, Weight: 130g with base