AHS IR-800 Infrared Touchless Sensor
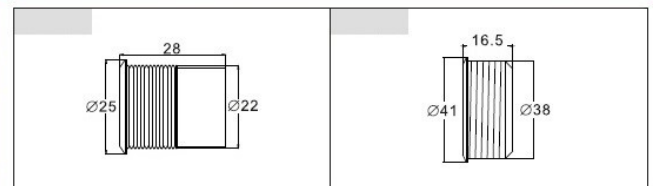

CE RoHS Compliant

Special features

- Diameter of 22 mm or 38mm to accommodate and mount in different panels.
- Specially designed to prevent any interference from other infra-red.
- Infrared proximity has a total lifespan of 100,000 hours.
- Standalone use. Optional panel available to select.

- Activate without pressing to prevent any disease contagion. It is suitable for access control system that widely used in public areas such as hospitals or restaurants. It is also can be used as auto-control detection.
- Built-in microcontroller with power on self testing function. Adjustable proximity distance and door open delay time.
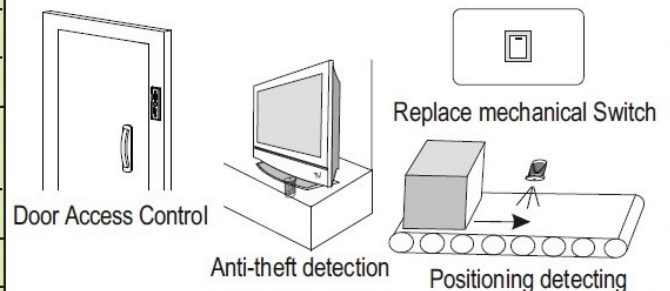
Specification

	IR-800 Architrave	IR-800 Full Plate
Dimensions	ø22 mm	ø38 mm
Maximum current (DC24V)	35mA	45mA
Weight	24.5g	50g
Case	Polycarbonate fireproof + Stainless Steel	
Power input	DC 12~24V ±10%	
Contact load	0.5A@AC120V / 1A@DC24V	
Range	4~15cm (±25%)	
Output State	Trigger state (0.5~20sec) or toggle mode output N.C. & N.O. Output	
Output delay time	0.5~20 Seconds, set 20 sec as toggle mode	
Water resistant IP	IP65	
Life Time	Relay mechanical lifespan:1000,000	
	Infrared sensor:100,000 hours	
State Indicator	Red and Green Double-colored LED light	
Operation temperature	-10℃ ~ 70 ℃	

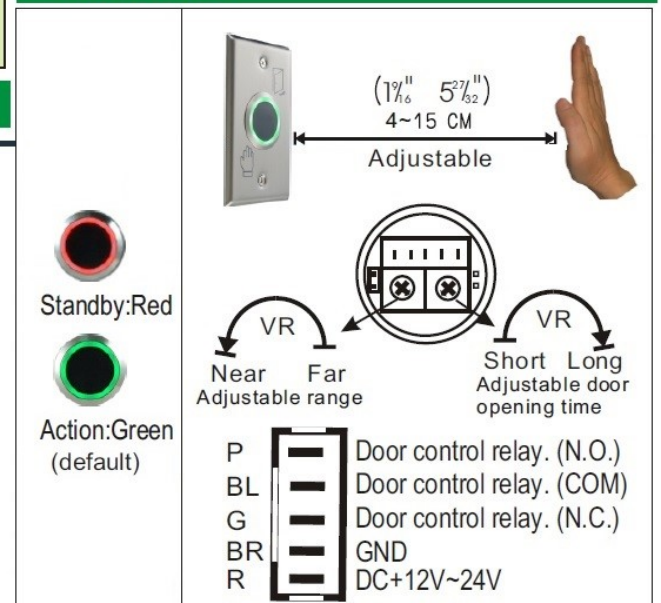## Series Model

Mounting Plate Dimensions

- IR-800 Ach : ø22mm #304 Stainless Steel case
- IR-800 Full : ø38mm #304 Stainless Steel case

IR-800 Architrave	IR-800 Full Plate
Dimensions: 115×39×4.5mm	Dimensions: 115×70×4.5mm

Sensor Dimensions

Unit: mm

Application

Door Access Control

Anti-theft detection

Positioning detecting

Replace mechanical Switch

Instruction

(1⁹⁄₁₆" 5²⁷⁄₃₂")
4~15 CM
Adjustable

Standby:Red

Action:Green (default)

VR
Near Far
Adjustable range

VR
Short Long
Adjustable door opening time

P	Door control relay. (N.O.)
BL	Door control relay. (COM)
G	Door control relay. (N.C.)
BR	GND
R	DC+12V~24V