



※Please make sure no object(Include protection stickers) is blocking the infrared sensing panel before use.

## I. Features :

- Diameter of 19mm ,22 mm or 38mm to accommodate and mount in different panels.
- 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.
- Specially designed to prevent any interference from other infra-red.
- Double color status light, adjustable proximity range.
- Door opening time is able to set trigger state (0.5~30sec) or toggle mode output
- Operating temperature : -10°C ~ +70°C.
- Sealing protection IP65.
- Infrared proximity has a total lifespan of 100,000 hours. Relay has a total lifespan of 1,000,000 times.

## II. Specification:

	SI-10	SI-12	SI-15	SI-18	Note
Power input	DC12V~DC24V				±10%
Range	4~15CM(±25%)				Note1
Output Loading	1A@DC30V(Max.)				
Output State	Trigger state (0.5~30sec) or toggle mode output				
Life Time	Infrared sensor:100,000 hours / Relay mechanical lifespan:1000,000				
Indicator	Standby : RED Proximity : GREEN	Standby : RED Proximity : GREEN	Standby : RED ; Proximity : GREEN Color of indicator light is adjustable		
Case	Polycarbonate fireproof	Stainless Steel	Stainless Steel		
Current Consumption	Maximum current 30mA	Maximum current 30mA	Maximum current 35mA	Maximum current 45mA	DC 24V
Dimensions	Ø19mm	Ø 19mm	Ø 22mm	Ø 38mm	
Weight	10g	21g	24.5g	50g	

\*Note1: Different materials have different reflective rate. The value of the chart is based on the test of 18% neutral gray card.