SOCA®

# SIU-18 Multi-Function Infrared Touchless Switch

CE   RoHS Compliant

- 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.
- Specially designed to prevent any interference from other infra-red.
- Built-in buzzer / tricolor ring LED light / orange indicator for user to control or connect to controller.
- Standalone use or accommodate with other panel.
- Waterproof stainless steel case.

Specification

Voltage Input	12VDC~24VDC ±10%
Current Consumption	MAX. 55mA ±5%
State Indicator	Outer rim :Blue / Green /Red Dynamic indicator :Orange
Buzzer	1 set (controllable)
Sensor Range	4~15 CM ±10% (Adjustment aviliable)
Contact Output	N.O. / N.C. /COM.
Output Delay	Continuous output until the object is removed
Case	#304 Stainless Steel & PC Material
Contact load	0.5A@AC120V / 1A@DC24V
Machine Life	1000,000 times
Infrared Life	100,000 hours
Water resistant IP	IP 65
Operation Temperature	0~75℃

Dimensions

16.5   2   Ø38   Ø41
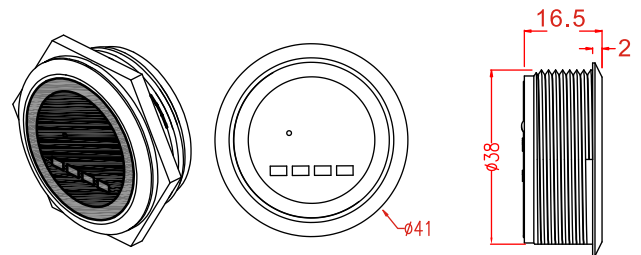
Model

Single switch	Package	
	SIU-68P Dimensions: 115×70×4.5mm	SIU-88P Dimensions: 86×86×4.5mm
SIU-18	SIU-68	SIU-88

Connector Function

Tricolor LED ring LED light
Buzzer
Orange LED light

Buzzer Adjustment
4 PIN
VR 1
6 PIN

JP1   VR1   6Pin

4 PIN

OG	Orange LED wire	GND
RD	Red LED wire	
GN	Green LED wire	
BU	Blue LED wire	

6PIN

RD	V＋(12VDC)
BK	GND
BN	COM
GN	N.O.
BU	N.C.
WT	Buzzer
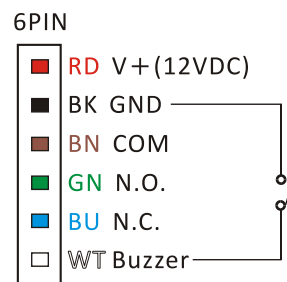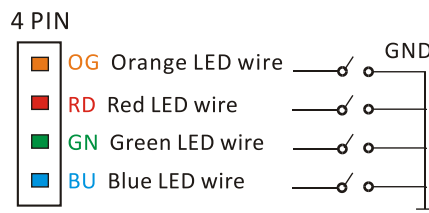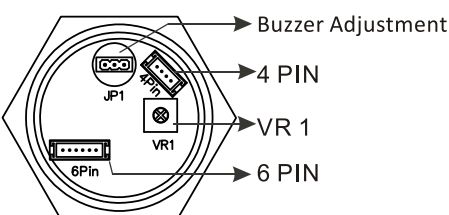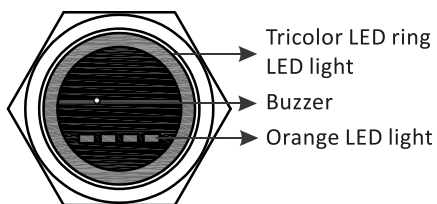
■ VR1 : Sensing Distance Adjustment

VRI
Near   Far
※Default : Far
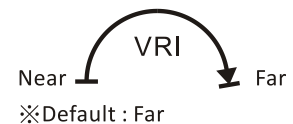
■ JP1 : Buzzer Adjustment Mode
(6PIN white wire to GND)

(Buzzer indirect sound)
(Buzzer continuous sound)
(Buzzer off)