

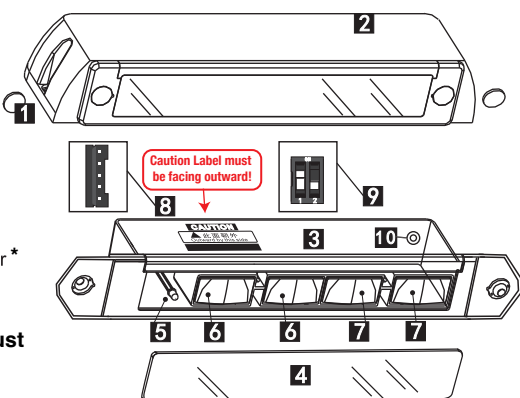


1 Security Guide

! This device must use protective safety isolation low voltage, and adjustment or maintenance must be done by professional installation contractor.

2 Product Overview

- 1 Decorative cap
- 2 Exposed cover
- 3 Master controller
- 4 Optical surface lens
- 5 LED indicator
- 6 Transmitter window
- 7 Receiver window
- 8 Wiring terminal
- 9 Function setting
- 10 Sensitivity Adjuster *

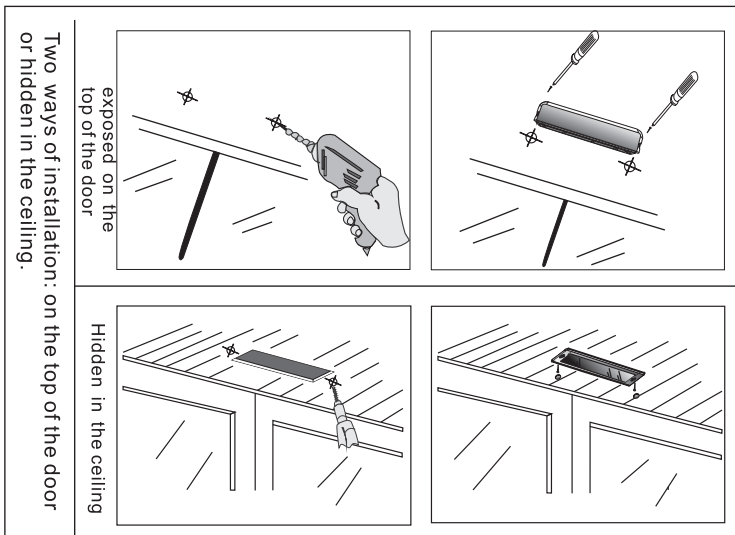


*Use 5mm flat head screw driver to adjust detection range.

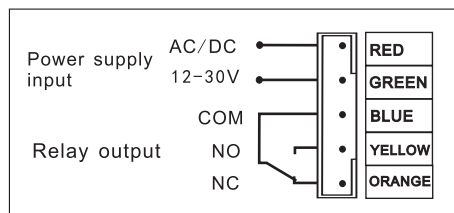
3 Overall Characteristics

- This curtain sensor are special designed for automatic sliding door to detection and keep safety. High accuracy.
- Advanced infrared scanning technology. Stable and reliable.
- Have function of background self-learn. Can learn background automatically when power on. Suit all kinds of occasions.
- Always self-correcting once be influenced by quake, distortion, move, dark and sunshine. Ensure the sensor can work durable.

4 Installation



5 Wiring Diagram of Input and Output



6 Function Setting

Working mode: High sensitivity or low sensitivity



- **High sensitivity: switch 1 up**
- Default setting is high sensitivity mode.



- **Low sensitivity: switch 1 down**
- If the reflectance of working environment is strong, it should set to low sensitivity to avoid self-induction or background mistaken.

Scanning Width: Width 78.74'/2000mm or 39.4'/1000mm



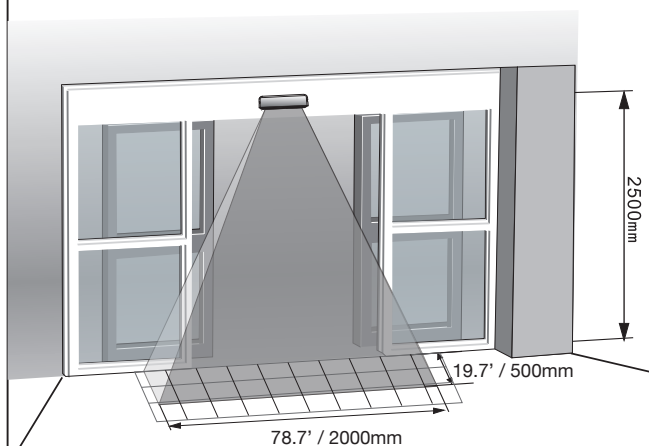
- **Scan Width 78.74'/2000mm: switch 2 up**
- If the scan width is wide range, it should set to 78.74'/2000mm.



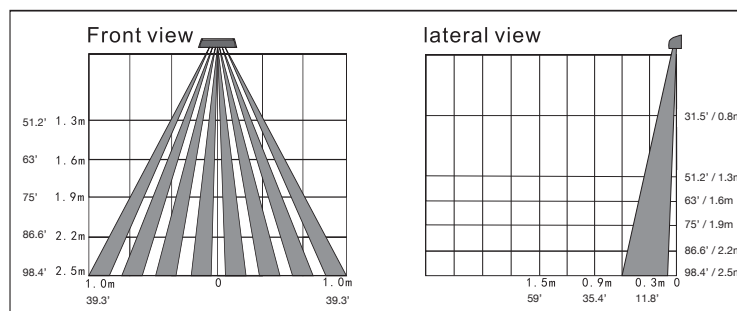
- **Scan Width 39.4'/1000mm: switch 2 down**
- If the scan width is narrow range, it should set to 1000mm.

7 Detection Area

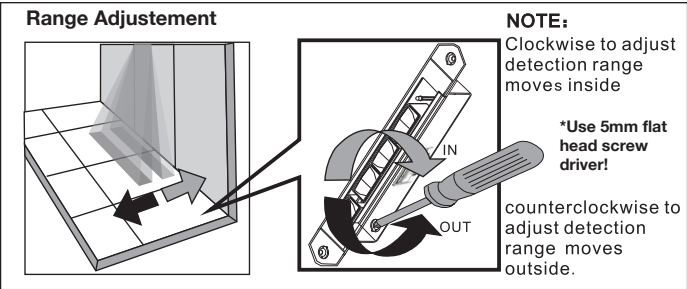
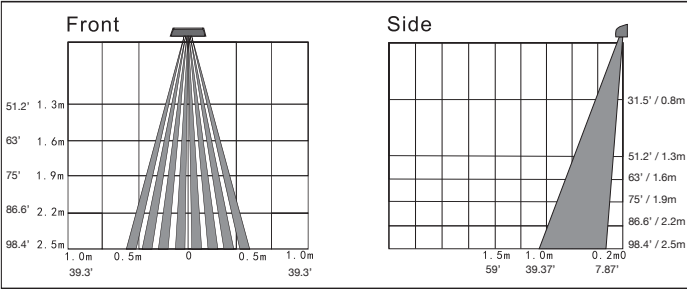
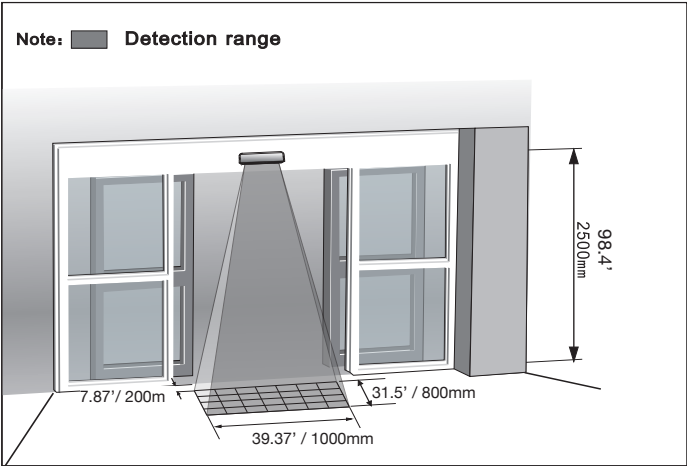
Note:  presence detection area



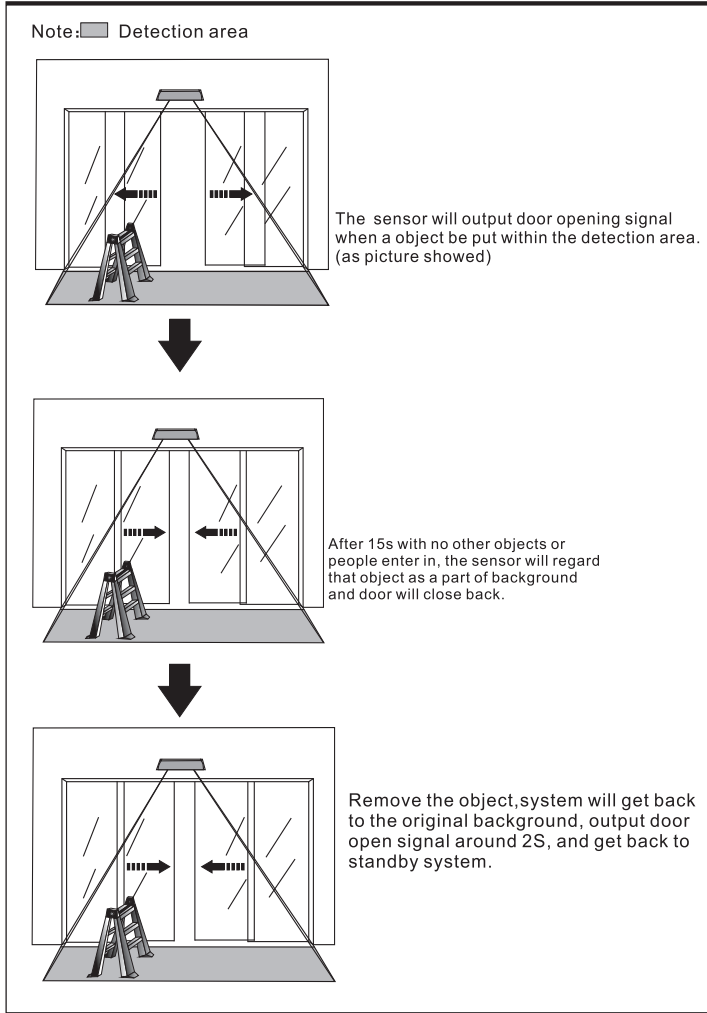
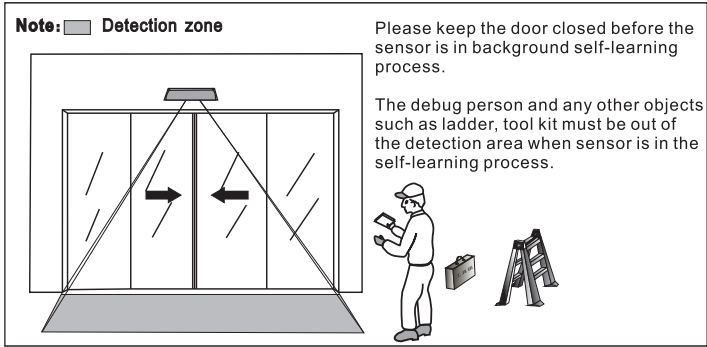
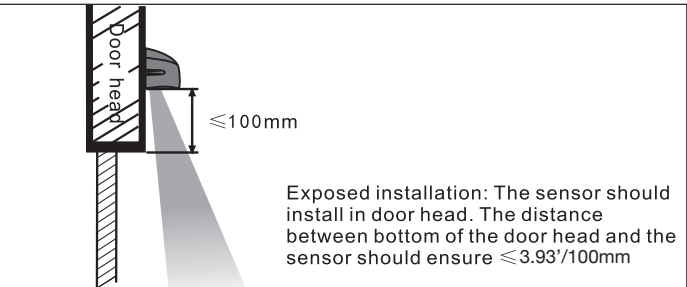
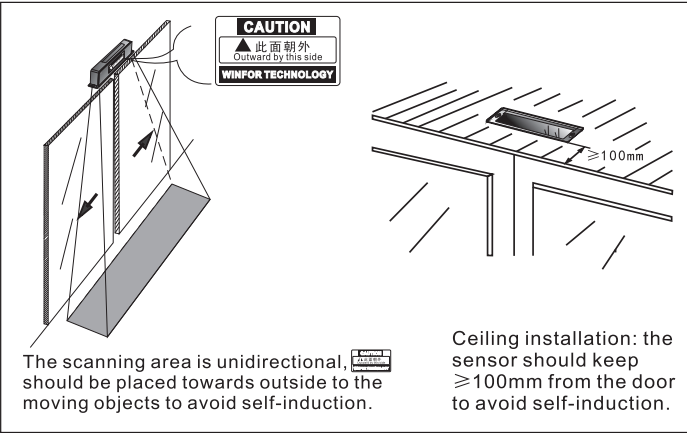
starting up: This Detector has function of background self-learning. After Getting power on, red light will be always on. Pls leave the detection area empty. After 6S, the background is learnt successfully.



B.For narrow scanning range,system function set to 1000mm



8 Attention



9 Technical Parameter

Power output	AC/DC 12~30V (-/+10%)
Type of ray	Infrared light modulation
Photosource	Infrared 940nm
Light beam	8 channel transmit, 8 channel receive
Quiescent current	35mA
Working current	73mA
Self-learn time	15s
Operating display	Standby: blue LED, Detecting: red LED
Temperature range	-104 °F - 140 °F / -40 °C - 60 °C
Maximum installation	2500mm / 98.42'
Maximum detection area	78.7' / 2000mm (W) x 19.68' / 500mm (D)
Hold-Up time	500ms
Response time	$\leq 100\text{ms}$
Changeover mode	High/Low sensitivity and FA/FB adjustable
Signal output	Relay, 1 pair contact point optional
IP	IP54
Mechanical behavior	Maximum
Connection	0.04 - 0.2 inch ² / 1-1.5 mm ² 5pin terminal
Shell	ABS
optical surface	PMMA
Installation	Exposed or Conceal
Weight	about 0.32 Pound / 145g
Dimension	Exposed 7.87'/200mm (L) x 1.9'/49mm (W) x 1.26'/32mm (H) Conceal 5.98'/152mm (L) x 0.98'/25mm (W) x 1.41'/36mm (H)