

Operation Instruction

S4A- 254 Infrared Motion & Presence Safety Sensor

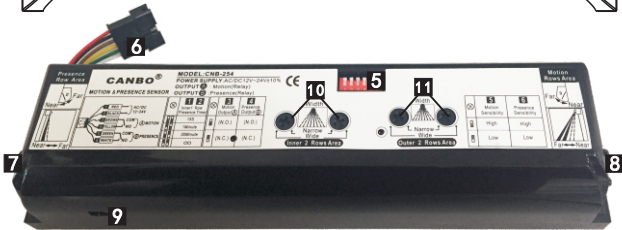
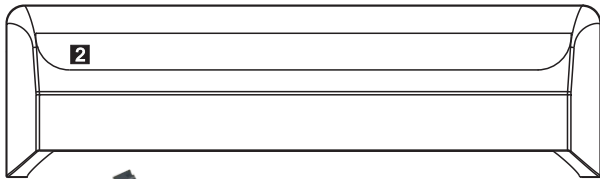
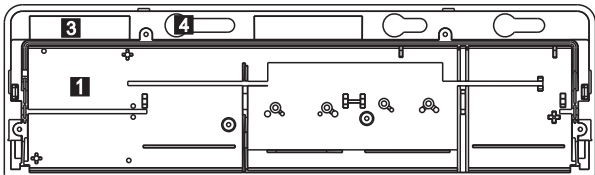
Make your choice.....



1 Safety Instruction

Thank you for your purchasing, please refer to the following details before using.

2 Product Overview

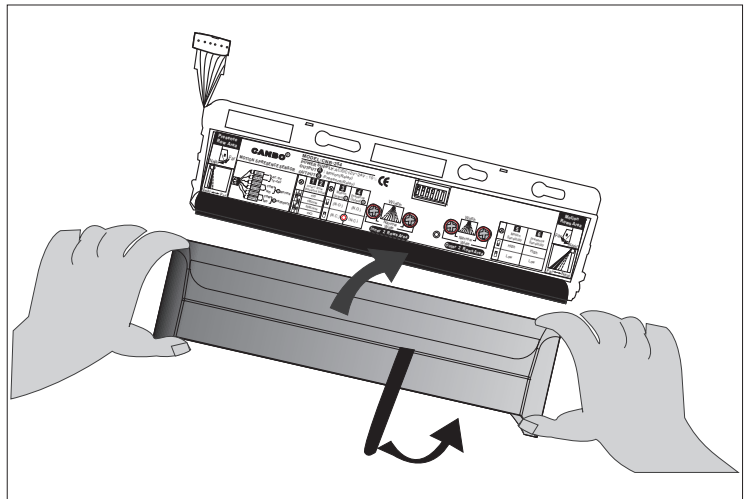
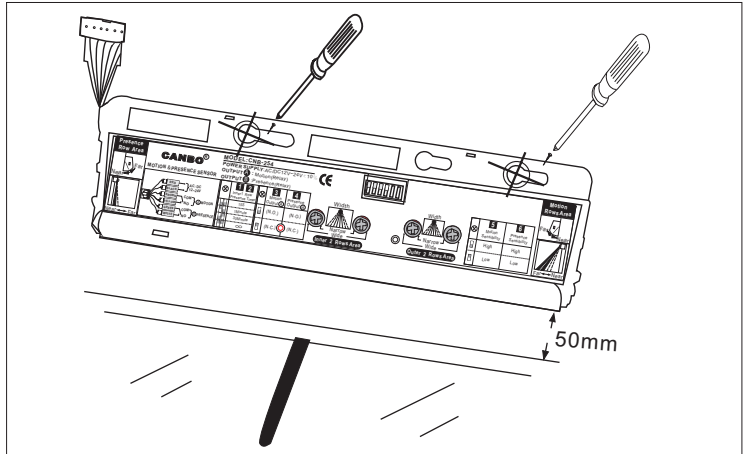
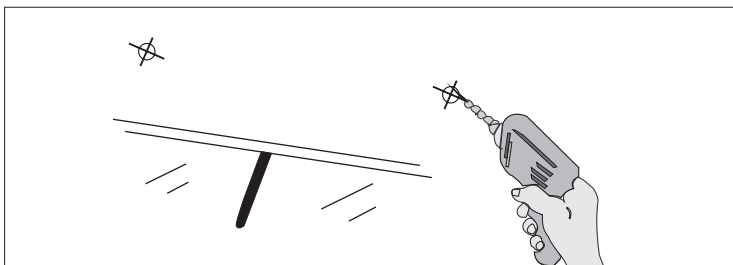


- 1** BOTTOM
- 2** TOP COVER
- 3** HOLE OF LINE
- 4** SCREW HOLE
- 5** DIP SWITCH
- 6** 6PIN LINE
- 7** DEEPTH ADJUST
- 8** DEEPTHADJUST
- 9** LED INDICATOR
- 10** WIDTH ADJUST (INNER 2 LINES)
- 11** WIDTH ADJUST (OUTTER 2 LINES)

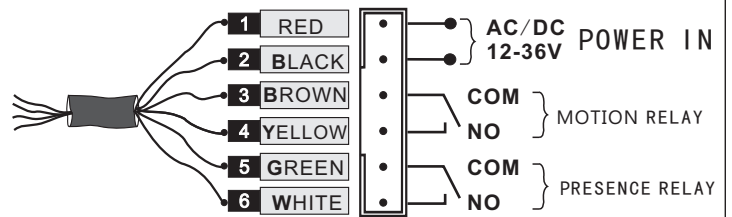
3 Characteristics

- Infrared motion&presence sensor is used for automatic sliding door, folding door and Curve door. Infrared technology is also for door activation and safety entrance.
- 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

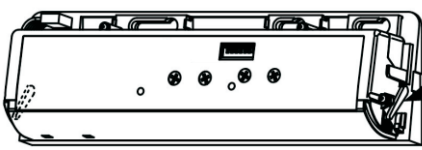
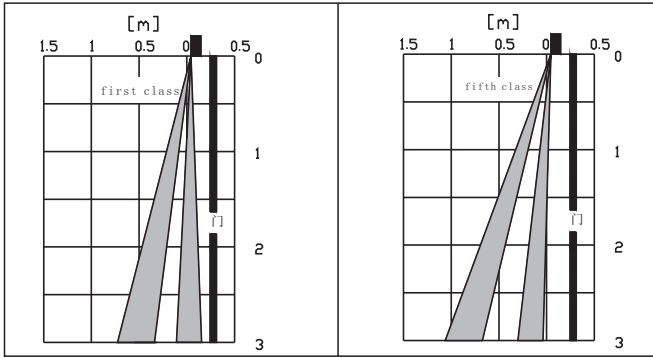
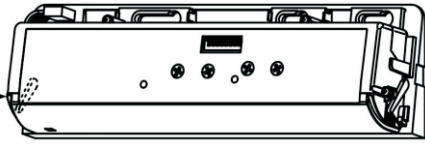


6 DIP SWITCH SETTING

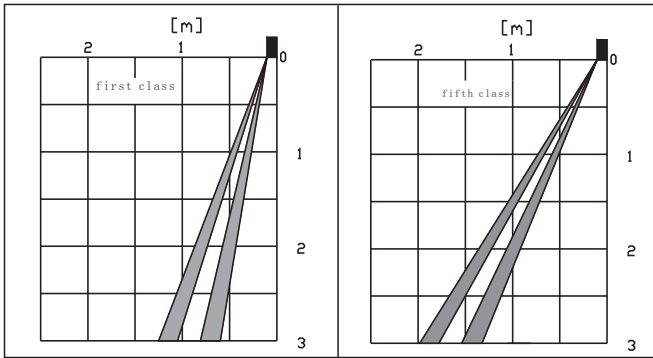
	TIME OF BACKGROUND UPDATED	15S	1M	30M	∞
	MOTION RELAY	NO	NC		
	PRESENCE RELAY	NO	NC		
	SENSIBILITY OF MOTION	High	Low		
	SENSIBILITY OF PRESENCE	High	Low		

7 Infrared Activation Sensing Field: Width & Depth:

depth adjust of the inner 2 lines



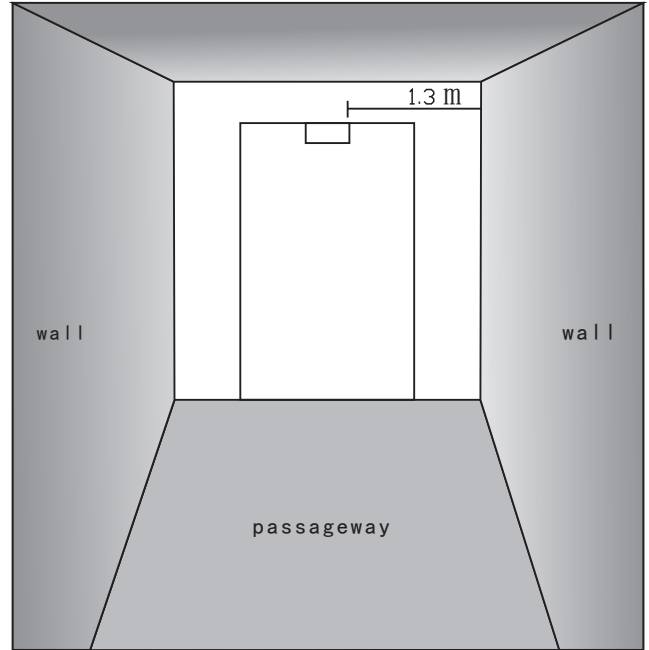
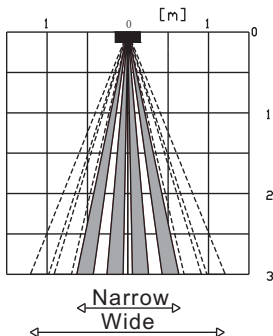
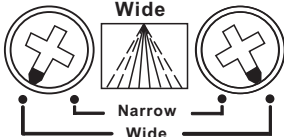
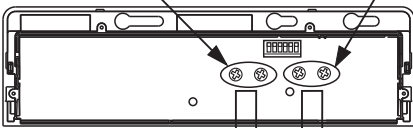
depth adjust of the outer 2 lines



Width adjust of the inner or outer 2 lines:

width adjust of the inner 2 lines

width adjust of the outer 2 lines



Notice: if the width of passageway is less than 1.3m, must adjust low width of the left and right.

8 Parameter

Power Input:	AC/DC 12~24V (-/+10%)
length of the line:	2.5m
Signal Output	Relay, 1 for motion, 1 for presence
Max Installation Height:	3000mm
Static Current:	30mA (DC12V)
Action Current:	110mA (DC12V)
Dimension:	229 (L) × 67 (W) × 41 (H) mm
Cover:	ABS
RAY TYPE	Reflect infrared
Ray Source :	Infrared940nm
QUANTITY OF RAY	1 line for presence, 4 emits, 16 spots 3 lines for motion, 12 emits, 48 spots
Self-learning time:	10s
Operation Indicate:	Standy by green LED, motion by yellow LED, presence by red LED
Temperature:	-40°C to 60°C
Detection Range:	1600 (W) × 800 (D) mm
Output time:	≤100ms