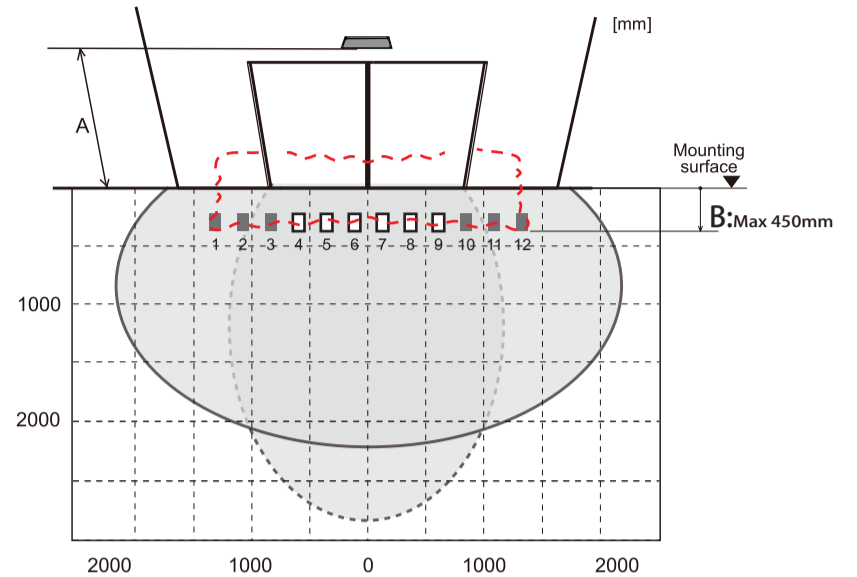


## Photograph



## Detection area



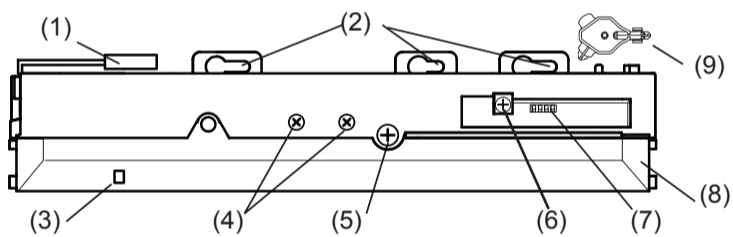
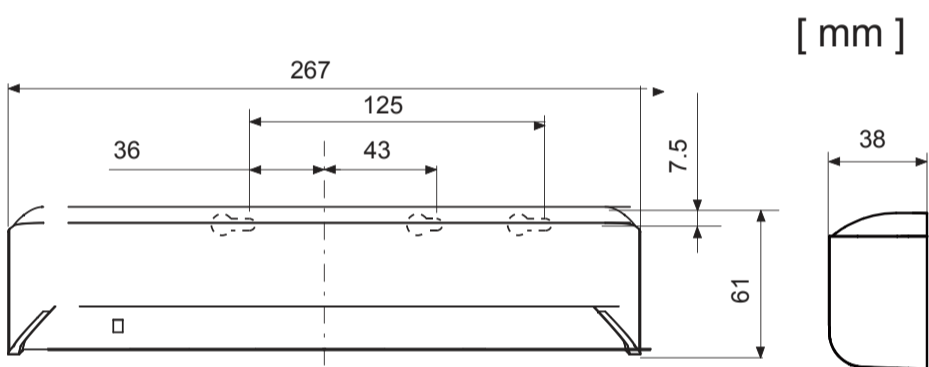
**AIR**  
 Mounting height : 2.2m  
 Angle adjustment : +6°  
 Sensitivity : L  
 □ : Emitting spots  
 ■ : Emitting spots (can be eliminated)  
 □ : Detection area

**Microwave**  
 Mounting height : 2.2m  
 Vertical adjustment : +35°  
 Sensitivity : H  
 Speed of detection object : 50mm / sec.  
 □ : Detection area (Wide area)  
 □ : Detection area (Narrow area)

## Manufacturer's statement

- This product should be installed by special installer or service engineer.
- Read this manual carefully before installing it.
- This product is for automatic sliding door. Please don't use for any other applications.
- When install the sensor, make sure that there is no traffic around the detection area.

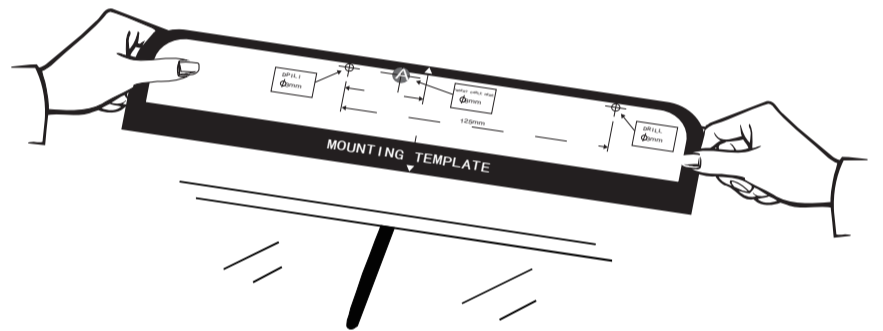
## Size and components' name



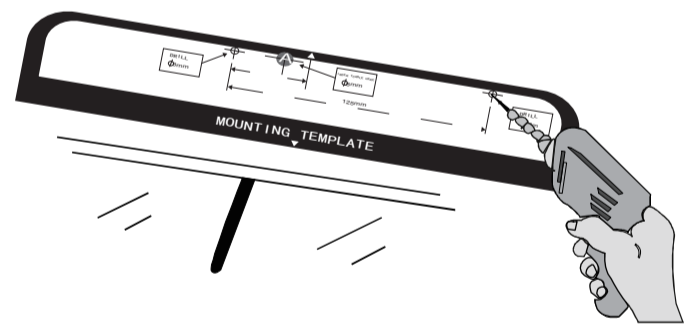
- |                                  |                                 |
|----------------------------------|---------------------------------|
| (1) Connector                    | (6) Microwave sensitivity screw |
| (2) Mounting holes               | (7) Dip switches                |
| (3) Operation indicator          | (8) Detection window            |
| (4) Width adjustment screw       | (9) Adjustment tool             |
| (5) Depth angle adjustment screw |                                 |

## Installing steps

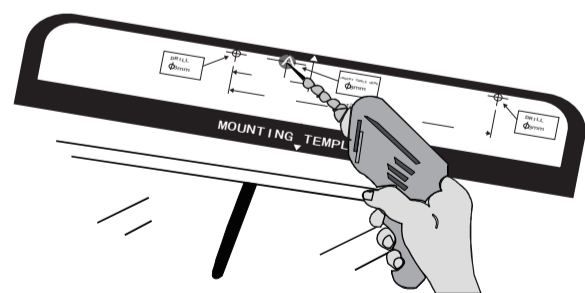
- Stick the mounting template on the right installing position.



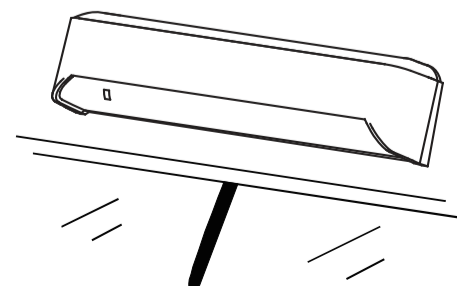
- Drill two 3mm size holes according to mounting template.



- Drill one 8mm hole for cable.



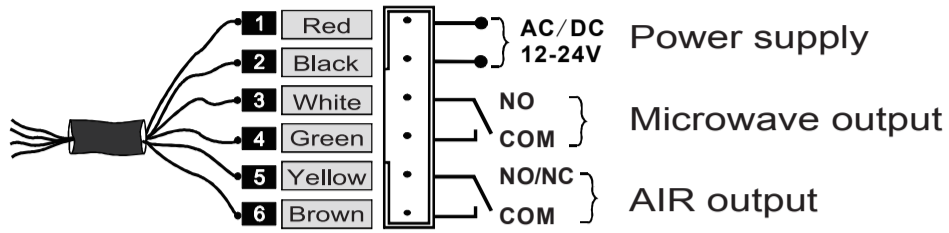
- Leave mounting template, and install sensor.



## Technical data

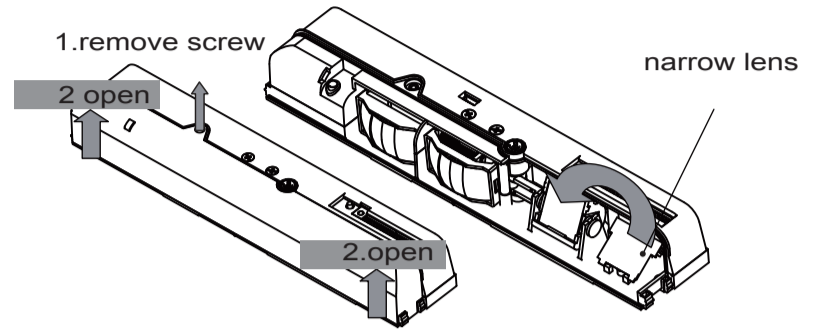
Cover color: black	<b>Infrared sensor:</b>
Mounting height: 2m-3.5m	Infrared type: 850mm
IP rate: IP54	Depth angle: -6° — +6°
Signal output: NO/NC	Output hold time: 1s
Quiescent current: 70mA (12V)	Response time: < 0.3s
Working current: 78mA (12V)	
Weight: 230g	<b>Microwave sensor:</b>
Operation temperature: -20°C — +55°C	Microwave type: 24.125GHz
Power supply: AC/DC 12-24V	Depth angle: 25° — 45°
Learning time: 15s	Output hold time: 1s

## Terminal details



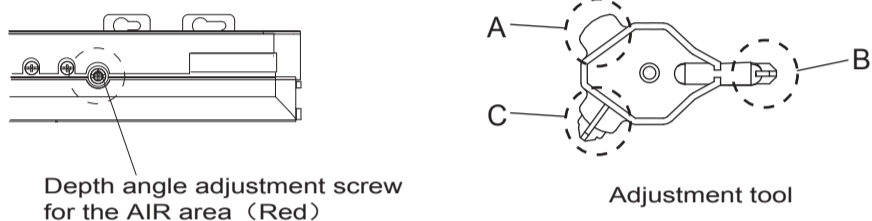
## 2.2 Microwave adjustment

To adjust the microwave detection area width, use the narrow lens as shown in the picture below.

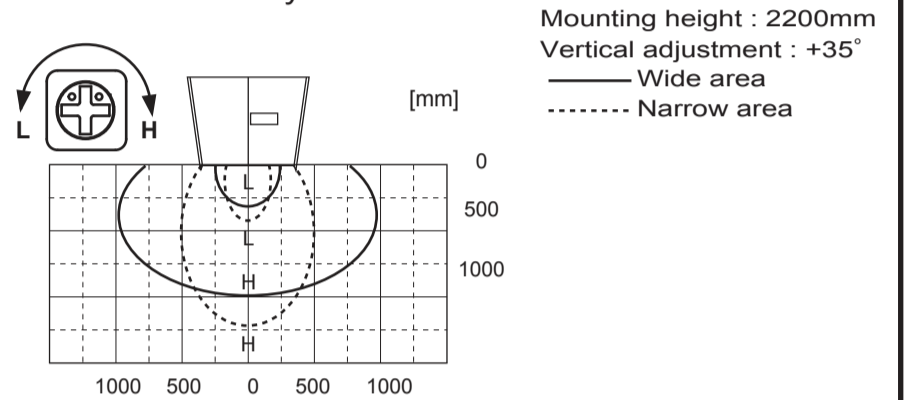


## Detection area adjustments

### 1.Area depth angle adjustment:

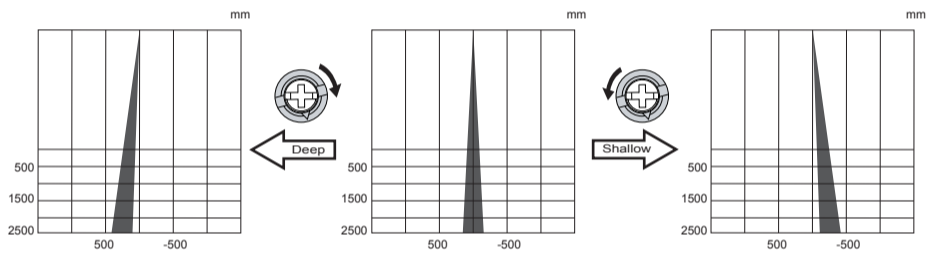


### 3.Microwave sensitivity

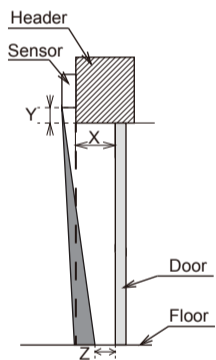


### 1.1 AIR adjustment

Use the area adjustment tool(A) as shown above to change the area depth angle.



### Lookback function



When some sliding door's size(X) is big, you can use lookback function.

- Note:
1. Z>0mm
  2. When X>100mm, make sure Y<100mm

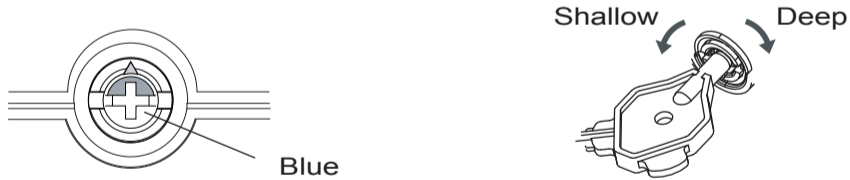
## Dipswitch settings

Dipswitch	Function	Setting	Details
1	Presence timer	<input type="checkbox"/> <input type="checkbox"/>	After presence time, door will close automatically
2		30S 60S 180S ∞	
3	Sensitivity	Low High	Low:mounting height 2-2.8m High: mounting height 2.8-3.5m
4	Air output	NO NC	Select NO/NC for AIR output

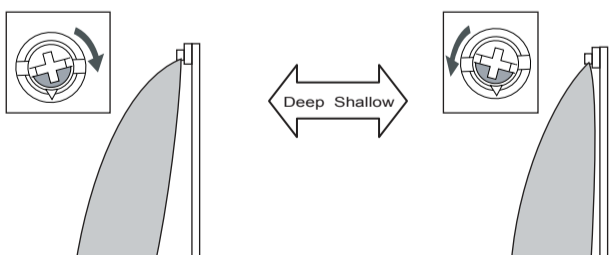
## Self-healing function

	Presence timer	Self-healing time	Details
1	<input type="checkbox"/> <input type="checkbox"/> 30S	30S	When the situation of infrared detecting area is changed, sensor will learn the new situation as new background according to presence timer.  If setting presence timer to ∞ self-healing function is closed
2	<input type="checkbox"/> <input type="checkbox"/> 60S	60S	
3	<input type="checkbox"/> <input type="checkbox"/> 180S	180S	
4	<input type="checkbox"/> <input type="checkbox"/> ∞	Closed	

### 1.2 Microwave adjustment



Use the adjustment tool(B) to change the area depth angle.

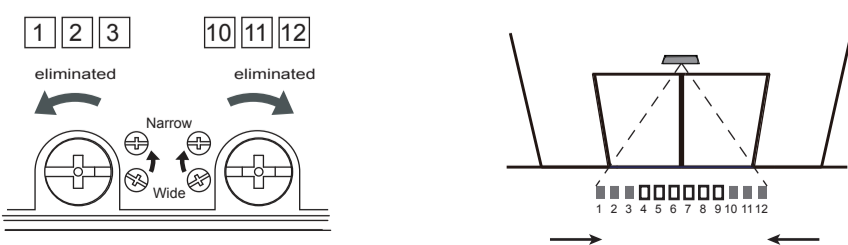


### 2.Area width adjustment:

#### 2.1 AIR adjustment

Use the adjustment tool(C) to change the area width angle,

1 2 3 and 10 11 12 can be eliminated.



## Operation indicator

Status	Indicator color	1sec.	1sec.
Learning	Blue blinking	[Pattern]	[Pattern]
Microwave detection	Yellow	[Pattern]	[Pattern]
AIR detection	Red	[Pattern]	[Pattern]
No detection	Green	[Pattern]	[Pattern]
Air and microwave detection	Red blinking	[Pattern]	[Pattern]
Learning not successful	Green blinking	[Pattern]	[Pattern]
Installation height is low	Yellow blinking	[Pattern]	[Pattern]
Sensor problem	Red blinking	[Pattern]	[Pattern]