

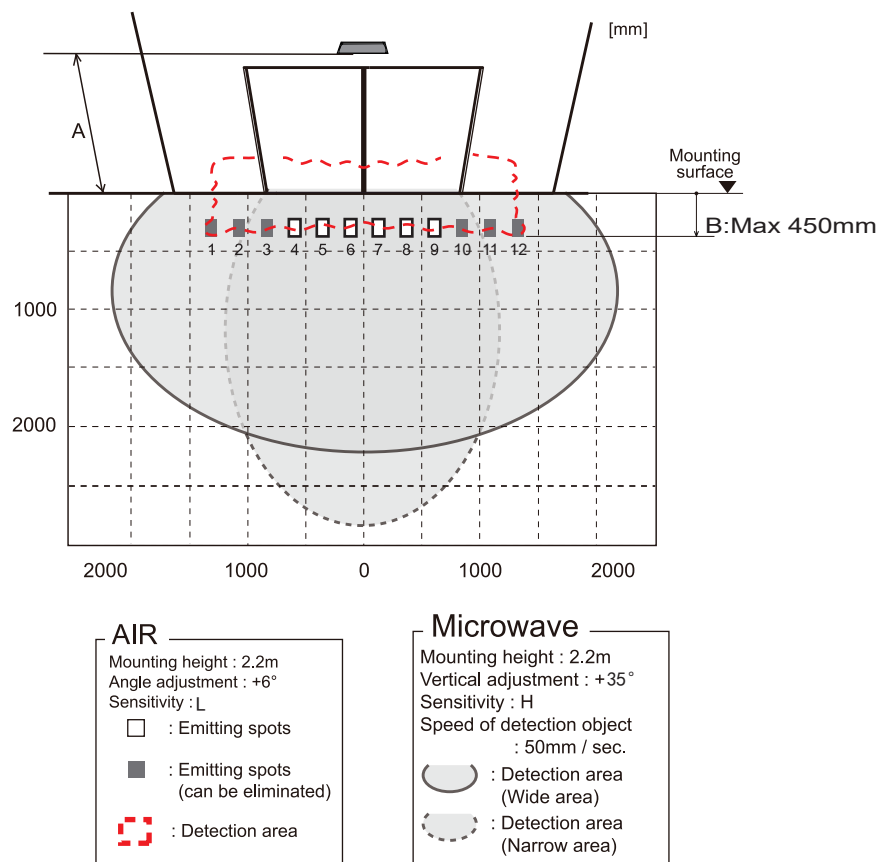
Photograph



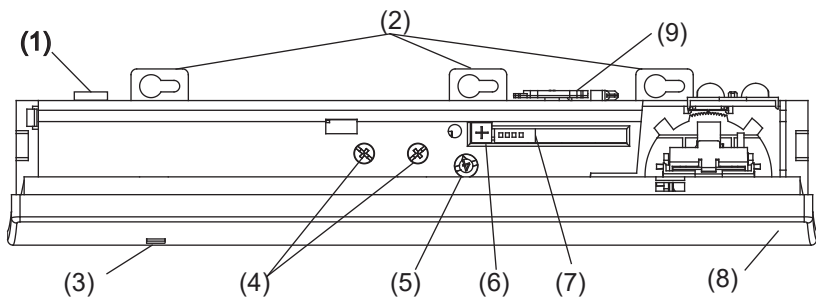
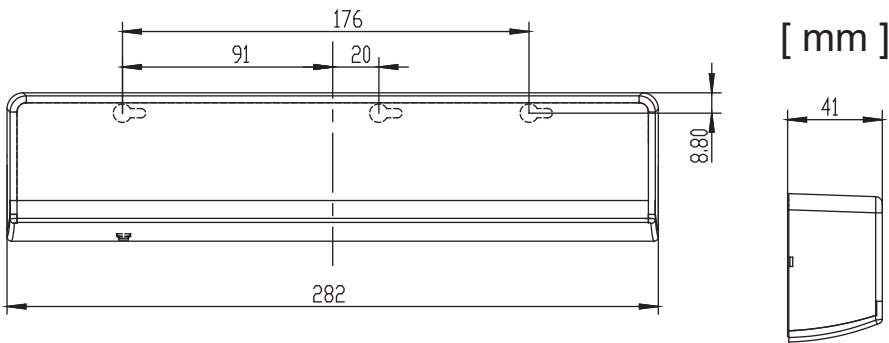
Manufacturer's statement

- 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.

Detection area



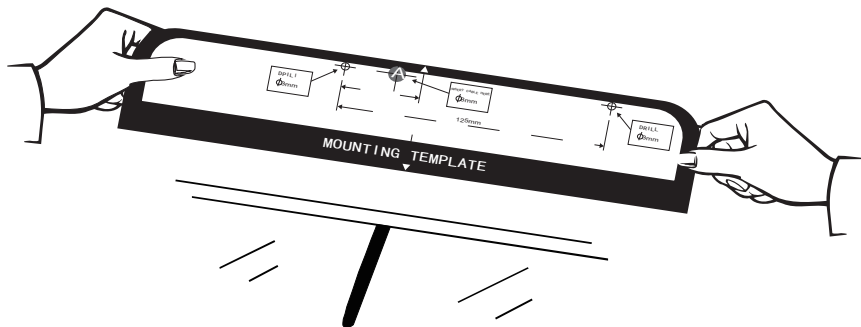
Size and components' name



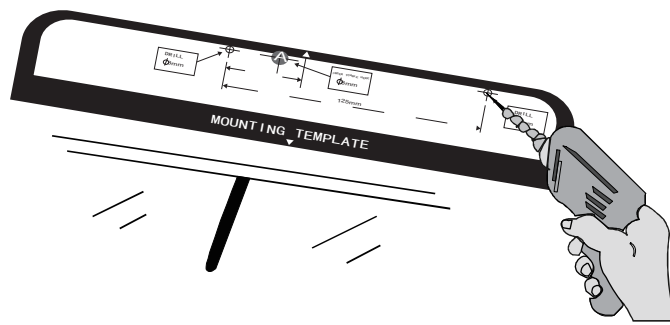
- | | |
|----------------------------------|---------------------------------|
| (1) Connector | (6) Microwave sensitivity screw |
| (2) Mounting holes | (7) Dip switches |
| (3) Operation indicator | (8) Detection window |
| (4) Width adjustment screw | (9) Adjustment tool |
| (5) Depth angle adjustment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

Installing steps

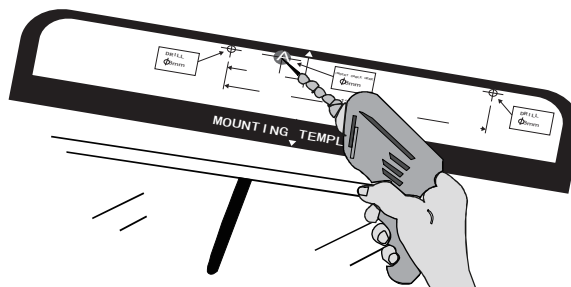
- Stick the mounting template on the right installing position.



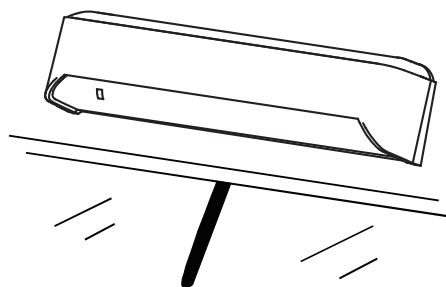
- Drill two 3mm size holes according to mounting template.



- Drill one 8mm hole for cable.



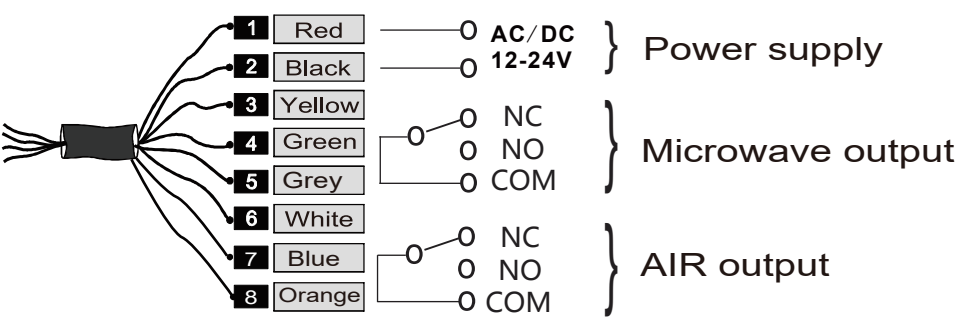
- Leave mounting template, and install sensor.



Technical data

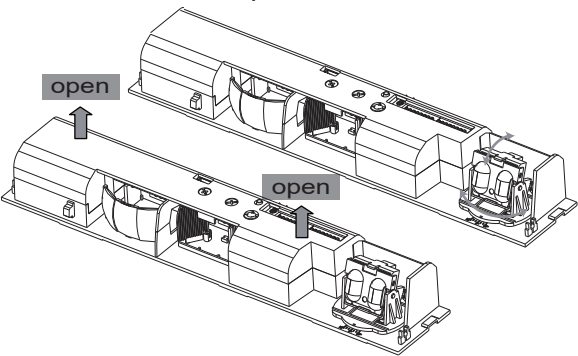
Cover color:black	Infrared sensor:
Mounting height: 2m-3.5m	Infrared type: 850mm
IP rate: IP54	Depth angle: -6° — +6°
Signal output: NO/NC	Output hold time: 1s
Quiescent current: 70mA (12V)	Response time: < 0.3s
Working current: 78mA (12V)	
Weight: 230g	Microwave sensor:
Operation temperature: -20°C — +55°C	Microwave type: 24.125GHz
Power supply: AC/DC 12-24V	Depth angle: 20° — 80°
Learning time: 15s	Output hold time: 1s

Terminal details



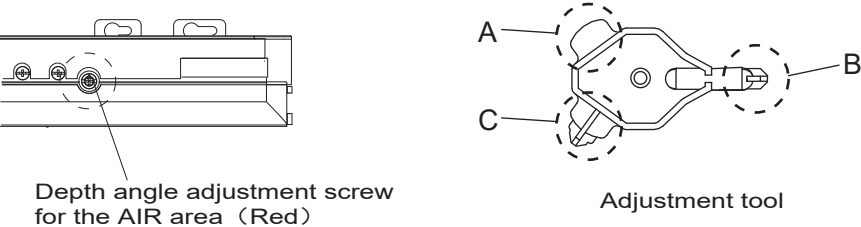
2.2 Microwave adjustment

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

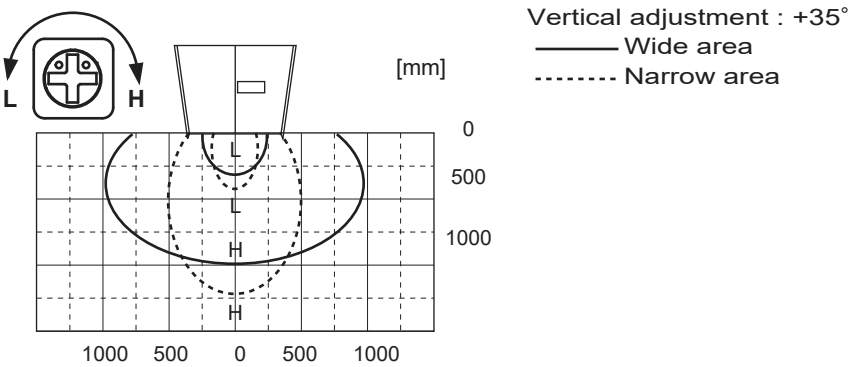


Detection area adjustments

1.Area depth angle adjustment:

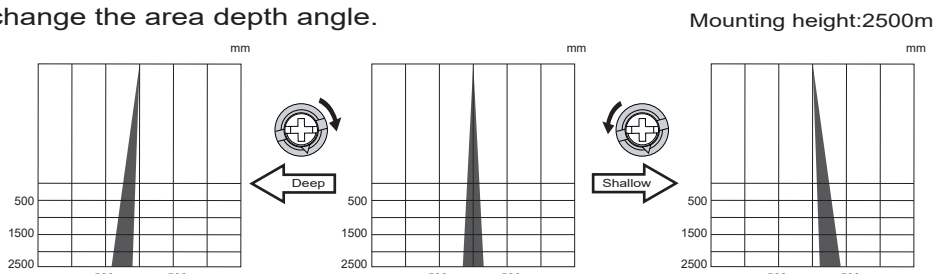


3.Microwave sensitivity

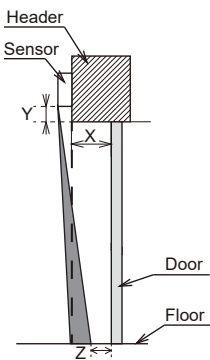


1.1 AIR adjustment

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

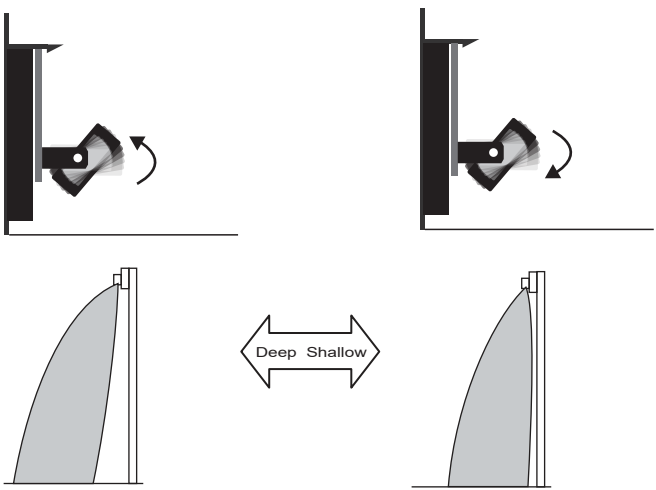
Dipswitch settings

Dipswitch	Function	Setting				Details
1	Sensitivity	Low	Middle	High	S-High	Set the sensitivity according to the mounting height Values below dipswitches are reference only.Adjust the sensitivity according to your risk assessment.
2		1 2 2.0 to 3.0m	1 2 2.0 to 3.0m	1 2 2.5 to 3.2m	1 2 3.0 to 3.5m	
3	Presence timer	30sec	60sec	180sec	600sec	To enable the presence detection,do not enter the detection area for 10 seconds after setting the timer.
4		3 4	3 4	3 4	3 4	
5	Infrared output	Presence	Active+Presence			Infrared sensor works as "Presence" or "Active+Presence"

Self-healing function

	Presence timer	Self-healing time	Details
1	3 4 30S	30S	When the situation of infrared detecting area is changed, sensor will learn the new situation as new background according to presence timer.
2	3 4 60S	60S	
3	3 4 180S	180S	
4	3 4 600S	600S	

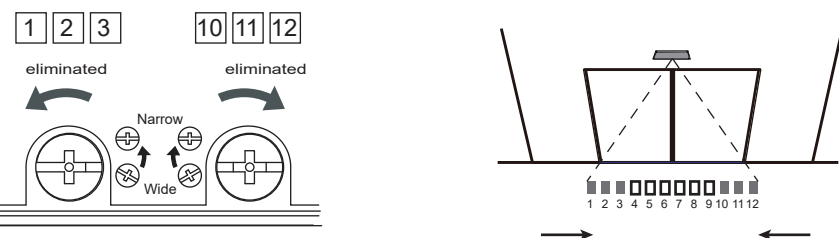
1.2 Microwave adjustment



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		
Microwave detection	Yellow		
AIR detection	Red		
No detection	Green		
Air and microwave detection	Red blinking		
Learning not successful	Green blinking		
Installation height is low	Yellow blinking		
Sensor problem	Red blinking		