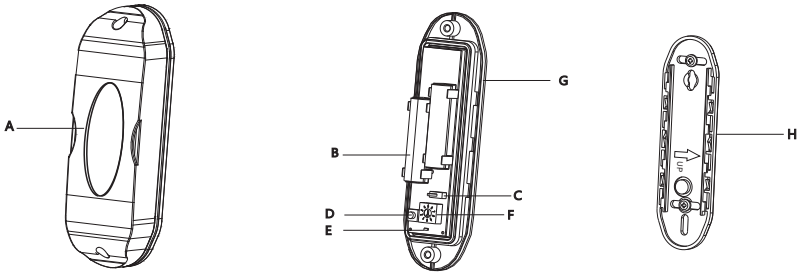
RS 005 Instruction

❶ Technical Data

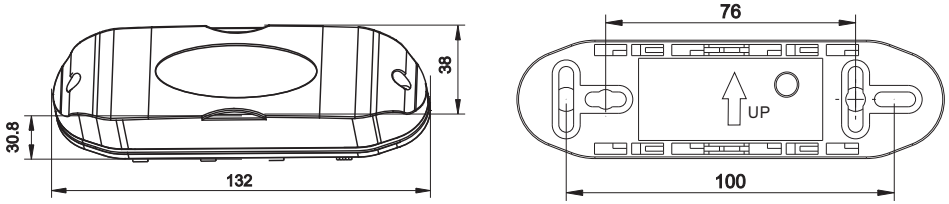
Power: two AAA batteries
Protection Index: IP55
Temperature: -20℃ to +60℃
Working Current: ≤ 8mA
Codes: Rolling Codes
Frequency: 433.92MHz

❷ Products Details



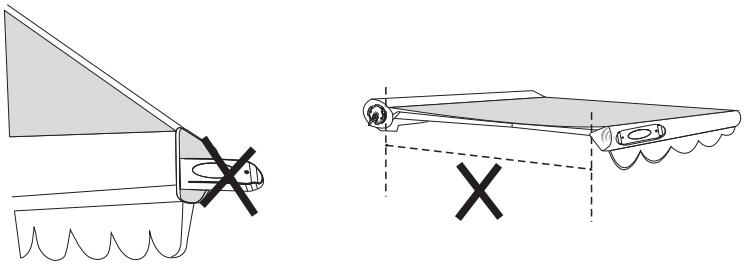
A.Upper cover
B.AAA Alkaline Batteries
C.Front/Back or Underside installation switch
D.Learning button
E.Indicator light
F.Potentiometer
G.Inner cover
H.Bottom cover

❸ Dimension



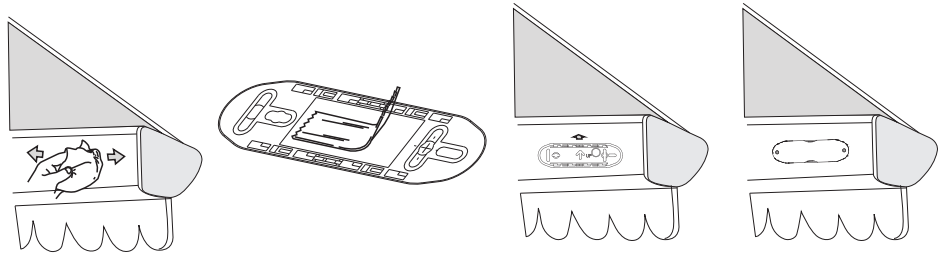
❹ Installation

Note: 1. Do check the position chosen does not prevent the awning from closing and no harm to RS005 motion sensor.
2. We advise you install the sensor in the backside or downside of the load bar to prevent rainfall. (The sensor is water proof but it is better to protect it).
3.We advise you to install the sensor near the end part of the load bar to increase its sensitivity.



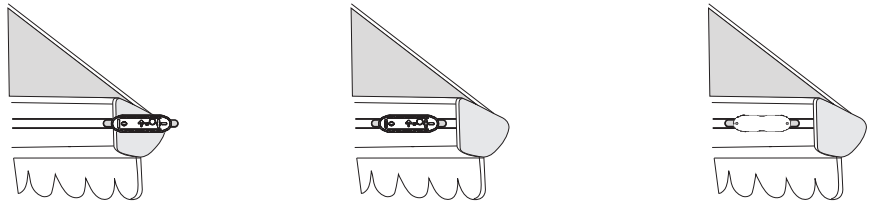
1) Fix with double-sided adhesive

Note: Other adhesive rather than supplied together with the motion sensor is forbidden.
Choose a flat surface on the load bar which is suitable for gluing. Ensure that this position dose not prevent the awning from closing and does not damage the motion sensor. Clean this position with a cloth. Paste one side of adhesive on the bottom cover. Fix the bottom cover onto the chosen position as the arrow shows.



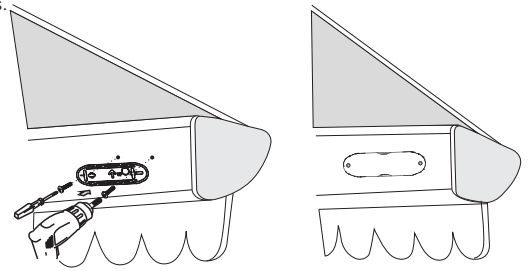
2) Fix with clips and screws

Fix the supplied clips and screws onto the bottom cover.
Note: If the awning load bar has no groove, please refer to the following Screw Installation. Slide the bottom cover into the groove and fix it at a suitable position as the arrow on the bottom cover shows. Check this position which dose not prevent the awning from closing and dose not damage the motion sensor.



3) Fix with screws (use 4-mm diameter screws)

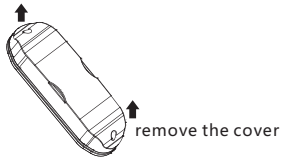
Choose a suitable position for the bottom cover. Check this position which dose not prevent the awning from closing and dose not damage the motion sensor.
Drill two holes in the load bar to match the holes in the bottom cover and to suit the supplied 4mm diameter screws. (see the detailed dimension in 3)
Keep the arrow engraved into the bottom cover Upwards.
Fix the bottom cover on the bar with the supplied screws.



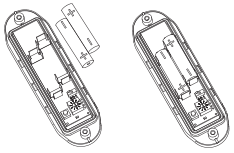
RS 005 Instruction

Caution: If installed in the backside of the load bar, switch to the Front/Back side by connecting 1 and 2 position (use the supplied connector).
If installed at downside of the load bar, switch to the Underside side by connecting 2 and 3 position (use the supplied connector) .

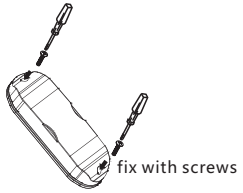
4) Inserting the batteries



a.Remove the inner cover using the supplied flat screwdriver.



b.Insert 2*AAA Alkaline batteries following the polarity indication.



c.The LED will flash to confirm the correct battery insert.

❺ Code learning

Remarks: Use a emitter which has already been programmed in the memory of the motor.

1) Press Up and Down button simultaneously once, press stop button 8 times, the motor will vibrate once.

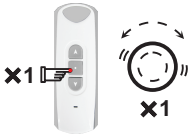
2) Short press the learning button on motion sensor once within 10s, the indicator light will be on and off once, the motor will vibrate once.

3) Then, the learning is successful, the motion sensor could control the motor.

❻ Activate the motion sensor

1)Long press the learning button on the back side for 5s, the motor will vibrate once.

2)Press Up button once.



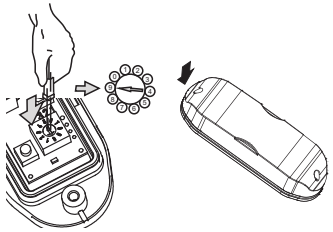
3)Press Stop button to exit, the motor will vibrate once. The motion sensor is activated successfully.

❼ Threshold adjustment

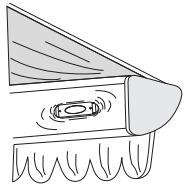
There are 10 thresholds from 0-9 totally in the potentiometer (F). Using the supplied flat screwdriver adjust to different levels and choose a suitable threshold.

1 = high sensitivity to shaking; very small shaking can close the awning.
9= low sensitivity to shaking; very strong shaking can close the awning.
0 threshold: Personalized threshold

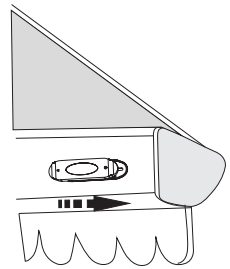
1) Pre-defined threshold adjustment



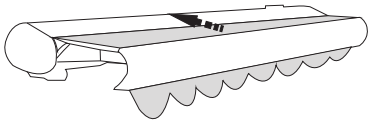
1.Adjust the threshold potentiometer with the supplied flat screwdriver to appropriate value.
1= high sensitivity to shaking
9 = low sensitivity to shaking



3.After the installation and the awning get still, the pre-defined threshold mode set is finished.

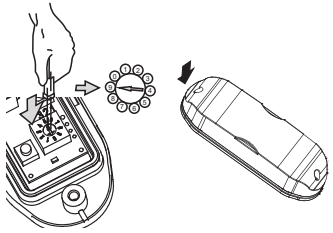


2.Slide the motion sensor’ s upper cover to bottom cover till the end stop.

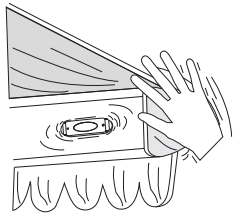


4.Check the setting and modify it in the event of incorrect sensitivity to shaking.

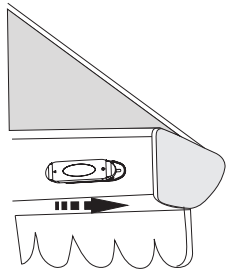
2) Personalized Threshold Adjustment



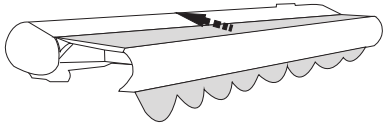
1.Switch the threshold potentiometer to 0.



3.Shake the awning manually to simulate the maximum level of wind vibration allowed till the awing close automatically. Then the motion sensor is set.
a.If the awning close satisfactorily, it means the motion sensor is set correctly.
b.If the awning does not close satisfactorily, stop the awning by pressing the Stop button on the remote control and go to the next step “personalized threshold setting change”.



2.Slide the motion sensor’s upper cover to the bottom cover till the end stop.After the installation and the awning get still, it is in the personalized threshold mode.

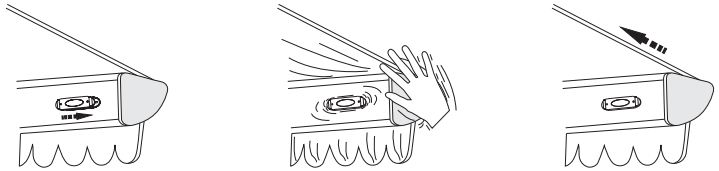


4.Personalized threshold setting change.
a.Use a remote control to open the awning.
b.Remove the upper cover from bottom and wait for 5s.
c.Slide the upper cover to the bottom cover and follow the operation in step 3,4.

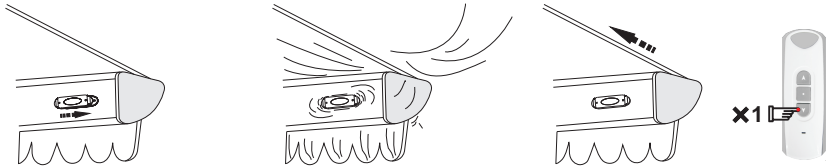
RS 005 Instruction

❽ RS005 motion sensor function

1)When the wind comes up, the awning starts to shake. If the shaking is greater than the set threshold , the awning will close automatically. At this time, the remote control is blocked and can not Open/Stop/Close the awning for 30s.



2)When the wind dies down, the shake is lower than the set threshold. The awning can be opened by the remote control after 30s.



❾ Replace batteries

Slide off the upper cover and open the inner cover and replace with 2 pcs of AAA Alkaline batteries. For details, please refer to step 4.

❿ De-activate RS005 motion sensor

1)Press the learning button on the back of emitter for 5s, the motor will vibrate once.

2)Press Down button once.

3)Press Stop button to exit, and the motor will vibrate once. De-activate of RS005 motion sensor is successful.

Note: There is a time interval of 5 minutes between deactive and active again.

⓫ Delete

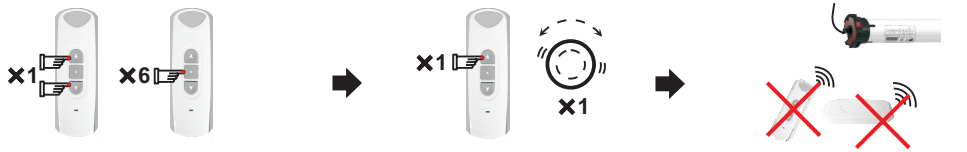
A: Delete sensor:

1) Long press the learnig button on the sensor for 3s

2) the motor vibrates once

3) the sensor cannot control the motor

B: Delete all emitters and motion sensors learned:



1)Press Up and Down button simultaneously, and press Down button 6 times.

2)Press Up button once and the motor vibrate.

3)All emitters and motion sensor could not control the motor.

⓬ Problems and Solutions

Problems	Causes	Solutions
The LED does not flash when batteries are inserted	Batteries are inserted incorrectly	Check the battery and make sure that polarity are installed correctly
The awning does not close when the wind comes up	Installation direction is incorrect (bottom installation and side installation)	If installed in the load bar either at the ends or in the middle, switch to the Fron/Back side by connecting 1 and 2 position (use the supplied connector). If installed at underside of the load bar, switch to the Underside side by connecting 2 and 3 position (use the supplied connector)
	Value setting is inappropriate	Reset the value
	External wireless signal interfere, or signal is blocked by metal objects	Check if there are sources of interference or metal objects nearby
	Motion sensor or the motor is broken	Shake the awning manually if the awning does not retract, replace with new batteries
		If the awning still does not retract, check if the motion sensor and motor works normally
The awning will close every 30 minutes and the motion sensor LED lights flash continuously	The battery voltage is too low (lower then 2.7 V)	Replace with new batteries
The awning close once per hour	Motion sensor is installed inappropriate	Check if the upper cover and bottom cover are connected well
	Motion sensor and the motor could not work and lose the radio link	Replace with new battery, shake the awning to check if the awning still could not retract
	The motion sensor does not work	Replaced with new battery. If after replacing the battery, the awning still retract once per hour, then replace motion sensor
The motion sensor could not active successfully	There is a time interval of 5 minutes between deactive and active again	wait for 5 minutes and active again

⚠ Notes

- Setting may fail due to the interference of signal. If in this case, please reset.
- Do not install the product where the rain may shower.
- Set appropriate threshold, if the threshold set is too low, which will cause a larger power consumption; if the threshold set is too high, which will cause the insensitivity. If the battery voltage is low, motion sensor will not work, please replace with new battery.
- All products are as per material subjects if there is change in appearance, color, function etc. The information is subject to changes without prior notice.