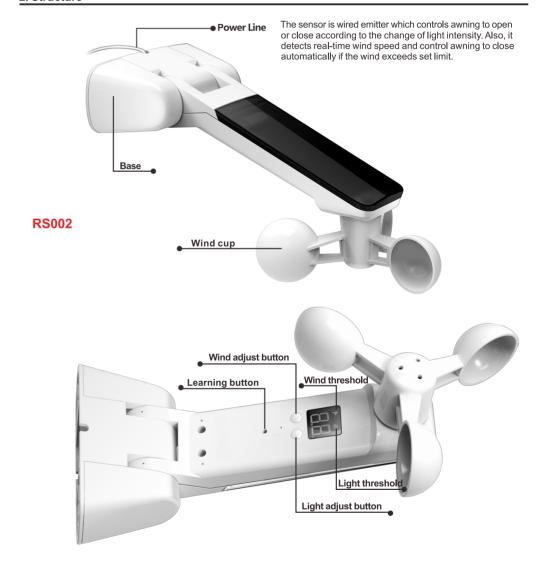
Wired Wind-Light Sensor Instruction

1.Technical Data

- DC Power: 5V 1A
- ➤ Protection Index: Ip44
- ➤ Temperature: -20°C to +60°C (Non-LCD emitter)
- ➤ Working Current: ≤12mA
- ➤ Code: Rolling Codes
- ➤ Frequency: 433.92MHz

2. Structure



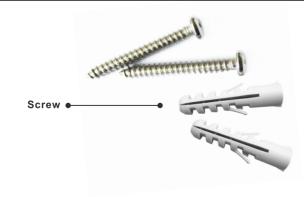
RS 002 Instruction

3.Wire connection



Note: The adapter is optional which is only sold upon request. Please be advised to use the suitable adapter as per your power standard.

4.Accessories



02 RS 002 Instruction

11.Function

1. The strong wind protection function





If the wind speed exceeds the set grade for 6 seconds continuously, an Up order is given to the motor and the awning will close automatically.

2. The light sensor function



If the light intensity exceeds the set grade for 10 minutes continuously, a Down order is given to the motor and the awning opens automatically



As long as real wind speed is higher than the set grade, you cann't open the awning by any means (manual control, emitter control and light sensor are invalid).

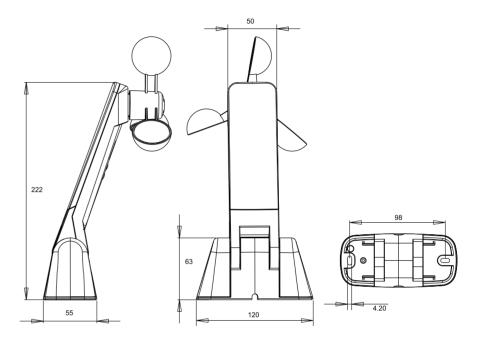


If the wind speed falls below the set grade for 30 seconds continuously, the sensor sends signals to the motor and activates the control by emitter and light sensor.



If the light intensity below the set grade for 10 minutes continuously, an Up order is given to the awning and the awning closes automatically.

5.Size

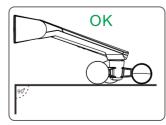


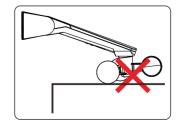
6.Installation

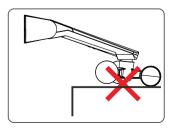
Note: To make the system operate normally, please remember that the controller must be installed near the place where the awning can be protected, and the place can reflects the surrounding's light intensity and wind speed. Please ensure that there is no other same frequency (433.92MHz) device to work constantly, otherwise, the system will be interfered.

- 1. Please use the material offered by our company to install and fix the product in the suitable place.
- 2. Please make the product's mechanical position fit to the wind cup parallel the level surface, just as the installation drawing, otherwise, it will affect the testing of the wind speed.

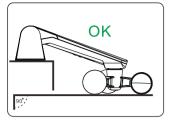
01.Installation

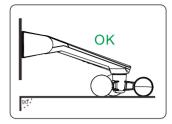


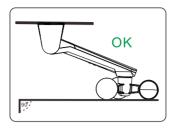




02.Installation chart

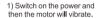


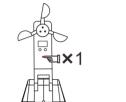




7.Code learning







2) short press the learning button one time.



3) The motor will vibrate. The code learning is successful.

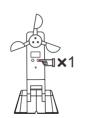
8.Set Wind Threshold



1) Long press the left button for 2 seconds and the left numbers on the LCD would flash.



2) Short press the left button and the numbers will circulate from 0 to 5

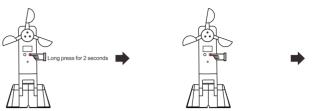


3)Select the figure you want and then press the right button one time to exit the setting. The numbers stop flashing and the wind grade is set.

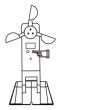
Chart 1-1 Wind Threshold Corresponding to Actual Wind Speed

Wind Threshold	Wind speed	
0	Close wind speed test	
1	10km/h	
2	15km/h	
3	20km/h	
4	30km/h	
5	>40km/h	

9.Set Light Threshold



1) Long press the right button for 2 seconds and the right numbers on the LCD would flash.



2) Short press the right button and the numbers will circulate from 0 to 5.



3)Select the figure you want and then press the left button one time to exit the setting. The numbers stop flashing and the light intensity is set.

Chart 2-1 Light Threshold Corresponding to Actual Light Intensity

Light Threshold	Actual Light Intensity	Light Threshold	Actual Light Intensity
0	Close light intensity test	5	40000Lux
1	2000Lux	6	60000Lux
2	5000Lux	7	70000Lux
3	10000Lux	8	80000Lux
		9	90000Lux

10.Testing mode

1. Wind speed testing mode

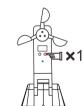
When the sensor is in wind speed real-time testing mode, the figures reflect current wind speed outside. For example, the figure "1.0" represents real wind speed is 10km/h outside.



1) Short press the left button four times.



2) the dot in the middle is always on.



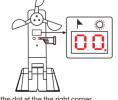
3) Short press the right button once, it will come out from wind speed testing mode.

2. Light intensity testing mode

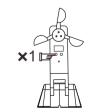
When the sensor is in light real-time testing mode, the figures reflect current light intensity outside. For example, the figure "10." represents real light intensity is 10000Lux outside.



1)Short press the right button four times.



2) the dot at the the right corner of the LCDis always on.



3) Short press the left button once, it will come out from light intensity testing mode.

Note: In light intensity testing mode, the numerical value displays the light intensity from 1000 to 100000lx. It shows "00." below 1000lx, and "99" above 100000Ix. For example, the figure "12." represents 12000Ix. It will return to initial interface 3 minutes later if there is no further operation is done to the sensor.

04 05 RS 002 Instruction RS 002 Instruction