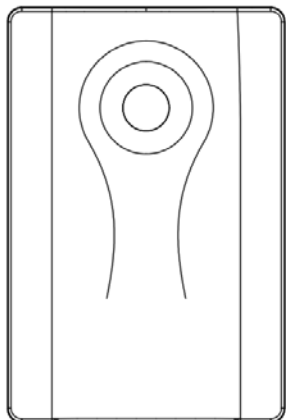


Model: RSS500T



INTRO

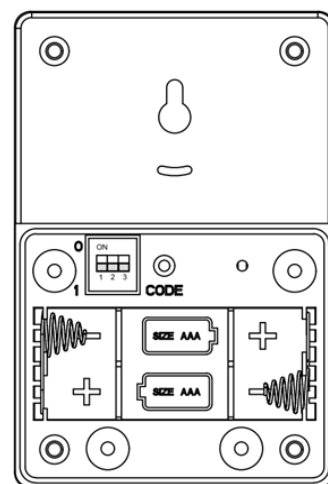
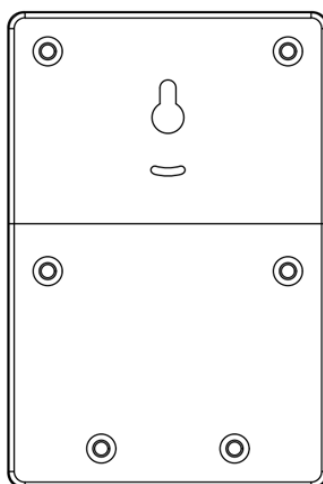
Brightness Sensor Transmitter (Twilight sensor) with adjustable timer function. Ideal for lighting scenarios. Thanks to this sensor, when the light decreases, the sensor send the command to the compatible actuator micro modules or socket to turn on the light.

FEATURES:

- Sense environment brightness (darkness) at certain level to switch on/off receiver connected lamp.
- Two modes design (automatic, delay-off), and delay-off time has 6 selections: 1h/2h/4h/6h/8h/10h.
- Water proof
- Compatible to all RS learning code receivers

BUTTON/SWITCH/LED INDICATOR:

- CODE button-Learning button
- LED indicator-RF transmission
- Dip Switch- working mode setting switch



PAIRING OPERATION

To learn it with the target receivers

To open battery cover and install the battery. When receivers enter into learning status (the LED blinks), just press the CODE button for 3 seconds until receivers LED stop flashing, and this means learning is completed. And then short press CODE button to test if the learning is successful. (If need to delete the learning code in receivers, please make receiver into the learning status first, then press the CODE button for 3 seconds, the deleting will be done.)

Note:

- When the actual brightness is continuously darker than the set darkness threshold for about 7 seconds, and the corresponding action is performed when dusk is considered to be coming.
- When the actual brightness is continuously brighter than the set daylight brightness threshold for about 1 minutes, and the corresponding action is performed when dawn is considered to be coming.
- Install the sensor in a location where the brightness of the natural environment varies greatly, and do not place the sensor in an environment where the brightness is easily affected by the light source to avoid mis-operation.

WORKING MODE AND SETTING

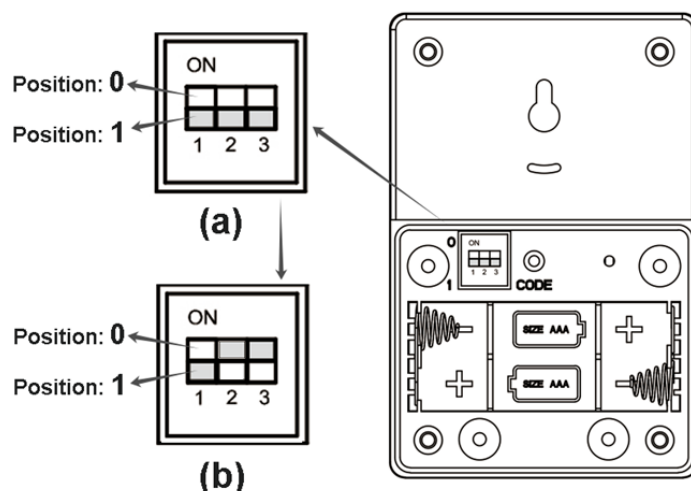
- a) 2 working modes: Automatic mode, Delay-off mode, and the Ex-factory default mode is Automatic (111). the details as following:

Dip Switch	Mode	Function Description
1 1 1	Automatic	To send ON signal to receivers at Dusk, and send OFF signal at Dawn
0 0 0	Delay-off Time: 1H	To select the corresponding delay-off time, for example 10H To send ON signal to receivers at Dusk, and send OFF signal after 10 hours Others delay-off time setting, and so on
0 0 1	Delay-off Time: 2H	
0 1 0	Delay-off Time: 4H	
0 1 1	Delay-off Time: 6H	
1 0 0	Delay-off Time: 8H	
1 0 1	Delay-off Time: 10H	
1 1 0	Empty	Power off

b) Dip switch setting method

There are 3 sliding switch handles, and mentioned number 1, 2 and 3 on the switch. Each switch handle can move to 2 position UP and DOWN. UP represents 0 position and DOWN represents 1 position.

The factory default mode is Automatic mode (111), and the three switch handles is at 1 position (see fig (a)). For example, when you want to choose Delay-off 8H mode (100), just move the switch handle 2&3 to 0 position (see fig (b)), then setting finished. Other mode settings, and so on.



SPECIFICATION:

Frequency: 433.92 MHz

Battery operation: 2x1.5V AAA

Transmitting distance: 70 meters (open area)

Waterproof

Size: 89x59x25mm (H x W x D)

FCC statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment