

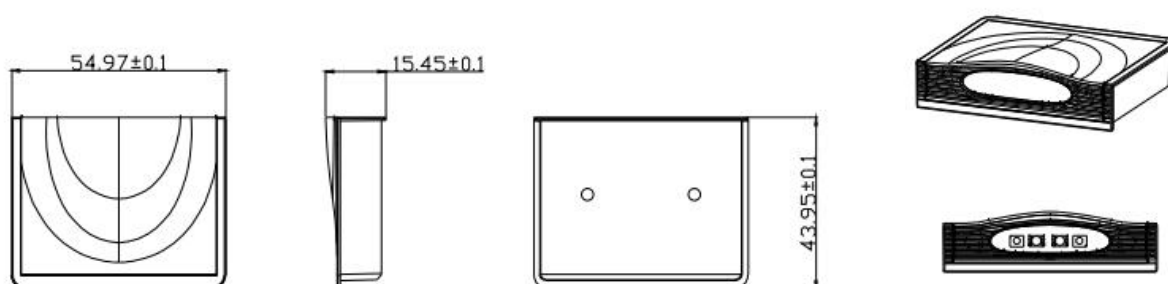


User Manual

For **Idea Serial** - **Wireless PIR** Sensor Switch

Product Range: **ID-S-P**

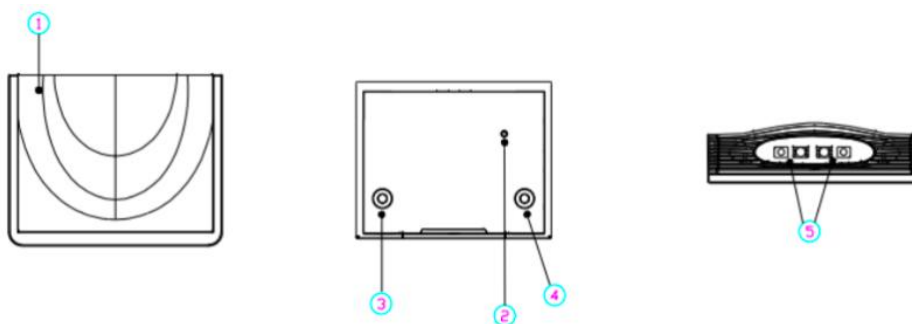
Dimension Diagram unit: mm



Product information	
1. Product Category	☐ wired ☒ wireless ☐ other
2. Installation Method	☒ Hidden installation ☒ Surface mount
3. Product Name	Wireless Hand wave Sensor Switch
4. Product Function	ON/OFF, Brightness Adjustment, Customizable Fade-In Time, Power-Off Memory
5. Automatic Light-Off Time	The LED light automatically switches off after 3 minutes when no motion is detected by the PIR sensor.
6. Control Distance	Outdoor 30m (no barrier) Indoor 15m (plaster board, drywall) Indoor up to 6m (concrete, glass walls)
7. Operating Voltage	12-24V
8. Working Current	<3mA
9. Standby Current	<15uA
10. Battery Type	CR2450*1pcs
11. Battery Capacity	600mAh
12. Battery Life	1 years
13. Wireless Protocol	RF2.4G
14. Operating Life	1 year/7000 times
15. Operating Temperature	-20°C-40°C
16. Operating Humidity	0%-85%RH
17. Shell Material	ABS&PC
18. Warranty Period	1 years

19. Product Dimensions	54.97*43.95*15.45mm
20. Mounting Type	1.The base is fixed with screws, the transmitter is buckled and fastened, and can be installed in multiple scenarios. 2.The base is secured with adhesive tape, while the transmitter is secured by a snap-fit mechanism, allowing for flexible installation in various applications.

Operation instruction



①Brightness Zone ②Indicator Light ③Setting Key ④Pairing Key ⑤Sensing Zone

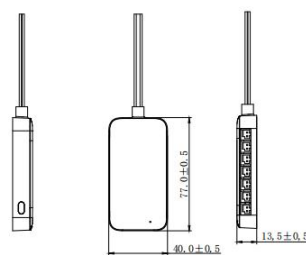
1. Upon power-up of the transmitter, the indicator light flashes once. The device enters normal operating mode after successful pairing.

2.When the PIR sensor detects human presence, the LED light automatically switches ON. If there is no further operation, the LED light automatically switches OFF 3 minutes after the person leaves the detection area.

3.After the LED light is triggered ON by the PIR sensor, short-touch or press and hold the brightness adjustment area to adjust the brightness. When the brightness reaches 100%, release the touch and press and hold the brightness adjustment area again to continue adjusting the LED strip brightness to a lower level. The final adjusted brightness is saved as the default brightness for the next power-on.

4. Short-press the Fade-In Time Setting button to set the total fade-in time from 0% to 100%. The default settings cycle through 4 s → 5 s → 6 s → 3 s → 4 s.

Pairing instruction



Powered by **CV 12-24V** LED Driver

Pairing

Pairing Method 1: After the receiver is powered on, the white indicator light remains steadily ON for 20 seconds. During this 20-second pairing window, press and hold the pairing button on the transmitter for 5 seconds to initiate pairing. When pairing is successful, the receiver indicator flashes once and the LED strip flashes once.

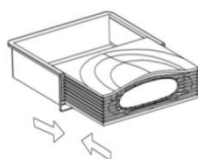
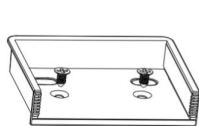
Pairing Method 2: Short-press the receiver pairing button once. The white indicator light remains steadily ON for 20 seconds. During this 20-second period, press and hold the transmitter pairing button for 5 seconds to initiate pairing. After successful pairing, the receiver indicator light flashes once, and the LED strip flashes once (indicating successful pairing).

Code Clearing

Transmitter: Quickly short-press the pairing button 5 times. The indicator light flashes rapidly 5 times, while the LED strip flashes 3 times synchronously, indicating that the saved receiver pairing information has been cleared.

Receiver: Press and hold the pairing button for 5 seconds. The indicator light flashes rapidly 5 times, while the LED strip flashes 5 times synchronously, indicating that all transmitter pairing information has been cleared.

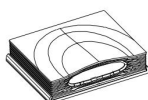
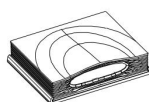
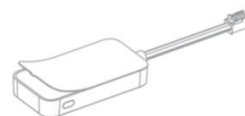
Installation Instructions



Recessed-mounted:

Tighten the screws to secure the base first, then slide the main unit into or out of the base.

step 1 wipe the pasted area clean



step 2 tear the 3M adhesive paper of the

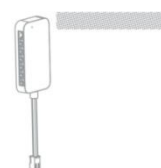
base

Surface-mounted 1:

Peel off the adhesive backing from the base and attach it to a smooth surface, then slide the main unit into or out of the base.

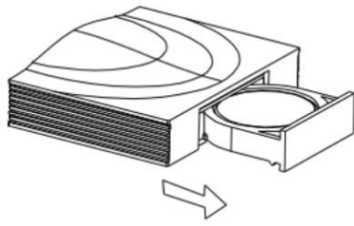
Surface-mounted 2:

Tighten the screws to secure the base first, then slide the main unit into or out of the base.

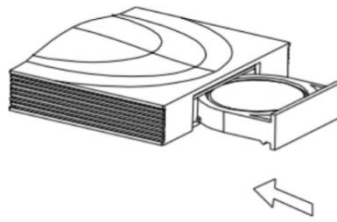


step3 paste in the appropriate position

Battery Installation Instructions



Replace the battery: Pull the buckle outwards



Assemble the battery: With the positive pole of the battery facing upward, push the clip inwards to align it flush.