

E1-W

Sensor

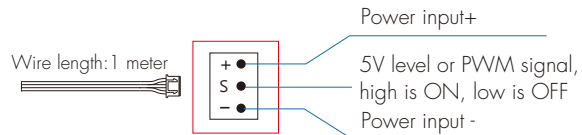
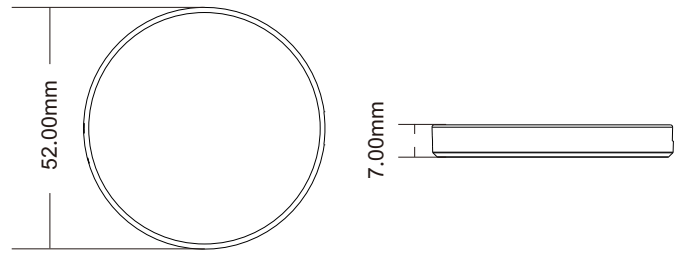
Paste Anywhere Hand Sweep Sensor Switch head

- Paste anywhere hand sweep sensor switch head, used with various sensor controllers.
- Can detect hand waving motions through non-metallic materials such as wood, acrylic, plastic and glass.
- Low voltage 5VDC supply with 5V level or PWM signal output.
- Hand sweep once the light fade on, sweep again the light fade off.
- Detection distance $\leq 5\text{cm}$.
- 1s light on fade, 2s light off fade.
- Logarithmic dimming curves.
- Hand stay moment can be set dimmable or non-dimmable.
- 3 levels of output PWM frequency can be set (500Hz/2KHz(default)/4KHz).
- Ultra-thin design, no need to cut hole, random paste installation, can be hidden.
- Apply to light illumination of cabinets, closets, wine cabinets and so on.



CE RoHS

Mechanical Structures



Sensor Switch Head Function

Hand sweep switch:

Hand sweep once the light fade on, sweep again the light fade off.
 When the hand stays within the detection distance for 2-7s, adjust the brightness of the light (adjustment range: 5-100%).
 The brightness changes in the opposite direction when the hand moves away and stays again.
 When the light is on, the indicator is brighter; when the light is off, the indicator is dimmer;
 the indicator keeps blinking during brightness adjustment.

Factory default with dimming function, PWM frequency 2KHz.
 Please set whether dimmable or not and PWM frequency according to the actual installation requirements by short press or long press the set key with equipped pin.

Set whether dimmable or not:

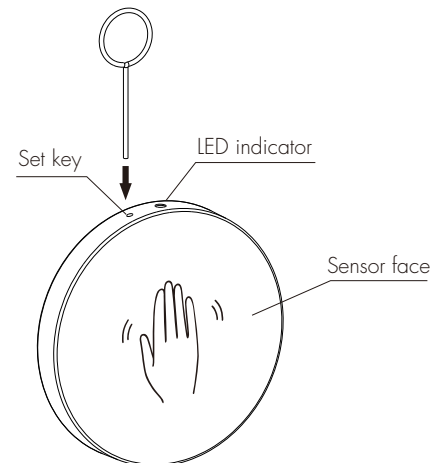
Short press the set key to set whether dimmable or not.
 When set to dimmable mode, the indicator blinks 1 time;
 When set to non-dimmable mode, the indicator blinks 2 times.
 Note: When the sensor head is powered up, the LED indicator will blink the corresponding number of times according to the current setting value.

Set the PWM frequency:

Long press the set key for 5-15s to set 3 kinds of PWM frequency in sequence.
 Long press for 5s, the PWM frequency is set to 500Hz and the indicator blinks 1 time;
 Long press for 10s, the PWM frequency is set to 2KHz and the indicator blinks 2 times;
 Long press for 15s, the PWM frequency is set to 4KHz and the indicator blinks 3 times;
 Note: When long pressed, the indicator light is off and will blink the corresponding number of times at the 5s, 10s, and 15s moments.

Memory function:

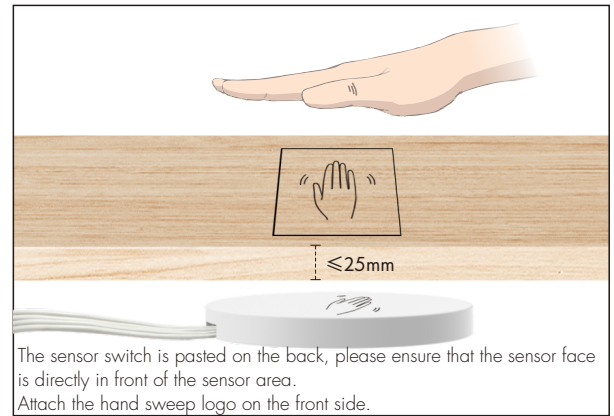
After power failure and turn on again, the device automatically restores the setting parameters before power failure.



Open installation:



Concealed installation:



Installation Precautions:

1. Please use 3M adhesive to install the sensor switch anywhere or on the back of non-metallic materials such as wood, plastic, glass, acrylic, etc.
2. The sensor switch is not affected by ambient temperature, humidity, light, etc., and has strong anti-interference capability.
3. When installing, place the sensing side up.
4. Concealed detection thickness ≤ 25mm.

Sensor Head Application

