

Product Name	Mirror Sensor Switch
Model	M1- 1 - DDT -01
Specification	Anti-fog Touch Sensor Switch - Single Color - Dual Key

1 Basic Parameters

Parameter	Performance	Remarks
Dimensions	61.1mm*66.24mm*9.3mm	
Supported Mirror Thickness	≤5mm	
Operating Voltage	DC12V-24V	
Maximum Current	3A (Max)	
Standby Power Consumption	< 0.5W	
Operating Temperature	-10℃-40℃	
Operating Humidity	0%-85%RH	
Housing Material	PC&ABS	

2 Functional Description

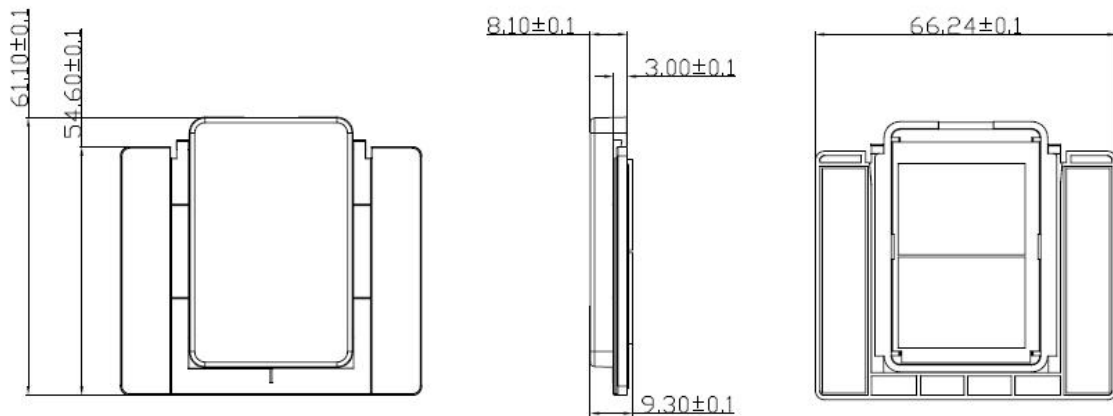
Function Introduction	Description
Operation Guide	① Bracket ③ Double - sided tape ⑤ Light Guide Panel & Light Button ② Main Body ④ Light Guide Panel & Defogging Button ⑥ Mirror 1. Initial Power-on State: • Default light-off upon first power-up; button backlight displays blue in standby mode. • Short press the Light Button to toggle ON/OFF; short press the Defogging • Button to activate/deactivate defogging. • Backlight displays white when the light or defogging is active. • Backlight enters sleep mode after 5 minutes of inactivity. 2.Defogging Function: • Automatically deactivates after 60 minutes of inactivity when defogging is enabled. 3.Light Dimming Function: • Long-press the Light Button (3 seconds) for stepless dimming (5% – 100%). • Default brightness at first power-on: 100%. Subsequent long presses decrease brightness, and another long press increases it. 4.Brightness Memory Function: • Retains previous brightness state after power-off or restart, regardless of the brightness level before shutdown.

3 Precautions

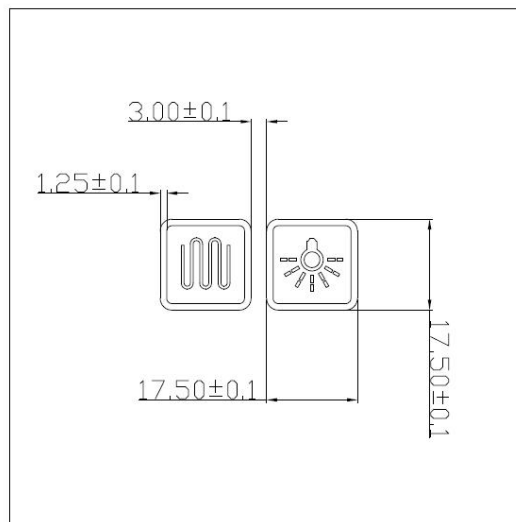
- 3.1 Please read the user manual thoroughly before installation and use.
- 3.2 Install away from water sources and ensure insulation.
- 3.3 Do not disassemble the product.

4 Structural Diagram & Installation Guide

Dimensions Diagram Unit: mm



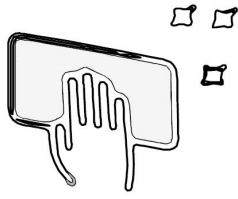
Recommended Mirror Icon Size Unit: mm



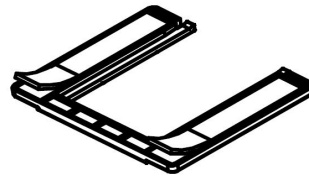
Precautions:

To ensure optimal sensitivity of the touch keys, it is recommended to use the specified mirror icon dimensions.

Installation Instructions



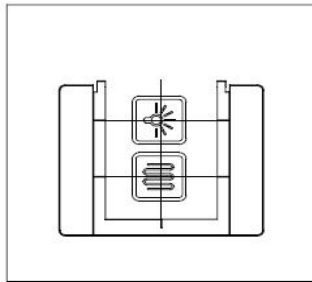
Step 1



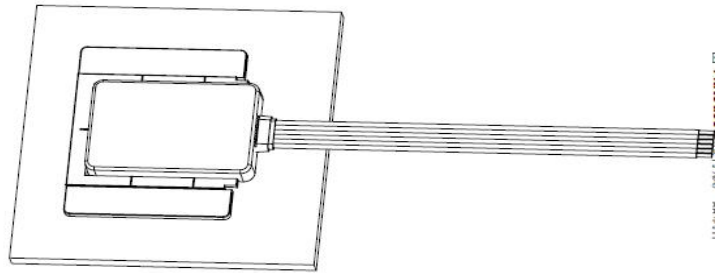
Step 2

1. Clean the mirror surface thoroughly with a lint-free cloth

2. Remove the protective film from the 3M adhesive on the back of the bracket



Step 3

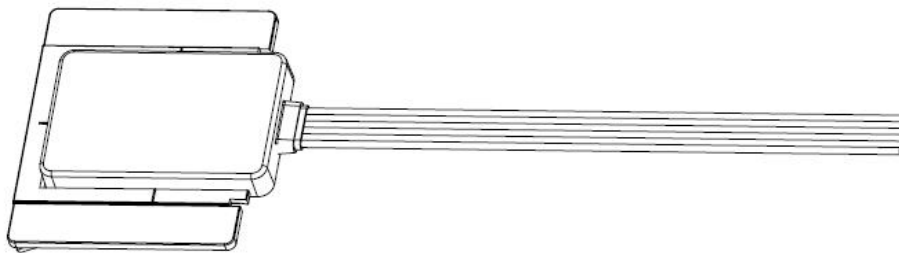


3. Align the center points of the three horizontal lines on the bracket with the center points of the mirror's markings. Securely attach the bracket, then mount the main body onto it to complete installation.

Wiring Diagram



① GND ② VCC ③ LED+ ④ LED- ⑤ NC (No Connection) ⑥ Defogging Relay Control Wire



Precautions: To ensure proper defogging functionality, connect the defogging relay's GND terminal to the product's GND terminal.

5 Packaging

5.1 Packaging Requirements

- Standard industrial packaging (customizable per client request).
- Stored in dry, dust-proof, and moisture-resistant boxes.

5.2 Accessories List

Item	Quantity	Remarks
Main Unit	1pcs	Standard
Bracket	1pcs	Standard
User Manual	1pcs	Standard