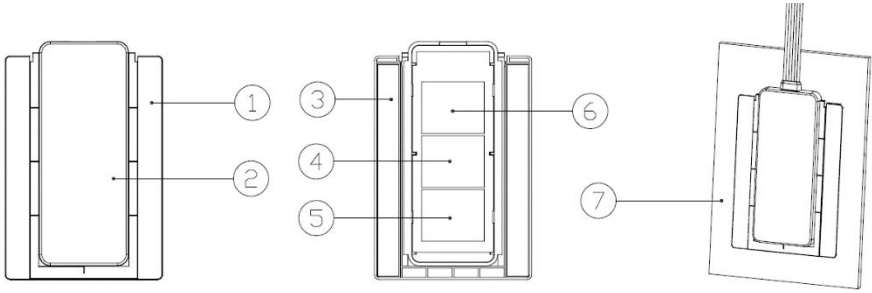


Product Name	Mirror Sensor Switch
Model	M1- 1 - DTT -03
Specification	Anti-fog Touch Sensor Switch - Dual Color - Three Key

1 Basic Parameters

Parameter	Performance	Remarks
Dimensions	106.1mm*70.24mm*9.3mm	
Supported Mirror Thickness	≤5mm	
Operating Voltage	DC12V-24V	
Maximum Current	3A (Max)	
Standby Power Consumption	< 1W	
Operating Temperature	-10℃-40℃	
Operating Humidity	0%-85%RH	
Housing Material	PC&ABS	

2 Functional Description

Function Introduction	Description
Operation Guide	 ① Bracket ② Main Body ③ Double - sided tape ④ Light Guide Panel & Color Temperature Button ⑤ Light Guide Panel & Defogging Button ⑥ Light Guide Panel & Light Button ⑦ Mirror
	1. Initial Power-on State: • Default light-off upon initial power-on; the button indicator displays blue in standby mode. • Short press the Light Button to toggle the light ON/OFF; short press the Defogging Button to activate/deactivate defogging. • The button indicator switches to white when the light or defogging function is active. 2. Color Temperature Adjustment: • In light-on mode, short press the Color Temperature Button to cycle through color temperature modes: Cool Light → Natural Light → Warm Light. 3. Defogging Function: • The defogging function auto-deactivates after 60 minutes of inactivity when enabled. 4. Continuous Dimming Function: • Long press the Light Button (3 seconds) to activate continuous dimming

(5%~100%).

- Default brightness at initial power-on: Cool Light at 100% brightness.
- First long press: Decreases brightness.
- Next long press: Increases brightness.

5. Color Temperature & Brightness Memory

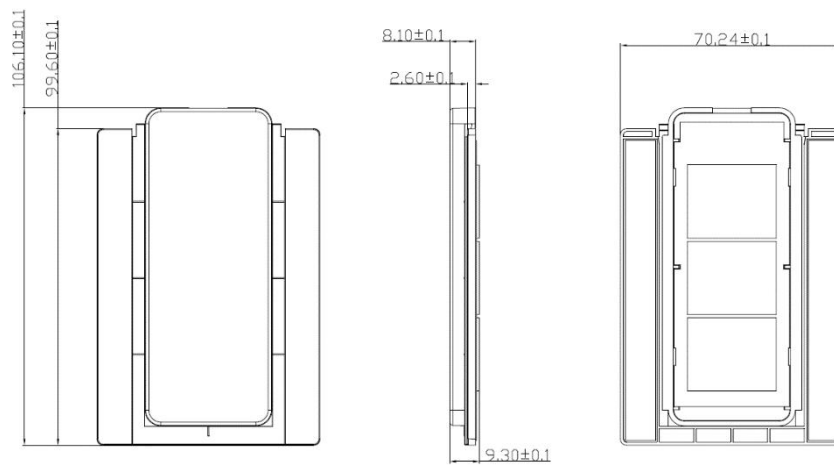
- Restores the previous color temperature and brightness state after power cycling (OFF/ON) or restart, regardless of the pre-shutdown settings.

3 Precautions

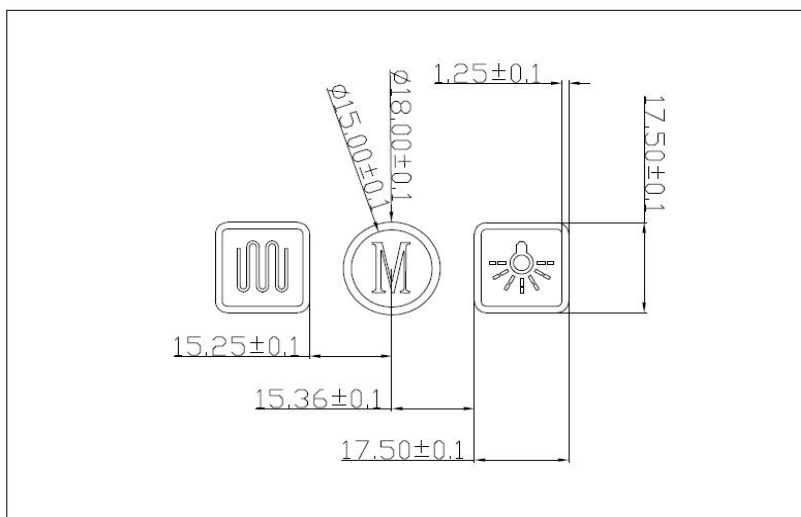
- 3.1 Please read the user manual thoroughly before installation and use.
- 3.2 Install away from water sources and ensure insulation.
- 3.3 Do not disassemble the product.

4 Structural Diagram & Installation Guide

Dimensions Diagram Unit: mm



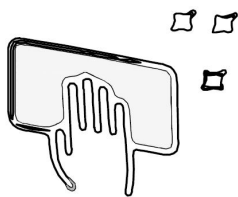
Recommended Mirror Icon Size Unit: mm



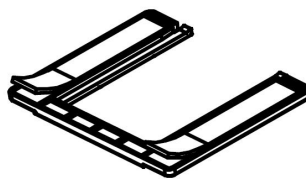
Precautions:

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

Installation Instructions



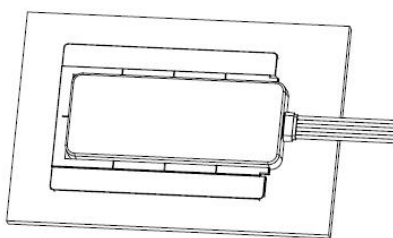
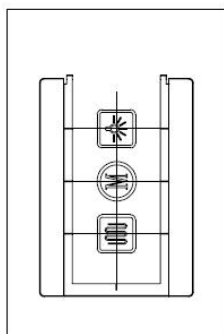
Step 1



Step 2

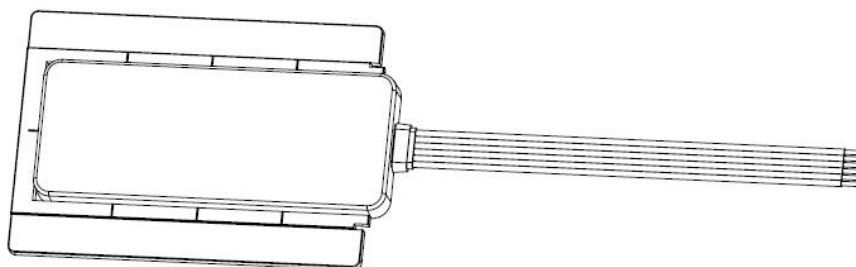
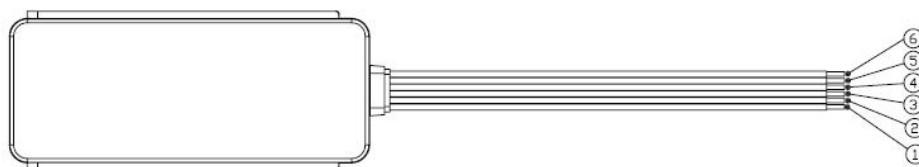
1. Clean the mirror surface thoroughly with a lint-free cloth

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



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



①GND ②VCC ③LED+ ④LED1- (Cool Light) ⑤LED2- (Warm Light) ⑥Defogging 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