

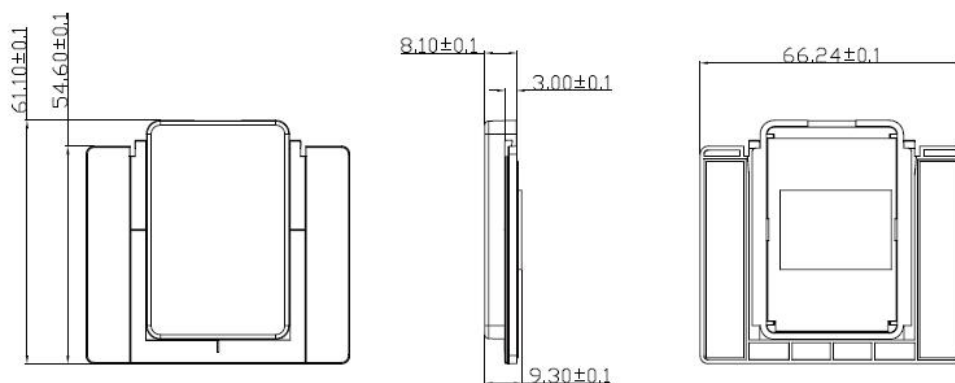


User Manual

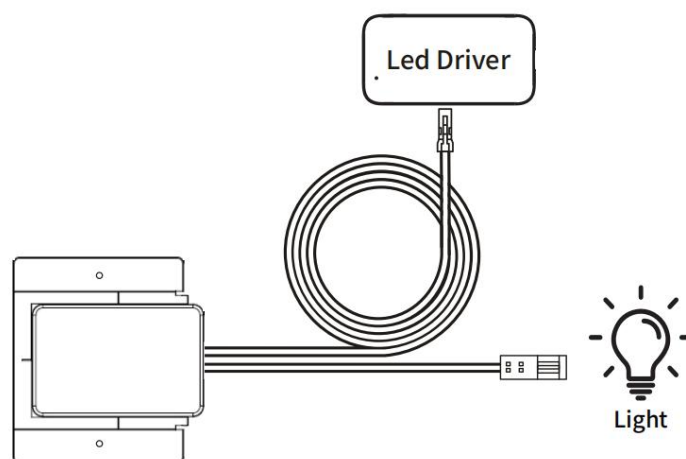
For **Hidden Serial** - Touch Sensor Switch

Product Range: **HD-TC-01**

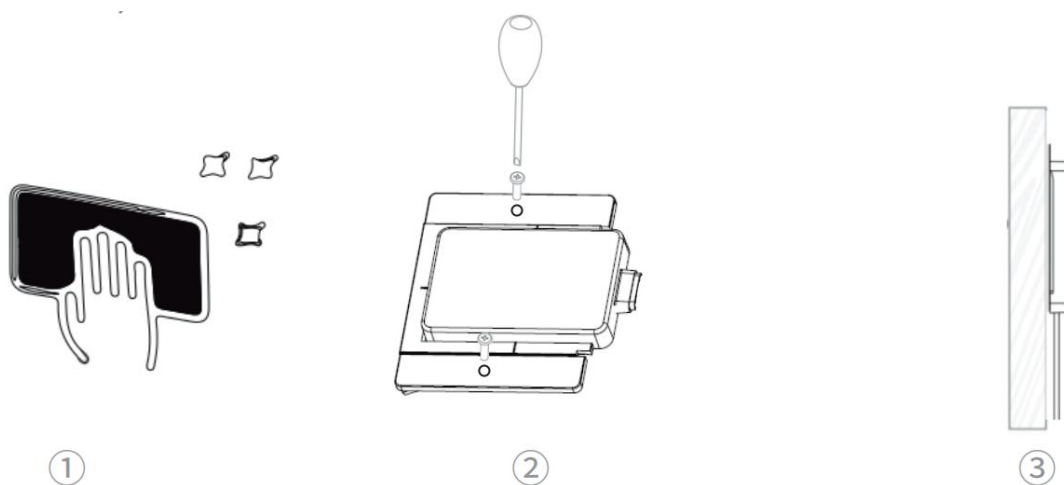
Dimension Diagram unit: mm



Wiring Diagram



Installation Method



- ① Wipe the surface of the laminate with a clean cloth.
- ② Please fix the bracket to the back of the wooden board using screws.
- ③ Insert and secure the switch main body into the bracket to complete the installation.

Product information	
1. Product Category	☒ wired ☐ wireless ☐ other
2. Installation Method	☒ Hidden installation ☒ Surface mount
3. Product Name	Touch Sensor Switch
4. Cable Length	Input 1000mm + Output 150mm
5. Function Description	1. Touch once to turn the light on or off. When turned on, the brightness will be at the previously memorized level. 2. When a finger stays above the sensing area for about 0.5 seconds, dimming starts. The brightness will gradually increase from 6% to 100% over approximately 3 seconds, then stop changing at 100%. When the finger stays above the sensing area again for about 0.5 seconds, the brightness will gradually decrease from 100% to 6% over approximately 3 seconds, and stop changing at 6%. 3. During dimming, when the finger leaves the sensing area at any brightness level, that brightness will be memorized as the “memory brightness.” The next time the light is turned on, it will restore to that memorized brightness. 4. During dimming, when powered on for the first time, the initial brightness is 100%. The first dimming adjustment will decrease the brightness. After releasing the finger, the next dimming will increase the brightness, and the following one will decrease it again — alternating in this pattern.

6. Control Mode	Channel control
7. Operating Voltage	12-24V
8. Operating Current	3A Max
9. Working Current	< 3mA
10. Maximum Shelf Thickness	5 cm thick wooden board
11. Operating Temperature	-10°C-40°C
12. Operating Humidity	0%-85%RH
13. Shell Material	PC&ABS
14. Warranty Pod	3 years
15. Product Dimensions	55mm*40mm*8mm