



# Smart Control Panel 7Pro

Premium Ultra-Slim AI Flagship Control Panel

Product Manual

# Contents

Welcome .....

01

Product Diagram .....

02

Installation Guide .....

03

Product Specifications .....

07

Warranty Policy .....

08

Non-Warranty Conditions .....

09

FCC Statement .....

09

Hazardous Substances Declaration .....

10

# Welcome



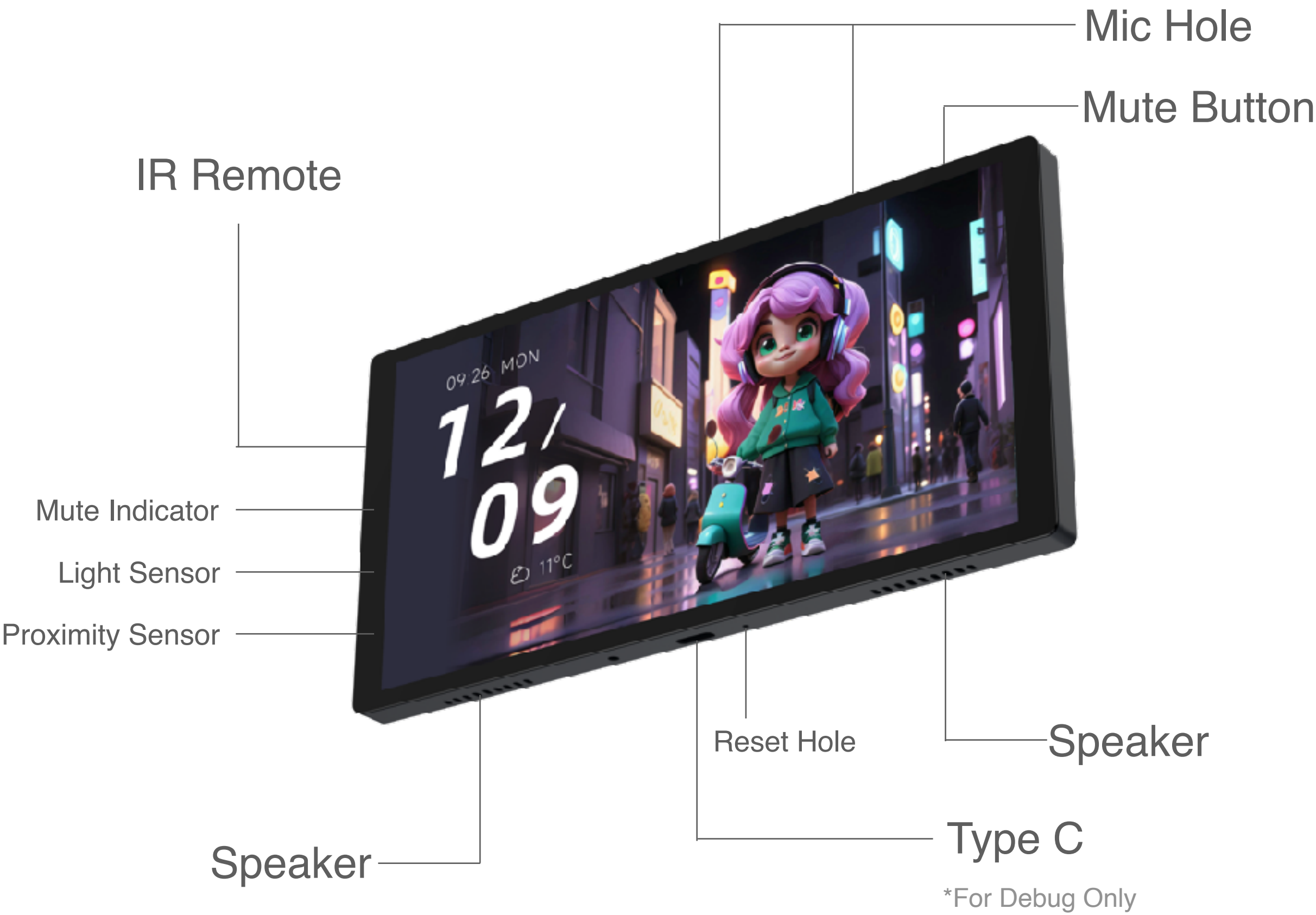
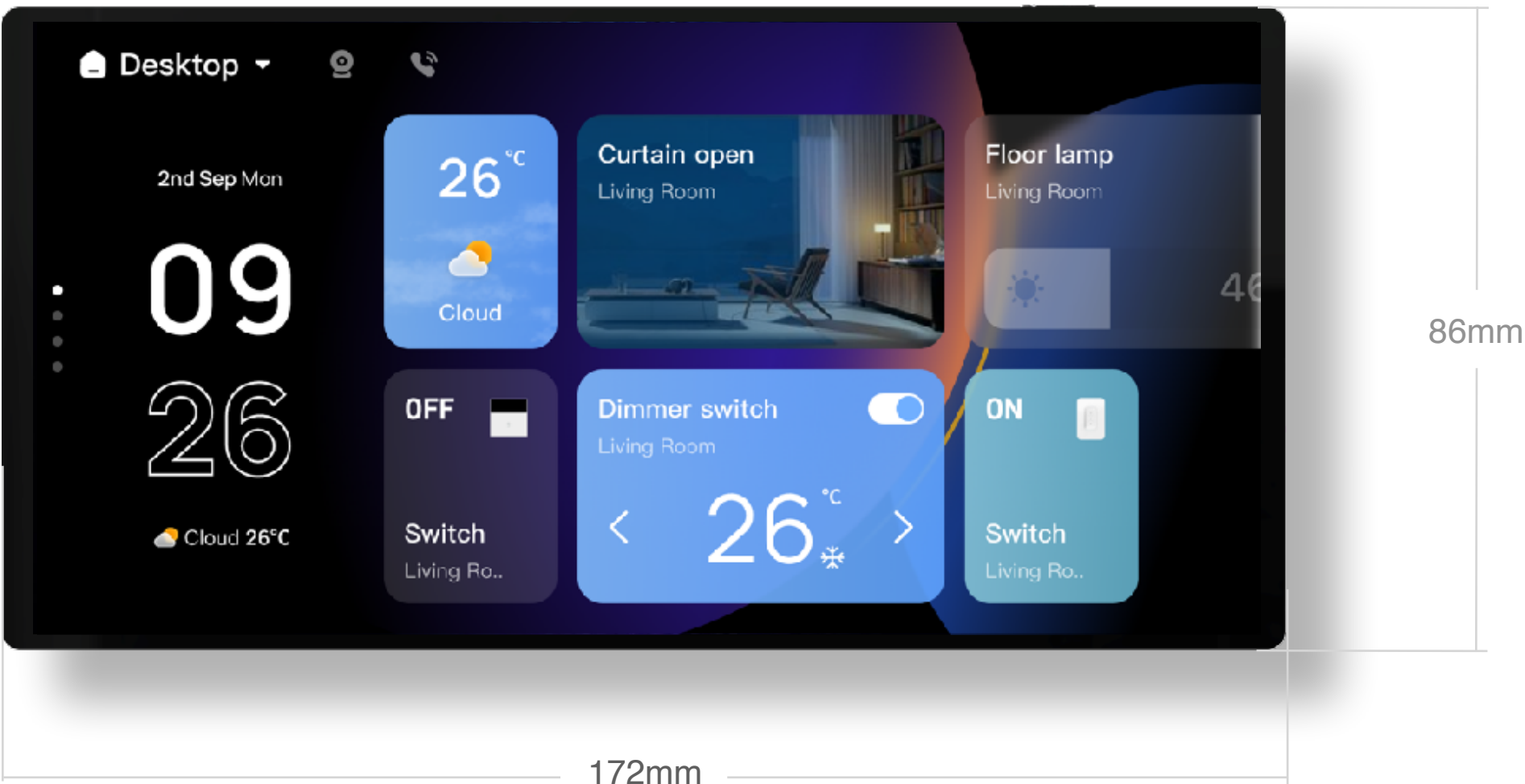
Smart Control Panel 7Pro+ is a multi-functional interactive device that combines touch control, voice control, a multi-mode gateway, a dual-channel relay, and infrared remote control.

Through touch and voice interaction, you can control various Powered by Tuya devices and scenes in your home. The multi-mode gateway supports connecting Zigbee and Bluetooth Sigmesh sub-devices. The dual-channel relay can replace traditional switches to control two lighting circuits. The built-in infrared remote control can directly control infrared devices such as TVs and air conditioners.

In addition to controlling devices and scenes, the Smart Control Panel 7Pro+ also supports smart cameras, video doorbells, and video door locks. You can view the camera's audio/video stream directly on the screen, and when paired with a video door lock, you can unlock the door right from the screen.

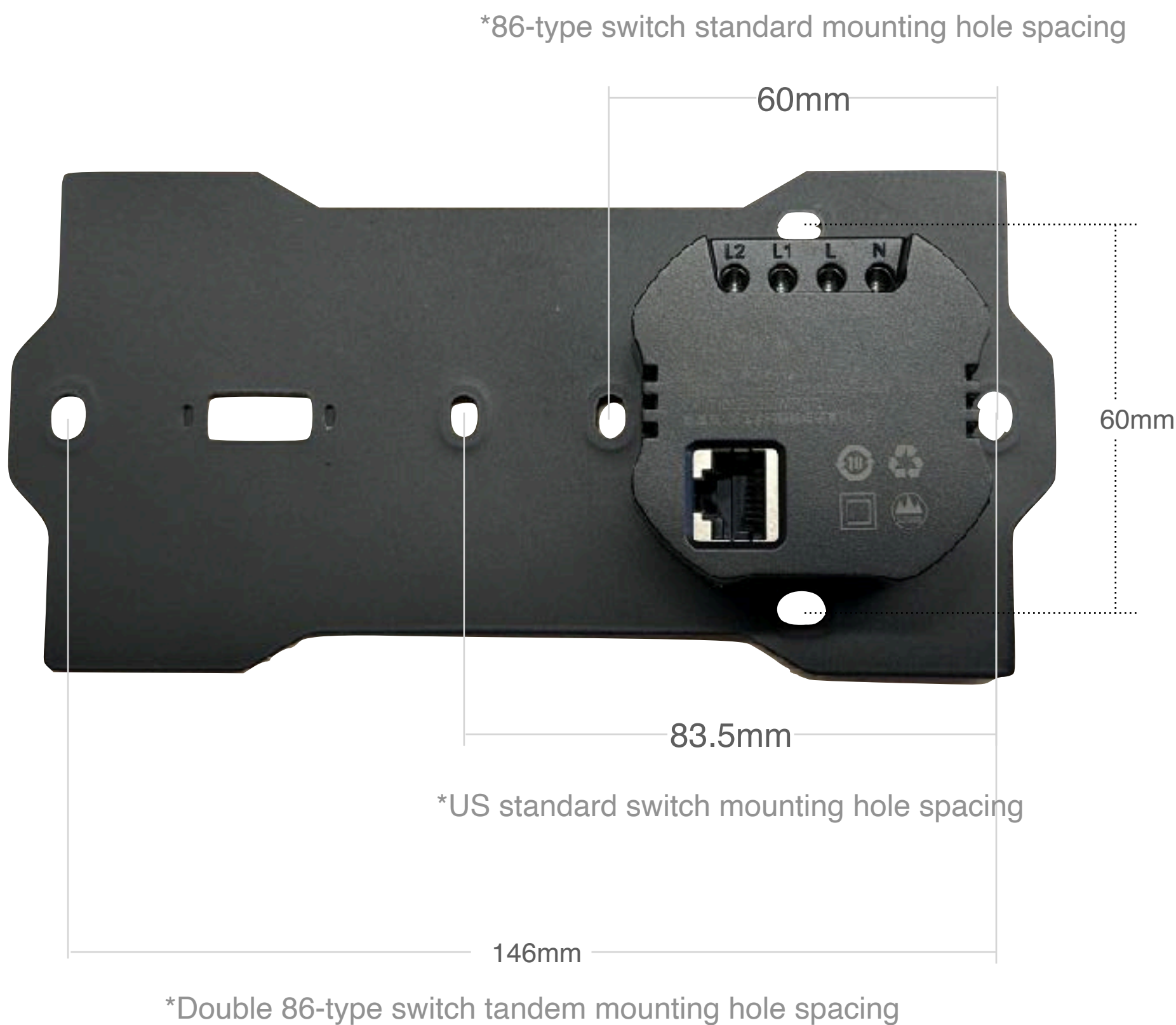
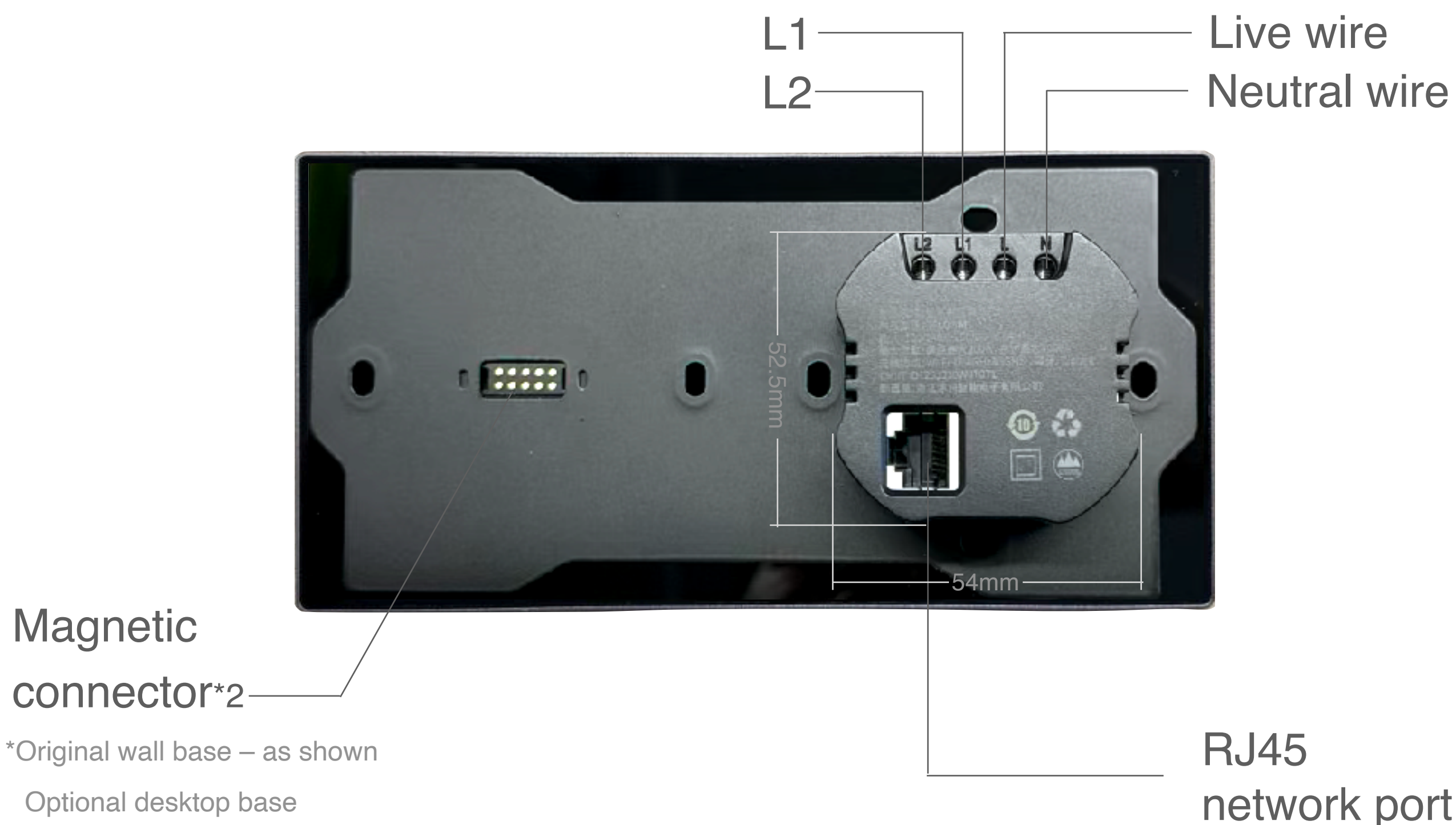


# Product Diagram





# Product Diagram



# Installation Guide

## ①Packing List



Smart Control Panel 7Pro+ X 1  
(Including screen and wall-mount base)



User Guide X 1



Accessory kit X 1



# Installation Guide

## ② Installation Notes

- 1.This product connects to the internet via Wi-Fi or an Ethernet cable. Please ensure Wi-Fi or an Ethernet cable is ready.
- 2.The power back box requires a neutral wire and live wire. The mounting box must have a neutral wire. If not, a neutral wire must be added.
- 3.Installation of the power back box involves 220V mains voltage. It must be carried out by a qualified electrician. Read the Installation Guide carefully before installation. Failure to follow the Installation Guide may endanger your life.
- 4.The product supports two loads, each up to 200W max.
- 5.For indoor use only. Do not install in damp environments such as bathrooms.
- 6.Only install and use at altitudes below 2000 meters.
- 7.Prepare tools: screwdriver, voltage tester, electrical tape, etc.
- 8.Do not work on live wires.

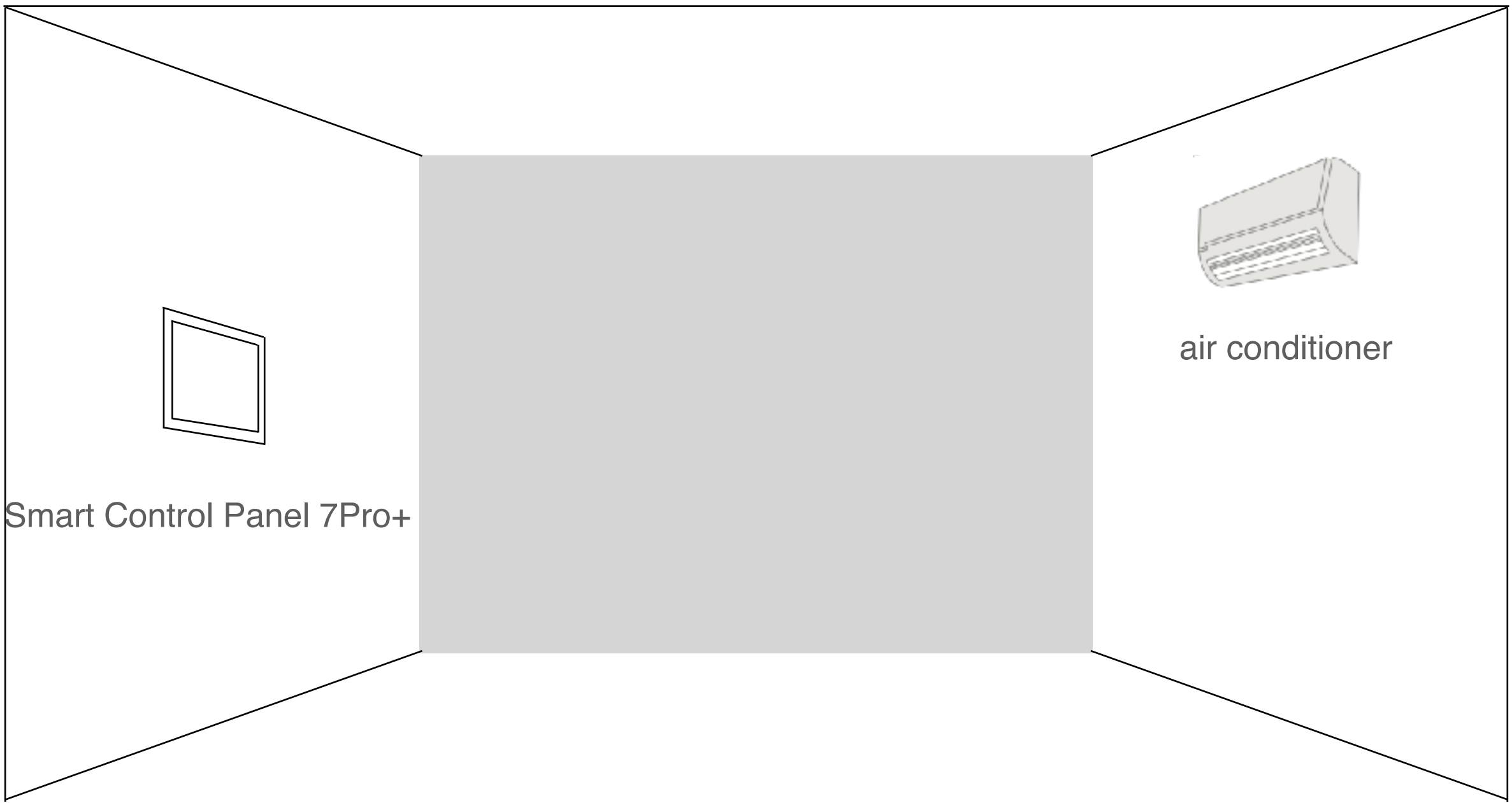
\*This product features an industry-leading full-screen design, delivering an ultimate visual experience. Due to its bezel-less construction and larger display area, the screen itself has limited durability against drops or impacts. To avoid accidental damage, please handle with care and prevent contact with hard objects.

# Installation Guide

## ③Installation Location

The Smart Control Panel 7Pro+ has a built-in infrared transmitter to control infrared appliances. During installation, you can power the device via USB-C to verify that the chosen location allows effective control of the infrared appliances.

Infrared signals cannot penetrate walls. For the best control experience, it is recommended to install the panel in an open area directly facing the infrared device



Installation location diagram



# Installation Guide

## ③ Installation Steps

1. Use a voltage tester to identify the live wire, neutral wire, and lighting control wires, then turn off the circuit breaker.
2. Take out the product body and the screw accessory pack from the box.
3. Use a flat-head screwdriver to gently pry open the panel from the bottom release slot, separating the panel from the power base (Fig. 1).
4. Connect the neutral wire to terminal N, the live wire to terminal L, and the lighting control wires to terminals L1/L2 respectively (Fig. 2).
5. After verifying the connections are correct, tighten the terminal screws.
6. Use the KM4 screws from the accessory pack to secure the power base to the wall box (Fig. 3).
7. Tilt the panel and snap it onto the wall-mounted power base. Check that the panel is firmly attached.

# Product Specifications



|                       |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Product Name          | Smart Control Panel 7Pro+                                         |
| Model                 | TPL07-M2                                                          |
| Screen Size           | 6.9 inches                                                        |
| Screen Resolution     | 1440*720                                                          |
| Input                 | 100-240V~; 50/60Hz;5A                                             |
| Wireless Protocols    | Wi-Fi (2.4GHz/5GHz)<br>Zigbee 3.0<br>Bluetooth 5.2/Bluetooth Mesh |
| Max Load              | Total max 400W<br>Single channel max 200W                         |
| Operating Temperature | 0°C ~ 40°C                                                        |
| Operating Humidity    | 5% ~ 90% RH (non-condensing)                                      |
| Product Dimensions    | 172*65*8.5mm (without base)<br>172*65*39.2mm (with base)          |
| Net Weight            | Approx. 360g                                                      |

# Warranty Policy

After-sales service strictly follows the Law of the People's Republic of China on the Protection of Consumer Rights and Interests and the Product Quality Law of the People's Republic of China, implementing the "Three Guarantees" policy. Service terms:

1. Within 7 days from the date of receipt, if a performance defect occurs, you may receive a free refund or replacement.
2. Within 8-15 days from the date of receipt, if a performance defect occurs, you may receive a free replacement or repair.
3. Within 12 months from the date of receipt, if a performance defect occurs, you may receive free repair services.



# Non-Warranty Conditions

- 1.Damage caused by unauthorized repair, misuse, collision, neglect, abuse, liquid ingress, accident, modification, incorrect use of non-original accessories, or tampering with/removing labels or anti-counterfeit marks.
- 2.Exceeding the warranty period.
- 3.Damage caused by force majeure.
- 4.Damage or failure caused by issues other than design, technology, manufacturing, or quality defects of the product itself.

## FCC STATEMENT

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

# Hazardous Substances Declaration for Electronic Information Products

| Component Name  | Hazardous Substances and Elements |                       |                       |                            |                              |                                     |
|-----------------|-----------------------------------|-----------------------|-----------------------|----------------------------|------------------------------|-------------------------------------|
|                 | Lead (Pb)                         | Mercury (Hg)          | Cadmium (Cd)          | Hexavalent Chromium Cr(VI) | Polybrominated Biphenyls PBB | Polybrominated Diphenyl Ethers PBDE |
| Plastic parts   | <input type="radio"/>             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/>        | <input type="radio"/>               |
| Metal parts     | ×                                 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/>        | <input type="radio"/>               |
| Wireless module | <input type="radio"/>             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/>        | <input type="radio"/>               |
| PCBA            | <input type="radio"/>             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/>        | <input type="radio"/>               |

“In compliance with the China RoHS standard SJ/T11364, all hazardous substances present in the product are disclosed below. Please disregard this notice if the product is not to be sold or installed in China.”\*

☐: Indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit specified in GB/T26572-2011.

×: Indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit specified in GB/T26572-2011.



The number in this mark indicates the environmental protection use period under normal use is 10 years. Some components may have their own environmental protection use period marks; the period indicated on those marks shall prevail.