

Inkslab Series Non-Smart Panel

Instruction Manual



MPSY-****-NP.17

Before using this product, please read this manual carefully and keep it properly!

Document Version: C

◆◆ Overview

To provide users with better smart home solutions, Inkslab series comes with 16 non-smart products for solution design. The product list is as follows:

No	Product Name	Model No.
1	Inkslab Series 1 Port Telephone Wall Jack	MPPY-1T-NP.17
2	Inkslab Series 1 Port Ethernet Wall Outlet	MPEY-1E-NP.17
3	Inkslab Series 2 Port Ethernet Wall Outlet	MPEY-2E-NP.17
4	Inkslab Series 1 Port Cable TV Wall Outlet	MPVY-1C-NP.17
5	Inkslab Series TV and Ethernet Outlet	MPVY-CE-NP.17
6	Inkslab Series TEL and Ethernet Outlet	MPPY-TE-NP.17
7	Inkslab Series Induction Floor Light Panel	MPLY-FLS-NP.17
8	Inkslab Series Emergency Panel	MPUY-1EC-NP.17
9	Inkslab Series Blank Panel	MPKY-B-NP.17
10	Inkslab Series 1 Button Rocker Switch	MPMY-1R-NP.17
11	Inkslab Series 2 Button Rocker Switch	MPMY-2R-NP.17
12	Inkslab Series 3 Button Rocker Switch	MPMY-3R-NP.17

Key functions:

1. Signal Panel:

- Inkslab Series 1 Port Cable TV Wall Outlet provides a coaxial cable signal interface for transmitting signals to TV devices;
- Inkslab Series 1 Port Telephone Wall Jack provides Cat3 telephone signal interface for transmitting signals to telephone devices;
- The single computer information panel provides Cat5e network signal interfaces for transmitting signals to network devices;
- Inkslab Series 1 Port Cable TV Wall Outlet, Inkslab Series 1 Port Telephone Wall Jack, Inkslab Series 1 Port Ethernet Wall Outlet and Inkslab Series 2 Port Ethernet Wall Outlet are paired together on a panel, providing corresponding signal interfaces for the combined devices to transmit signals.

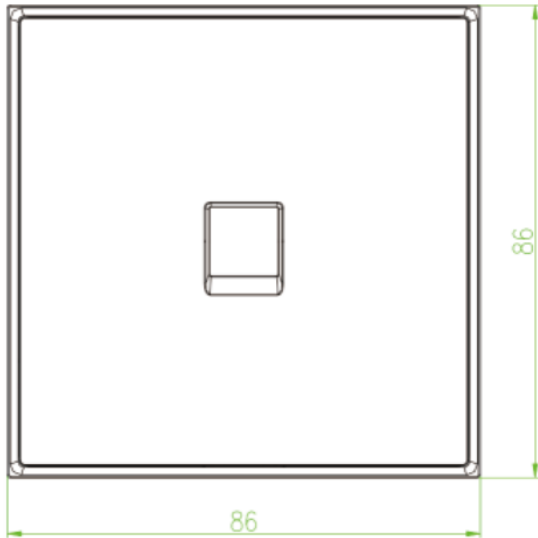
2. Others:

- Inkslab Series 1 Button Rocker Switch, Inkslab Series 2 Button Rocker Switch, and Inkslab Series 3 Button Rocker Switch used to enable on/off control of related electrical equipment;
- Inkslab Series Induction Floor Light Panel achieving night light function;
- Inkslab Series Emergency Panel is used to warn of danger or seek help, which can be released by resetting the key and

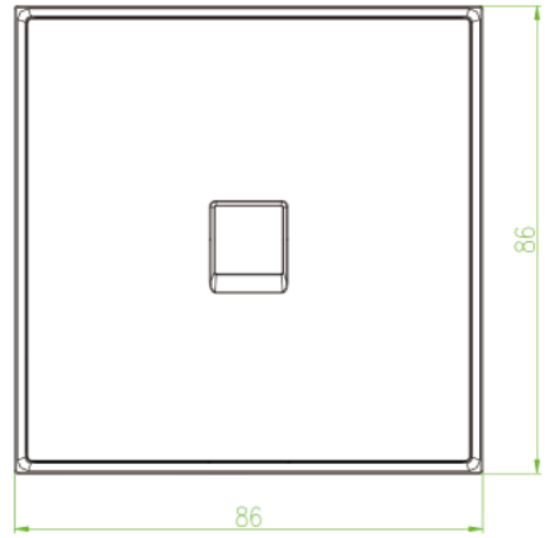
button can be reset.

- Inkslab Series Blank Panel, used to fill the unnecessary extra 86mm holes.

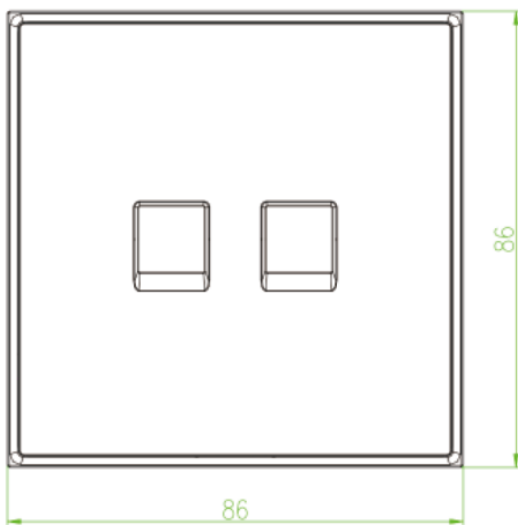
◆◆ Appearance



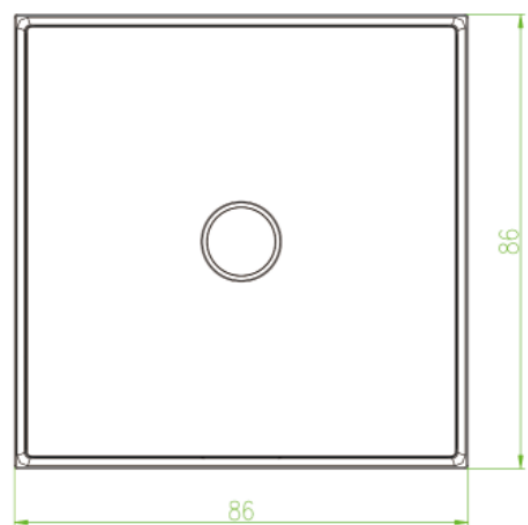
Inkslab Series 1 Port Telephone Wall Jack



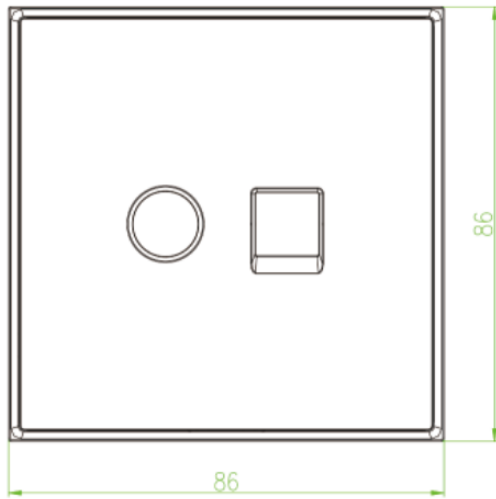
Inkslab Series 1 Port Ethernet Wall Outlet



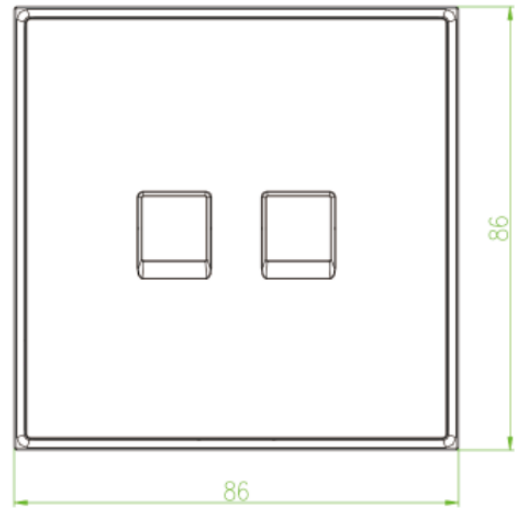
Inkslab Series 2 Port Ethernet Wall Outlet



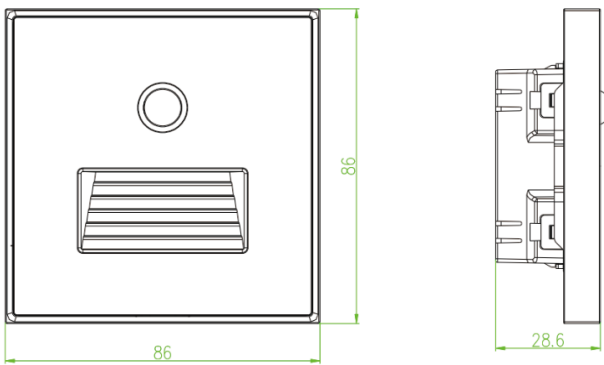
Inkslab Series 1 Port Cable TV Wall Outlet



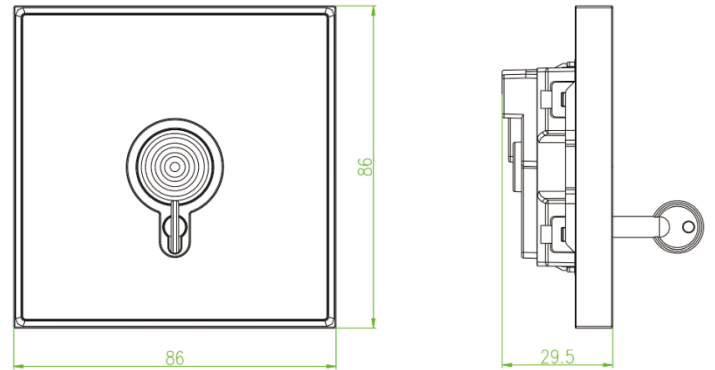
Inkslab Series TV and Ethernet Outlet



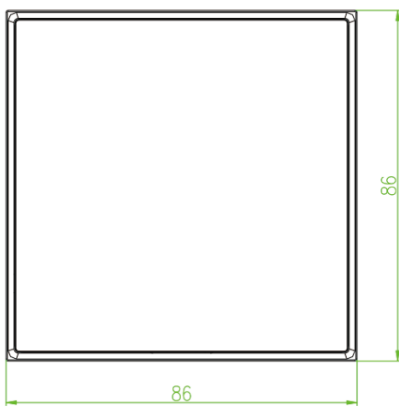
Inkslab Series TEL and Ethernet Outlet



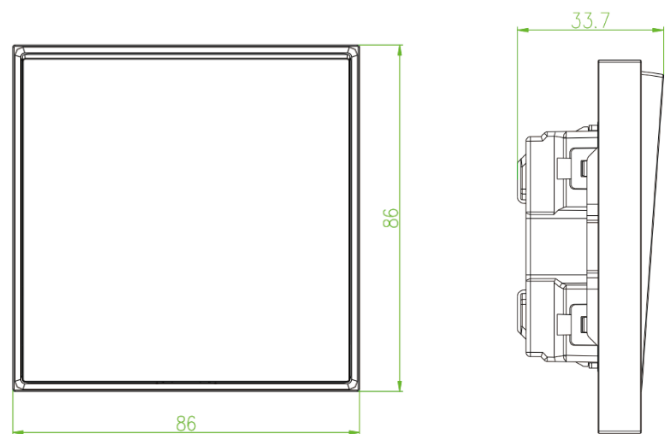
Inkslab Series Induction Floor Light Panel



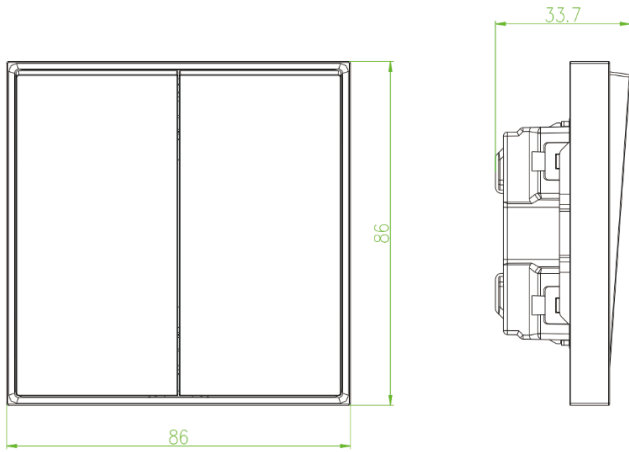
Inkslab Series Emergency Panel



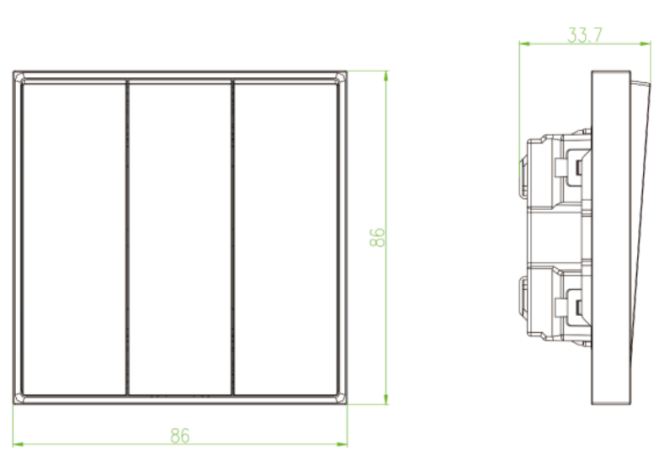
Inkslab Series Blank Panel



Inkslab Series 1 Button Rocker Switch



Inkslab Series 2 Button Rocker Switch



Inkslab Series 3 Button Rocker Switch

◆◆ Technical Data

1. Signal Panel

Item	Parameter
Product type	Coaxial F-head TV socket
Communication	Cat3, unshielded (telephone socket); Cat5e, unshielded (computer socket)
Wiring type	Tool-free wiring module, including protective door (telephone, computer socket)
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

2. Others

2.1 Inkslab Series Emergency Panel

Item	Parameter
Rated voltage	250V ~, 50/60Hz
Rated current	3A
Communication mode	Passive dry contact
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

2.2 Inkslab Series Button Rocker Switch

Item	Parameter
Rated voltage	250V ~, 50/60Hz
Maximum current	16A/CH
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

2.3 Inkslab Series Induction Floor Light Panel

Item	Parameter
Rated power	1W
Rated voltage	220V ~, 50Hz
Rated current	57mA
Color temperature	3000K
Illuminance	40-70LX
Delay time	60±10s
Working temperature	-5°C~45°C
Working relative humidity	≤90%RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%RH

◆◆ Specifications

Item	Parameter
Dimensions (W X H X D)	Length*Width: 86×86x10 (mm), without power interface
Housing material	PC
Installation	86 Type Wall box
IP degree (compliant with EN 60529)	IP20

◆◆ Safety Precaution

Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.

Warning:

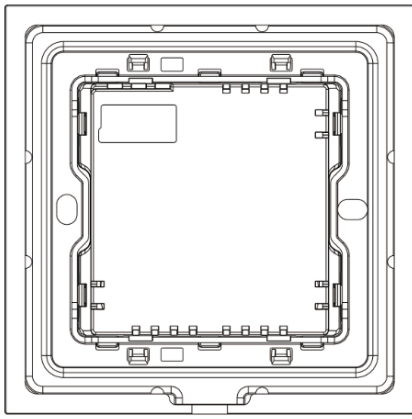
- The installation and testing for the product must be carried out by HDL Automation Co., Ltd. (hereinafter referred to as HDL) or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.
- HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this datasheet.
- Please contact HDL after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to the warranty.
- For permanently connected equipment, a double-pole switch that meets standard requirements should be installed in the electrical facilities of the building.

Caution:

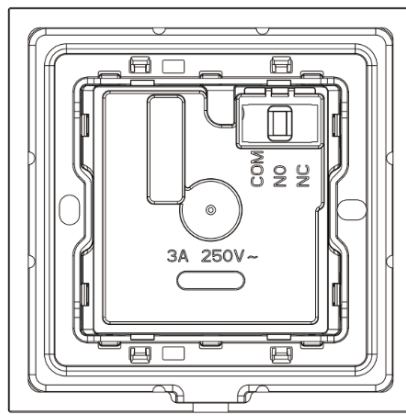
- Before performing any installation or disassembly procedures on the device, it is crucial to disconnect the device from all voltage sources. This step is necessary to ensure the safety of the technician and prevent any potential damage to the device.
- It is a MUST to install the device with wall box.
- To protect this device and loads, it is recommended that a 10A circuit breaker be connected to each channel.
- Do not use corrosive liquid to wipe the device body, especially the interface, so to avoid damage to the device. Do not wipe the device with a damp cloth.
- Before performing any maintenance or cleaning procedures on the device, it is imperative to disconnect the device from all voltage sources. This precautionary measure is necessary in order to prevent electric leakage and the risk of electric shock.

◆◆ Wiring

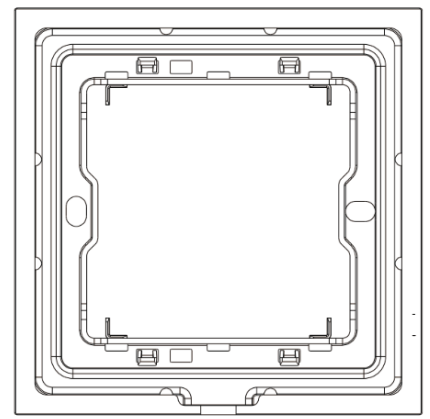
Please wire according to the markings on panel power interfaces:



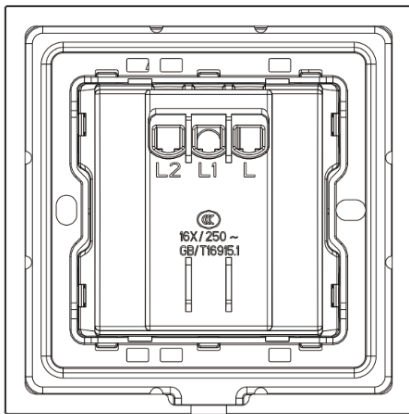
Inkslab Series Induction Floor Light Panel



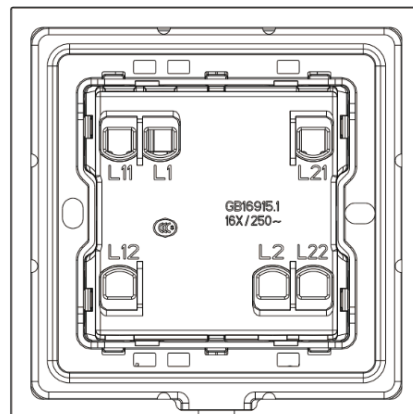
Inkslab Series Emergency Panel



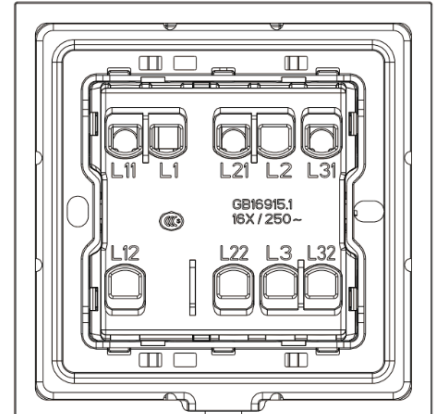
Inkslab Series Blank Panel



Inkslab Series 1 Button Rocker Switch



Inkslab Series 2 Button Rocker Switch



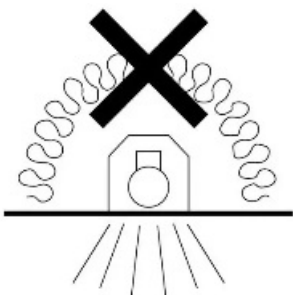
Inkslab Series 3 Button Rocker Switch

◆◆ Installation

Warning: Before installation, please cut off the power supply, it is strictly prohibited to operate with electricity.

Note:

- Before installation, if the bracket has not been separated from the panel assembly, please refer to the disassembly instructions.
- The following marking on **Inkslab Series Induction Floor Light Panel** indicates that the light should not be covered with insulation materials.



Step 1: Make an opening in the wall to mount the wall box into it.

Note: Before installation, please get the necessary cables ready in the wall box.

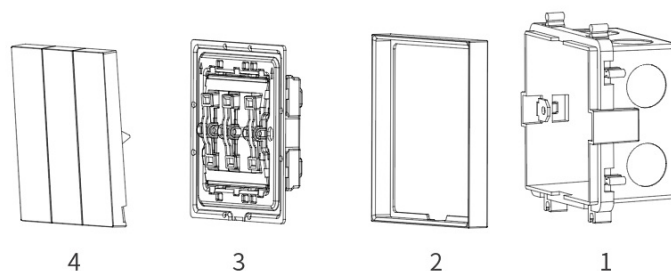
Step 2: Stick the frame onto the wall and align the opening to the wall box.

Step 3: Insert the power base into the frame, aim the screws on both sides of the base at the holes in the wall box, install them together and lock the screws.

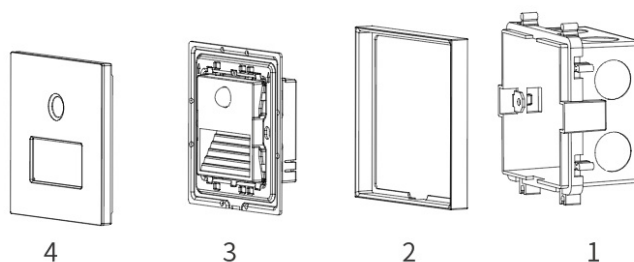
Note: Only 86 type wall box with depth \geq 50mm is supported.

Step 4: Align the panel pins with the base holes, press gently and install on the base.

1. Installation of high-current sockets

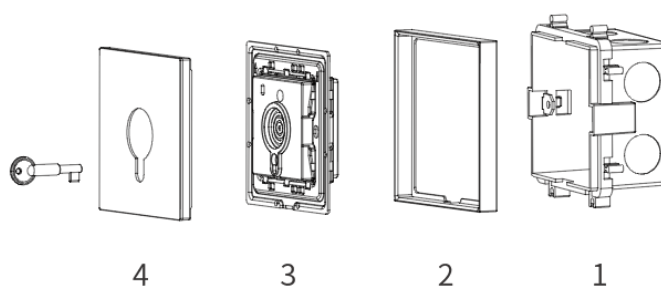


Installation of Inkslab Series Button Rocker Switch



Installation of Inkslab Series Induction Floor Light Panel

2. Installation of low-current sockets



Installation of Inkslab Series Emergency Panel

Multi-gang installation:

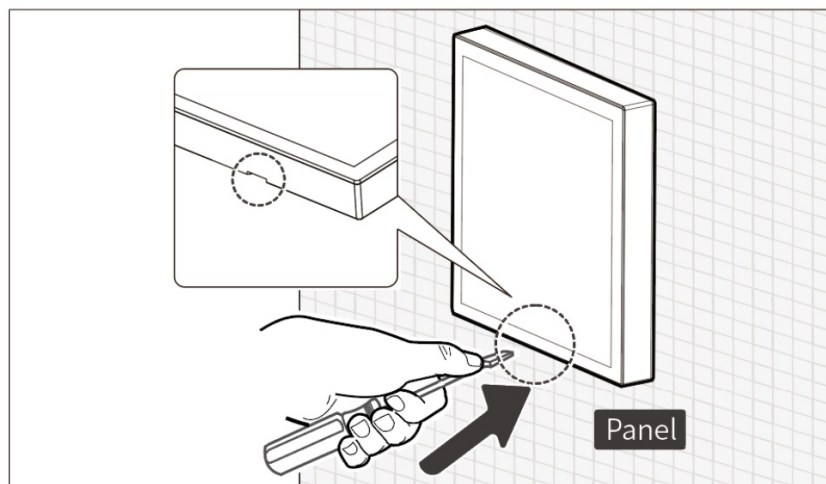
- Supports horizontal and vertical installation;
- Horizontal installation supports up to 4 rows;
- Vertical installation supports up to 4 columns.

◆◆ Disassembly

Warning: Before performing any disassembly procedures on the device, it is crucial to disconnect the device from all voltage sources. This step is necessary to ensure the safety of the technician and prevent any potential damage to the device.

Step 1. It is recommended to use a screwdriver to pry the panel open from the bottom.

Step 2. To remove the panel and power base, please refer to the section Installation and do it reversely.



◆◆ Packing List

- Panel * 1
- Instruction manual QR code card * 1
- M4 * 40mm long screws * 2
- M4 * 25mm short screws * 2
- Power interface bracket * 1 (Inkslab Series Blank Panel only)

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Update History:

The form below contains the information of every update. The latest version contains all the updates of all former versions.

Version	Update Information	Date
V1.0	Initial release	March 17, 2025

◆◆ Technical Support

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