

# Smart Panel 4 Inch



## Teralux Neo Panel 4 Inch Zigbee Gateway User Manual

CE RoHS REACH



### Teralux Office

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# Teralux Neo Panel 4 Inch Zigbee Gateway

Manage your entire smart home system remotely via the Tuya or Smart Life app—from lighting and curtains to air conditioning and other smart appliances. The panel supports visual doorbell integration, allowing you to monitor and respond to visitors directly from the screen. With customizable themes and automation scenarios, the interface can be tailored to fit your personal lifestyle.

## Features

The 4-inch smart touchscreen interface offers a smooth, responsive experience with a clean and modern layout, making it easy to navigate and control your smart home devices.

With its built-in Zigbee gateway, the Neo Panel 4 Mini functions as the central hub of your home automation system, allowing you to connect and manage up to 100 Zigbee-enabled devices without needing additional hardware.

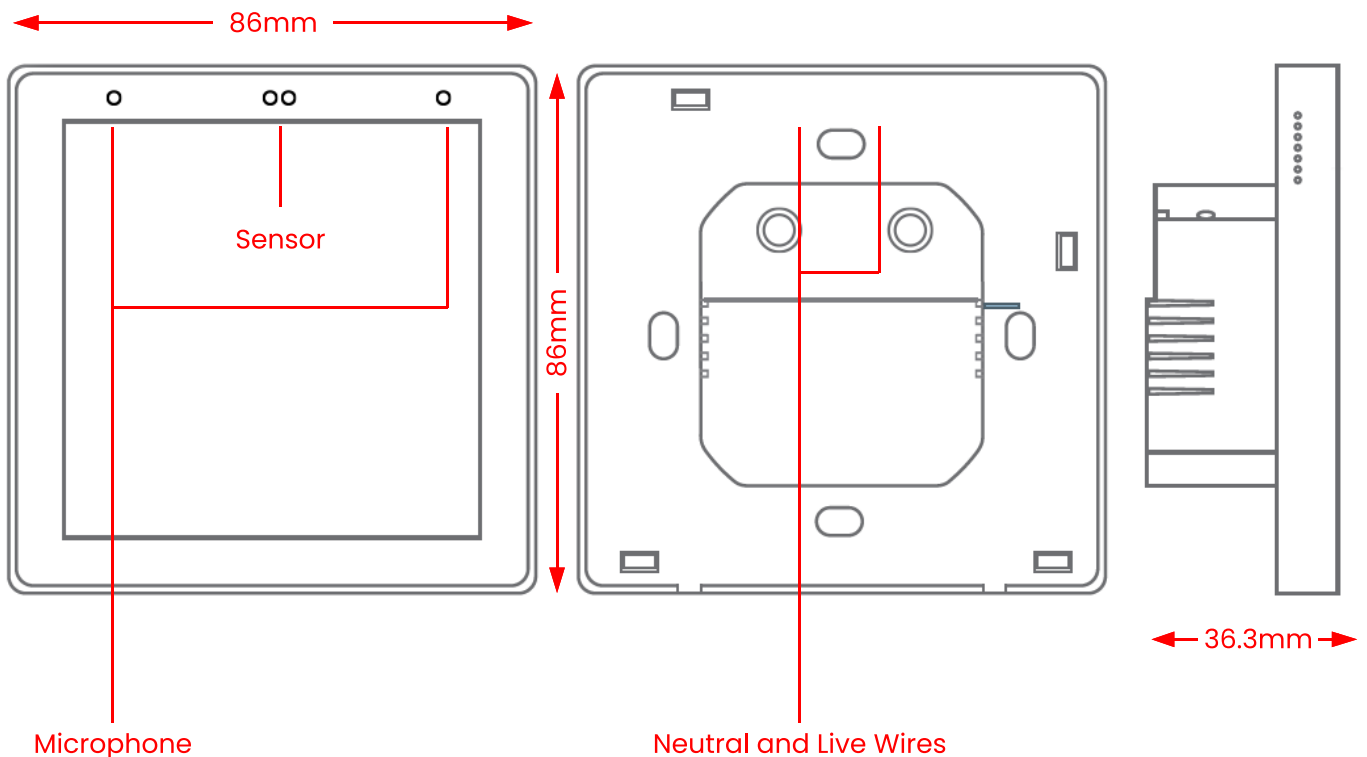
The integrated Alexa voice assistant provides hands-free convenience, enabling you to adjust lighting, curtains, air conditioning, and other smart appliances using simple voice commands.

Through the Tuya and Smart Life apps, you can remotely control your entire smart home ecosystem, set up automation routines, and access your devices from anywhere, ensuring seamless management even when you're away.

Designed with multi-protocol connectivity, the device supports both Zigbee and Wi-Fi, ensuring stable, flexible communication throughout your smart home network.

With broad universal smart device support, the panel brings together lighting, blinds, HVAC systems, and various appliances into one central and intuitive control hub.

## Mechanical Structure



## Technical Parameter

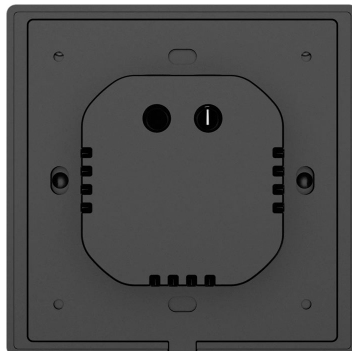
### Teralux Neo Panel 4 Inch Zigbee Gateway

Control smart devices effortlessly using voice commands. Easily link more than 100 devices. Interact with visitors directly through the panel. Adjust language preferences for worldwide compatibility.

#### Parameter

#### Specification

Product Type	Zigbee Protocol Gateway Smart Home
Chip Architecture	Quad-core ARM Cortex™-A35
Input Voltage	110V-250V
Main functions	Lighting, Smart Curtains, AC, ETC.
Language	Multi Language Support
Screen	4-inch smart touchscreen panel
Voice Control	Built-in Alexa
Supported Device	120+ Device
Wireless Protocol	Wi-Fi & Zigbee
Dimension	86x86x10 mm
Certification	<b>CE RoHS REACH</b>

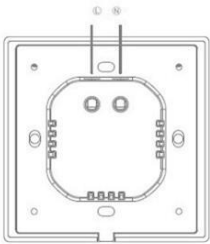


## Installation Guides

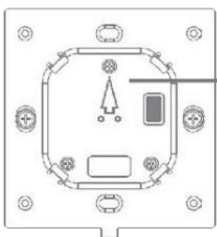
- First, you need to prepare a gateway that can support wirelessZigBee connection, and make sure that the gateway has been connected to the mobile APP and can work normally.
- The product is powered by the neutral wire and live wire, please well arrange neutral wire in advance.
- Please prepare your own tools such as screwdriver, electric tester, electrical tape and so on.
- To ensure electricity safety and wireless performance, please use plastic wall electrical box instead of the metallic.
- Please do not operate it under electricity.

### Safety Note:

This product must be installed by professional electricians to ensure safe and proper operation. Before beginning installation, turn off the main power in the electrical box and verify that the live wire is not active using a test pencil. During both installation and use, the device should be kept away from fire, water, and any other hazardous conditions that may cause damage. Additionally, this product is not suitable for use in moist environments such as bathrooms, and should only be installed in dry locations.

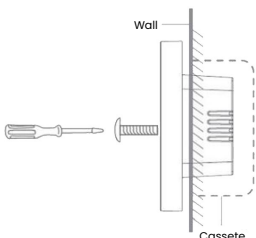


- Cut off the power and use a test pen to confirm that the live wire in the concealed box does not carry an electrical charge.
- Check the wire labels on the base of the smart multi-functional control panel. (L: live wire N: neutral wire)



Keep the panel in the direction indicated by the arrow.

- Separate the panel from the base and connect the wires to the base. Keep the panel in the direction indicated by the arrow, as shown on the left.

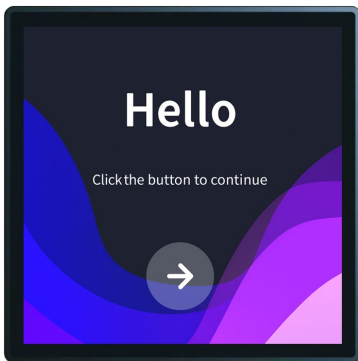


- Check the wiring to ensure that the copper wires have good contact with the terminals and that there are no bare wires.
- Use screws to fix the base in the concealed box and fasten the base to the panel.

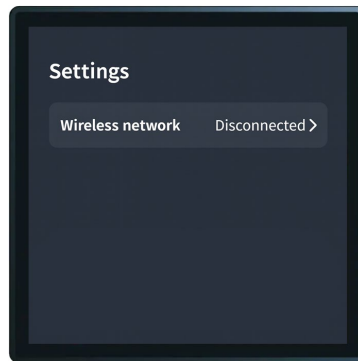
## System Diagram



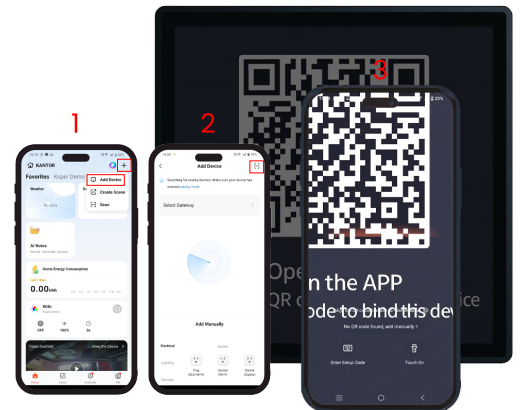
## Device Setup



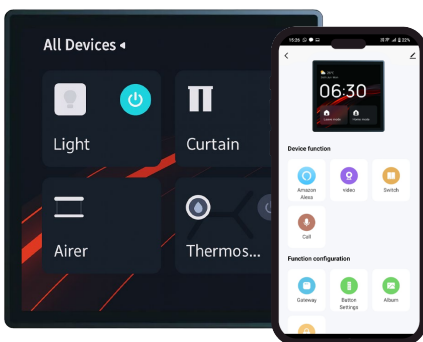
Turn On The Smart Panel



Connect to a Wi-Fi



Scan the QRCode Via Tuya App



Both devices are ready.  
Feel free to explore.

# Device Function

- Teralux Neo Panel 4 Inch Zigbee Gateway



Gateway



Door Bell



Temperature Control

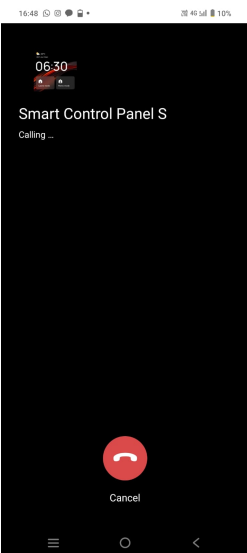


Curtain Control

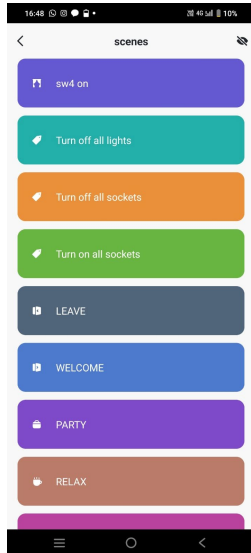


And Many More

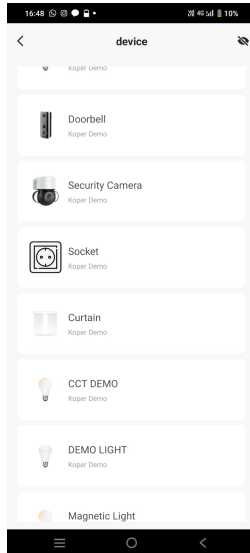
- Teralux Neo Panel 4 Inch Zigbee Gateway



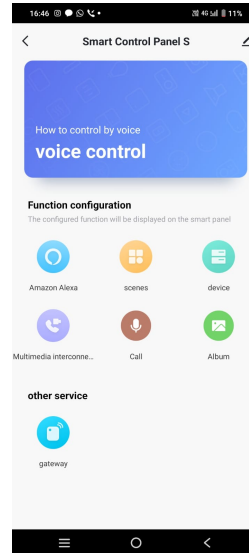
Direct Call to Smart Panel



Custom Scene



Available Zigbee Device



Customable Quick Menu



And Many More

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