HyPanel Plus

Datasheet

New hassle-free smart control panel for your home

The akubela HyPanel Plus, a smart control panel with an Android 12 operating system. The ALL IN ONE design integrates smart intercom, ZigBee gateway and home automation, and is compatible with plentiful ecosystem. Multi-modal interaction can be easily used by the whole family, offering the excellent smart home experience.

At a Glance

- **Excellent performance with Android 12 system**
- **4” multi-touch screen with energy saving mode**
- **2 touch buttons, suitable for the whole family**
- **1-gang dimmer, can be directly connected to dimming lights**
- **Smart intercom, ZigBee gateway, home automation ALL IN ONE**
- **Kinds of sensors built-in**



Basic Information

- Model Number: PS52V2-D1-US
- Power Supply: 100 ~ 250VAC, 50/60Hz
- Output: 1 gang, 400W total;

  200W/110V/gang for resistive;

  400W/220V/gang for resistive;

  150W/gang for LED/CFL;

  Wire Range: 0.5 ~ 2.5mm² (24 ~ 12AWG)
- Power Meter: Supported
- Operation System: Android 12
- RAM/ROM: 2GB/8GB
- Wi-Fi: WiFi 6, IEEE 802.11a/b/g/n/ac/ax
- Bluetooth: Bluetooth 5.4
- Ethernet Port: 1×RJ45, 10/100Mbps adaptive
- ZigBee: ZigBee 3.0
- ZigBee Sub-Device Limit: 128
- Microphone: Dual microphones, -26dBFS
- Speaker: Single speaker, 8Ω/1.5W

Appearance

- Material: Metal
- Button: 2 touch buttons
- Screen: 4” multi-touch screen
- Screen Resolution: 480×480 pixels
- Screen Brightness: 210 cd/㎡

Sensors Built In

- Proximity Sensor: 30 ~ 60cm
- Light Sensor: Low-level lux detection
- Temperature Sensor: ±1℃, range: -10℃ ~ 55℃
- Humidity Sensor: ±5%, range: 10% ~ 90%RH, without condensation

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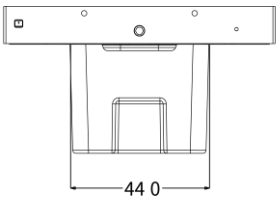
Working Environment

- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: -10℃ ~ 55℃
- Storage Temperature: -30℃ ~ 70℃
- IP Rating: IP20

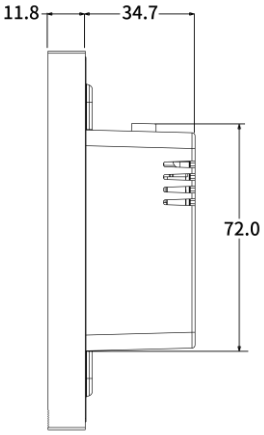
Installation

- Installation: Wall flush mounting
- Flush Mounted Module: US standard
- Wiring Way: L- + N- + Ground wire required

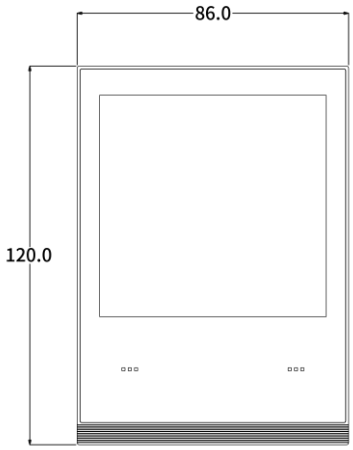
Product Dimension Diagram (mm)



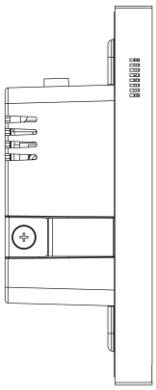
5 BOTTOM VIEW



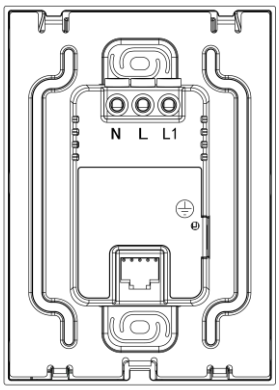
2 RIGHT VIEW



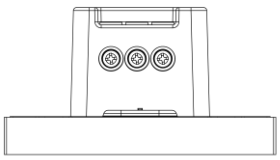
1 FRONT VIEW



3 LEFT VIEW



4 BACK VIEW



6 TOP VIEW

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