## 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 relay, can connected to lights directly

- Smart intercom, ZigBee gateway, home automation ALL IN ONE

- Kinds of sensors built-in

## Basic Information

- Model Number: PS52N-R1-US

- Power Supply: 100 ~ 250VAC, 50/60Hz

- Built-in Relay Capacity: 16A

- Output: 1 gang, 800W total;

  800W/220V/gang for resistive;

  400W/110V/gang for resistive;

  400W/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: WiFi6, 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: V0 fireproof PC

- Button: 2 touch button

- Screen: 4" multi-touch screen

- Screen Resolution: 480×480 pixels

- Screen Brightness: 210 cd/m²

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## Sensors Built In

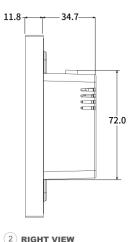- Proximity Sensor: 30 ~ 60cm

- Light Sensor: Low-level lux detection

- Temperature Sensor:  ±1℃, range: -10℃  ~ 55℃

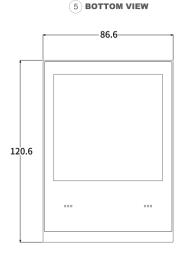- Humidity Sensor:  ±5%, range: 10% ~ 90%RH, without condensation
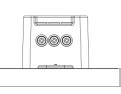
## Working Environment

- 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)

44.0

⑤ BOTTOM VIEW

11.8   34.7

72.0

② RIGHT VIEW

86.6

120.6

① FRONT VIEW

③ LEFT VIEW

N   L   L1

④ BACK VIEW

⑥ TOP VIEW