

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;
- 2-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-R2-EU
- Power Supply: 180 ~ 260VAC, 50Hz
- Built-in Relay Capacity: 16A
- Output: 2 gang, 1200W total;
 - 800W/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, -42dBV
- Speaker: Single speaker, 8Ω/1.5W

Appearance

- Material: Plastic
- Button: 2 touch button
- Screen: 4" multi-touch screen
- Screen Resolution: 480×480 pixels
- Screen Brightness: 210 cd/m²

Sensors Built In

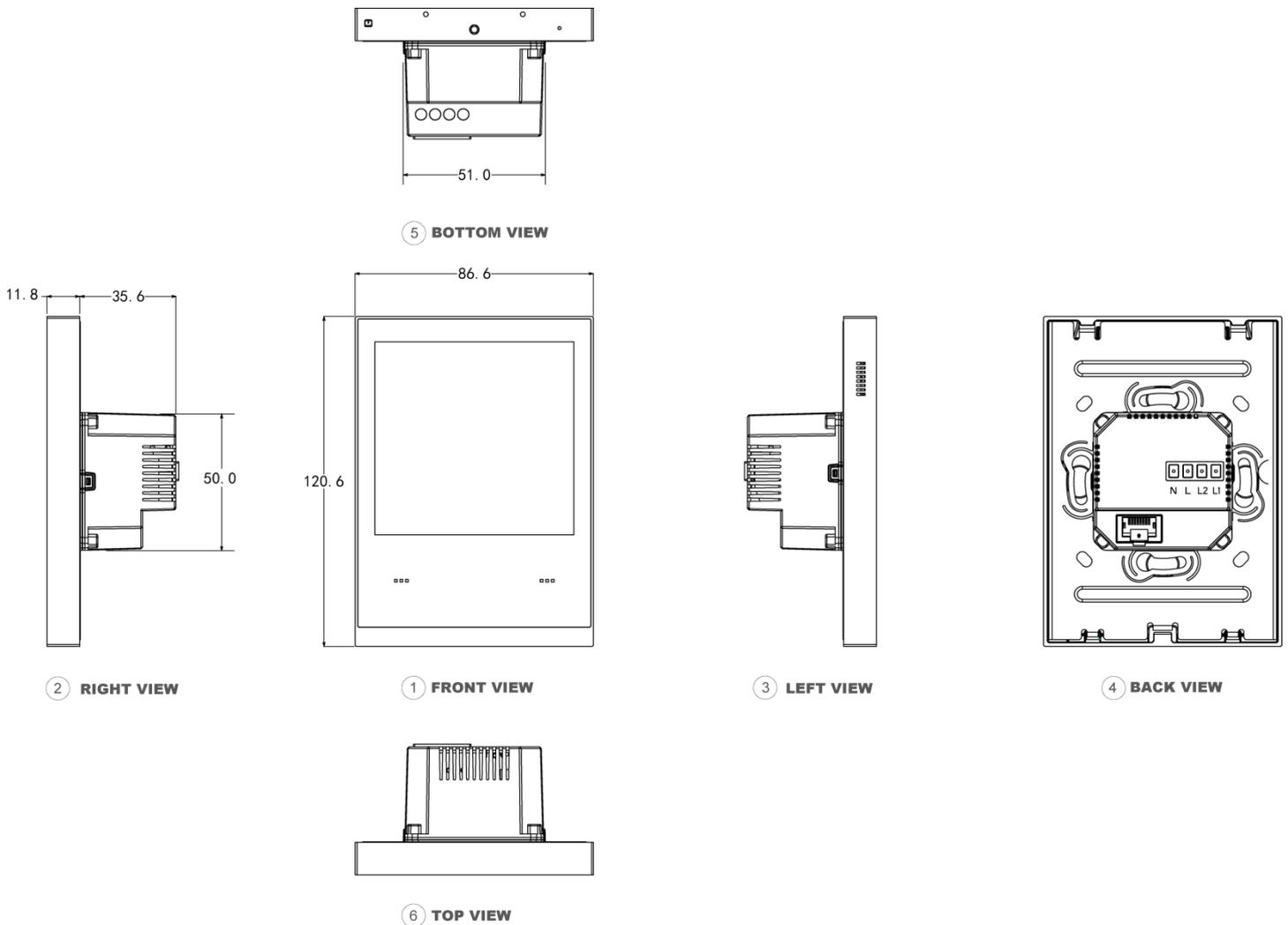
- Proximity Sensor: 30~60cm
- Light Sensor: Low-level lux detection

- Temperature Sensor: $\pm 1^{\circ}\text{C}$, range: $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$
- Humidity Sensor: $\pm 5\%$, range: $10\% \sim 90\%RH$, without condensation

Working Environment

- Environment: For indoor use only
- Working Humidity: $10\% \sim 90\%RH$, without condensation

Product Dimension Diagram (mm)



- Working Temperature: $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$
- Storage Temperature: $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- IP Rating: IP20

Installation

- Installation: Wall flush mounting
- Flush Mounted Module: EU/UK standard
- Wiring Way: L- + N- wire required