

New hassle-free smart control panel for your home

The akubela HyPanel, a smart control panel with an Android 10 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 10 system;
- 4" multi-touch screen with energy saving mode;
- 2-gang switch, replace conventional switch.
- Smart intercom, ZigBee gateway, home automation ALL IN ONE;
- Kinds of sensors built-in;
- EU standard flush mounted box;



Basic Information

- Model Number: PS51-R2-EU
- Power Supply: 180~260VAC, 50Hz
- Operation System: Android 10
- RAM/ROM: 1GB/8GB
- Wi-Fi: IEEE802.11 b/g/n, @2.4GHz/5GHz
- Bluetooth: Bluetooth 4.2
- Ethernet ports: 1xRJ45, 10/100Mbps adaptive
- ZigBee: ZigBee 3.0
- Output: 2-gang, 1200W total;
 - 800W/gang for resistive;
 - 400W/gang for LED/CFL

- Microphone: Dual microphone, -42dBV
- Speaker: Single speakers, 8Ω/1.5W

Appearance

- Material: V0 fireproof PC
- Screen: 4" multi-touch screen
- Screen Resolution: 480x480 pixels
- Screen Brightness: 210 cd/m²

Sensors Built In

- Proximity Sensor: 30~60cm
- Light Sensor: Low-level lux detection
- Temperature Sensor: ±1°C, range: -10°C~55°C
- 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°C~+55°C
- Storage Temperature: -20°C~+65°C

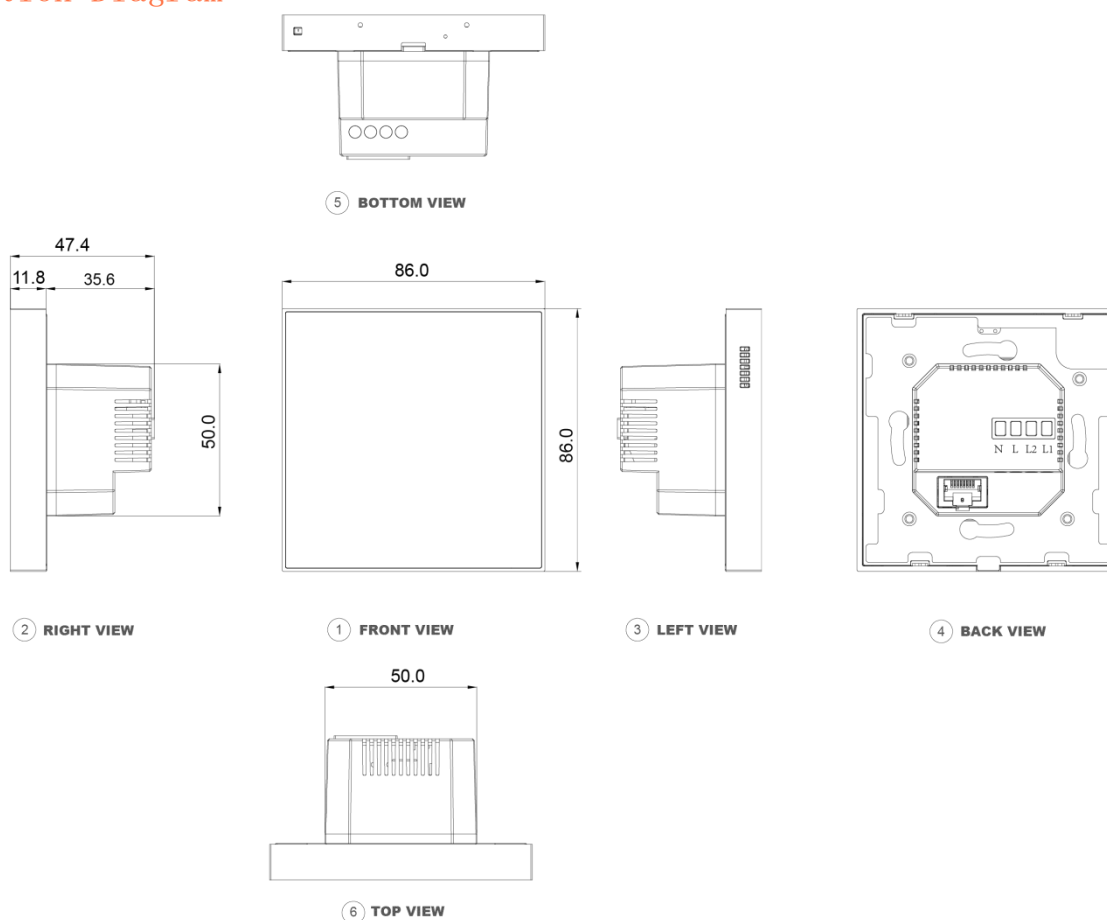
Application Scenario

- Villas
- Apartment complexes
- Home automation systems
- Modern interiors

Installation

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

Installation Diagram



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A 50mm(2 inches) deep electrical box is highly recommended for ease of installation. In some scenarios, especially when the wires can be pushed back into the wall far enough, it may be possible to use a 40mm (1.6 inches) deep box.

