HyPanel

Datasheet

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 ~ 250VAC, 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 10
- RAM/ROM: 1GB/8GB
- Wi-Fi: IEEE802.11 b/g/n, @2.4GHz/5GHz
- Bluetooth: Bluetooth 4.2
- 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: V0 fireproof PC
- 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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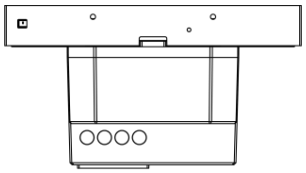
Working Environment

- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: -10℃ ~ 55℃
- Storage Temperature: -20℃ ~ 65℃
- IP Rating: IP20

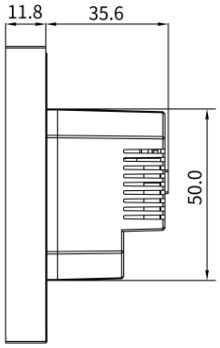
Installation

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

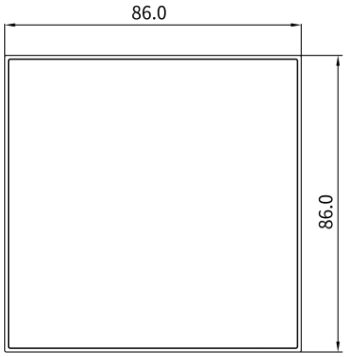
Product Dimension Diagram (mm)



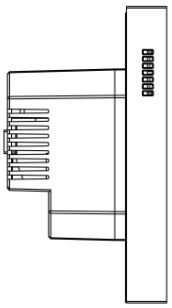
⑤ BOTTOM VIEW



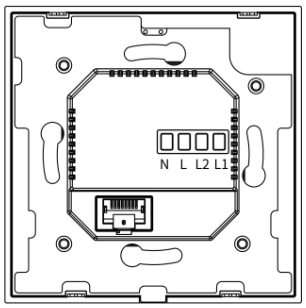
② RIGHT VIEW



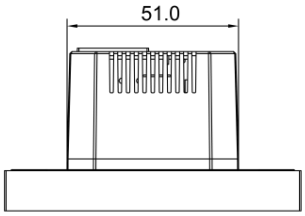
① FRONT VIEW



③ LEFT VIEW



④ BACK VIEW



⑥ TOP VIEW

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