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 ecosystems. 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
- Smart intercom, ZigBee gateway, home automation ALL IN ONE
- Kinds of sensors built-in
- Support RS485

Basic Information

- Model Number: PS51-PoE-EU
- Power Supply: IEEE802.3af PoE & 12 - 24VDC
- Maximum Power Consumption: 5W
- 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
- RS485 Port: Supported
- 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

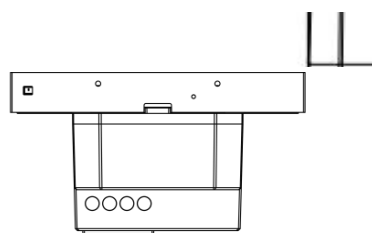- Proximity Sensor: 30 ~ 60cm
- Light Sensor: Low-level lux detection
- Temperature Sensor: ±1℃, range: -10℃ ~ 55℃
- Humidity Sensor: ±5%, range: 10% ~ 90%RH, without condensation
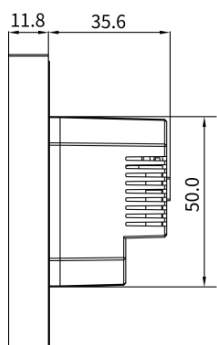
HyPanel

Working Environment

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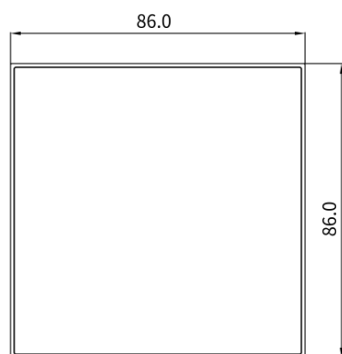- Storage Temperature: -20℃ ~ 65℃
- IP Rating: IP20

Installation

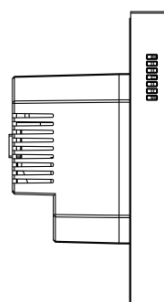- Installation: Wall flush mounting
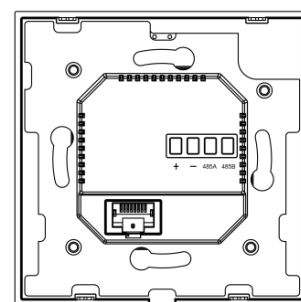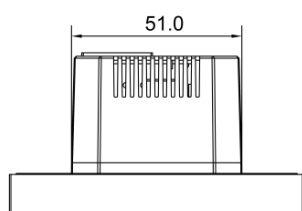- Flush Mounted Module: EU/UK standard

⑤ **BOTTOM VIEW**

② **RIGHT VIEW**

① **FRONT VIEW**

③ **LEFT VIEW**

④ **BACK VIEW**

⑥ **TOP VIEW**

11.8 35.6 50.0 86.0 86.0 51.0