

New hassle-free smart control panel for your home

The akubela HyPanel Lite 6, a smart home center panel with a Linux 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

- Linux-based platform for stable and reliable smart home deployment
- 4" multi-touch screen with energy saving mode
- 2 touch buttons, suitable for the whole family
- Smart intercom, ZigBee gateway, home automation ALL IN ONE
- IR Controller and Kinds of sensors built-in
- Supported EU/US standard flush mounted box;



Basic Information

- Model Number: PS46-FANCOIL-EU
- Power Supply: 100 ~ 240VAC, 50/60Hz
- Built-in Relay Capacity of Fan: 5A
- Built-in Relay Capacity of Valve: 6A
- Output: 5 relays with resistive load up to 5 A, with inductive load up to 3 A each ;
 - 2 relays for cooling and heating valves ;
 - 3 relays for fan speed;
- Wire Range: 0.5 ~ 1.5mm² (22 ~ 14AWG)
- Operation System: Linux
- DDR/Flash: 128MB/256MB
- Wi-Fi: IEEE 802.11 b/g/n/ax, @2.4GHz
- ZigBee: ZigBee 3.0
- ZigBee Sub-Device Limit: 32
- IR Control Coverage: Horizontal 90°, vertical 90°, 6m
- RS485 Port: Supported
- NTC Measurement Range: -30°C ~ 80°C
 - Accuracy: ±0.5°C
- Microphone: Dual microphone, -26dBFS
- Speaker: Single speaker, 8Ω/1.5W

Appearance

- Material: V0 fireproof PC
- Button: 2 touch button
- Screen: 4" multi-touch screen
- Screen Resolution: 480x480 pixels
- Screen Brightness: 210 cd/m²



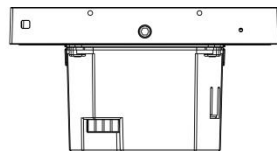
Sensors Built In

- Proximity Sensor: 30 ~ 60cm
- Light Sensor: Low-level lux detection
- Temperature Sensor: $\pm 1^{\circ}\text{C}$, range: -10°C ~ 55°C
- Humidity Sensor: $\pm 5\%$, range: 10% ~ 90%RH, without condensation

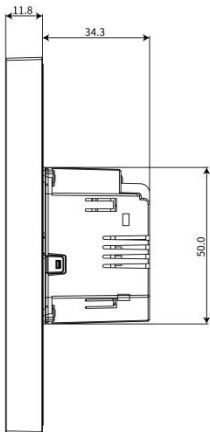
Installation

- Installation: Wall flush mounting

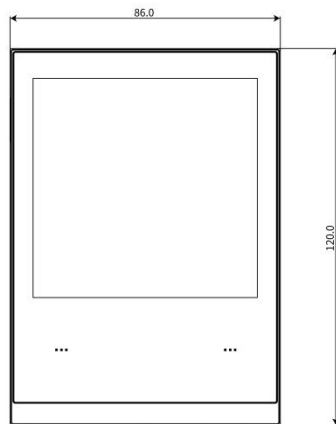
Product Dimension Diagram (mm)



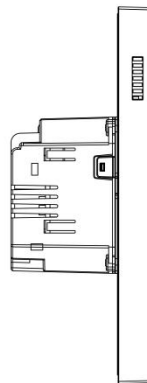
⑤ BOTTOM VIEW



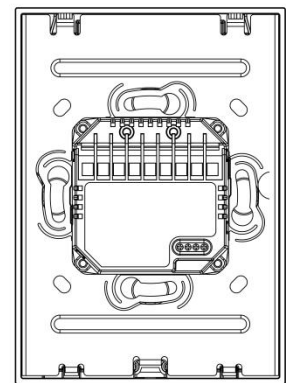
② RIGHT VIEW



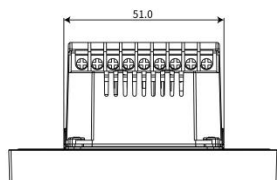
① FRONT VIEW



③ LEFT VIEW



④ BACK VIEW



⑥ TOP VIEW

Working Environment

- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: -10°C ~ $+55^{\circ}\text{C}$
- Storage Temperature: -30°C ~ $+70^{\circ}\text{C}$
- IP Rating: IP20