

*New hassle-free smart control panel for your home*

The akubela HyPanel FANCOIL version, a smart fancoil thermostat control panel with an Android 10 operating system. The ALL IN ONE design integrates smart intercom, ZigBee gateway, Thermostat, and home automation, and it 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
- Support fancoil thermostat control
- Smart intercom, ZigBee gateway, home automation ALL IN ONE
- Kinds of sensors built-in
- EU standard flush mounted box



## Basic Information

- Model Number: PS51-FANCOIL-EU
- Power Supply: 90 ~ 250VAC, 50/60Hz
- Built-in Relay Capacity of Fan: 5A
- Built-in Relay Capacity of Valve: 6A
- Output: 5 relays with resistive load up to 5A, with inductive load up to 3A each;
  - 2 relays for cooling and heating valves;
  - 3 relays for fan speed;
  - Wire Range: 0.5 ~ 1.5mm<sup>2</sup> (22 ~ 14AWG)
- Operation System: Android 10
- RAM/ROM: 1GB/8GB
- Wi-Fi: IEEE802.11 b/g/n, @2.4GHz/5GHz
- Bluetooth: Bluetooth 4.2
- ZigBee: ZigBee 3.0
- ZigBee Sub-Device Limit: 128
- RS485 Port: Supported
- NTC Measurement Range: -30°C ~ 80°C
  - Accuracy: ±0.5°C
- 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/m<sup>2</sup>

## Sensors Built In

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

## Working Environment

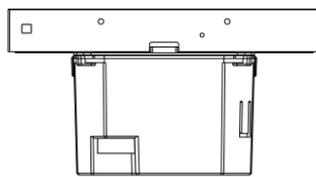
- Environment: For indoor use only

- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature:  $-10^{\circ}\text{C}$  ~  $55^{\circ}\text{C}$
- Storage Temperature:  $-20^{\circ}\text{C}$  ~  $65^{\circ}\text{C}$
- IP Rating: IP20

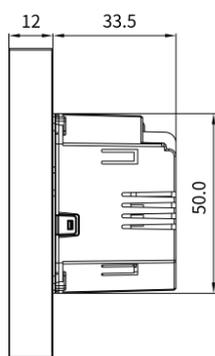
## Installation

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

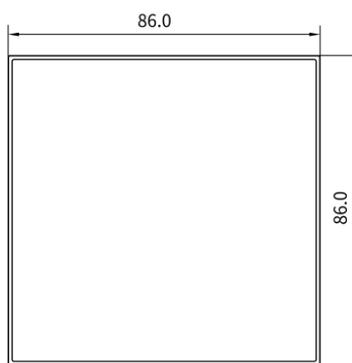
## Product Dimension Diagram (mm)



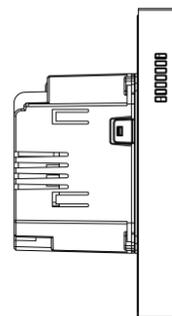
⑤ BOTTOM VIEW



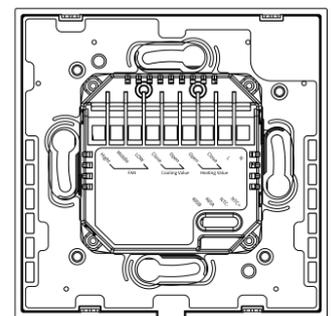
② RIGHT VIEW



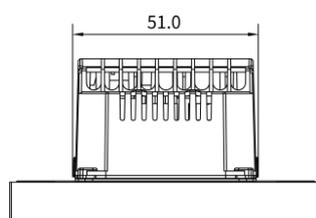
① FRONT VIEW



③ LEFT VIEW



④ BACK VIEW



⑥ TOP VIEW