HyPanel Supreme

New hassle-free smart control panel for your home

The akubela HyPanel Supreme, a 12.35-inch smart home control center featuring a high-definition 2560 × 1600 resolution screen with ultra-slim bezels. Its minimalist metal exterior seamlessly integrates high-end aesthetics, delivering a visually stunning experience. Powered by Android 12, it supports various smart home control apps and achieves seamless integration between third-party apps and the original interface. It also boasts built-in sensors for temperature, humidity, gesture recognition, light, enhancing data collection and analysis capabilities. It is designed to bring whole-house smart automation, providing an outstanding user experience.

At a Glance

- 12.35 inch touchscreen with metal frame

- 2.5K(2560×1600) UHD display

- Built in with 6 gang relays, 8 channels digital input, RS485

- Multi networks supported: Wi-Fi 6, Bluetooth 5.0, ZigBee 3.0, etc.

- Built in with multiple sensors

- Android 12 OS

- Intercom, ZigBee gateway and smart home control panel in one device

- Compatible with various third-party devices and platforms

Basic Information

- Model Number: PHX1-ST

- Power Supply: 12~24VDC

- I/O: 0~5VDC digital input x8

    3A 100~240VAC/gang relay x4

    2A 0~30VDC relay x2

- RS485 Port: Support

- Operation System: Android 12

- RAM/ROM: 4GB/32GB

- Wi-Fi: WiFi6, @2.4GHz/5GHz

- Bluetooth: Bluetooth 5.0

- Ethernet Port: 1xRJ45, 10/100Mbps adaptive

- ZigBee: ZigBee 3.0

- Microphone: Dual microphones

- Speaker: Dual speakers

- Camera: 5-megapixel camera with privacy shutter

Appearance

- Material: Metal frame

- Screen: 12.35" multi-touch screen

- Screen Resolution: 2560×1600 pixels

- Screen Brightness: 400 cd/㎡

Sensors Built In

- Gesture Recognition Sensor: Support

- Proximity Sensor: 30~100cm

- Light Sensor: Low-level lux detection

- Temperature Sensor: ±1℃, range: -10℃~50℃
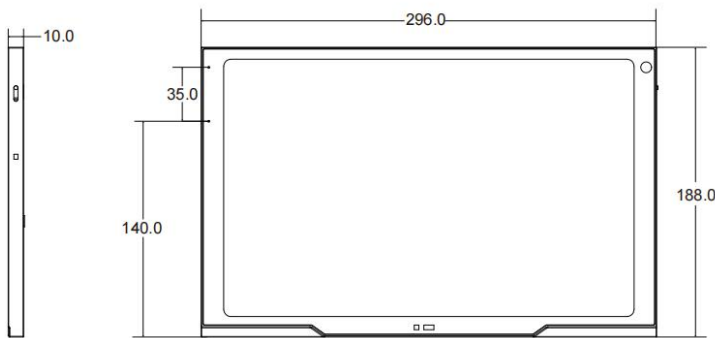
- Humidity Sensor: ±5%, range: 10%~90%RH, without condensation

Working Environment

- Environment: For indoor use only

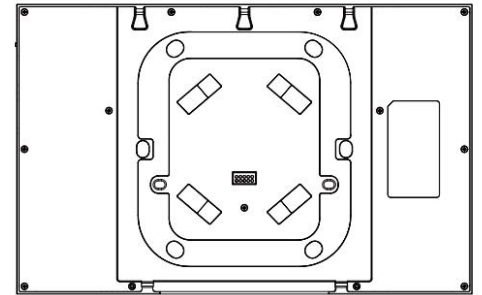- Working Humidity: 10%~90%RH, without condensation

- Working Temperature: -10℃~50℃

- Storage Temperature: -20℃~70℃

Installation

- Installation: Wall flush mounting

- Flush Mounted Module: EU/UK/US standard

Application Scenario

- Villas

- Apartment complexes

- Home automation systems

- Modern interiors

Product Dimension Diagram (mm)

⑤ BOTTOM VIEW

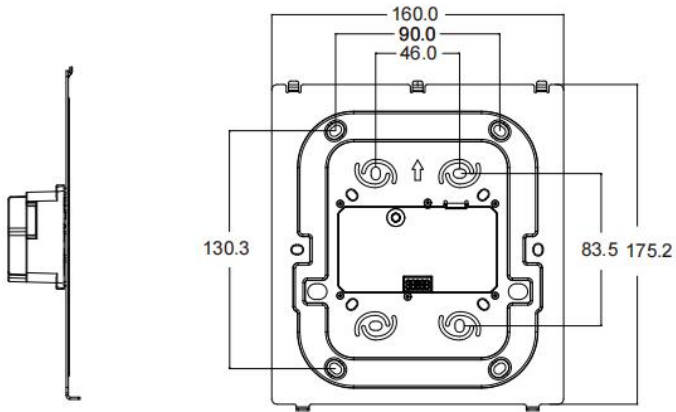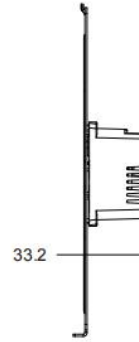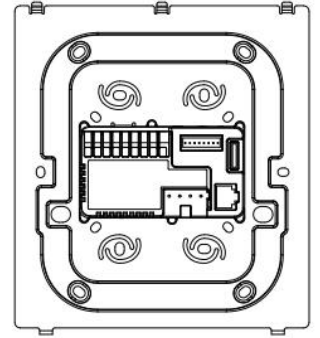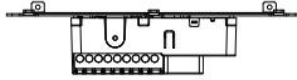② RIGHT VIEW　　　① FRONT VIEW　　　③ LEFT VIEW　　　④ BACK VIEW

⑥ TOP VIEW

akubela

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(5) **BOTTOM VIEW**

160.0
90.0
46.0

130.3

83.5 175.2
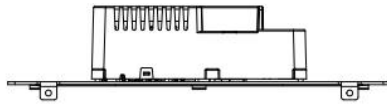
(3) **LEFT VIEW**

(1) **FRONT VIEW**

33.2

(2) **RIGHT VIEW**

(4) **BACK VIEW**

(6) **TOP VIEW**