

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 channels dry contact, 8 digital inputs, RS485 port
- 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
- Digital Input: 8 gang(dry contact input)
0-5VDC, rated current: <100mA
- Dry Contact Output:
4 gang, 100 ~ 240VAC, rated current: 3A
Wire Range: 1.5 ~ 2.5mm²(15 ~ 13AWG)
2 gang, 0-30VDC, rated current: 2A
Wire gauge: 0.08 ~ 0.5mm²(28 ~ 20AWG)
- RS485 Port: Supported
- 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
- ZigBee Sub-Device Limit: 128
- Microphone: Dual microphones, -26dBFS
- Speaker: Dual speakers, 4Ω/2W
- 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/m²

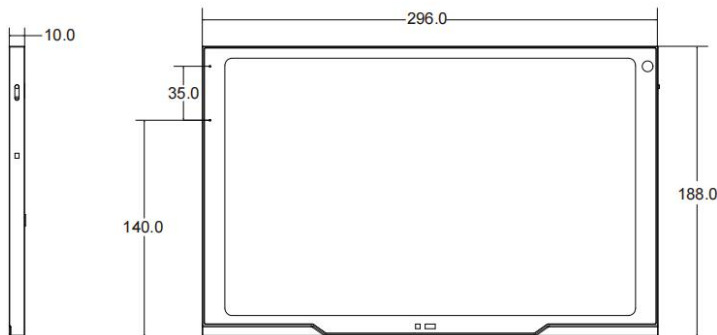
Sensors Built In

- Gesture Recognition Sensor: Support
- Proximity Sensor: 30~100cm
- Light Sensor: Low-level lux detection
- Temperature Sensor: $\pm 1^{\circ}\text{C}$, range: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Humidity Sensor: $\pm 5\%$, range: 10% ~ 90%RH, without condensation

Product Dimension Diagram (mm)



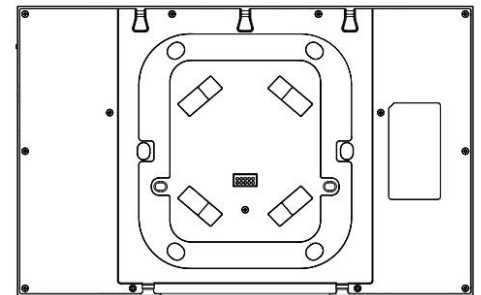
⑤ BOTTOM VIEW



① FRONT VIEW



③ LEFT VIEW



④ BACK VIEW



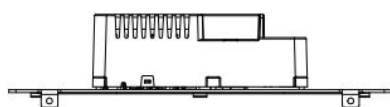
⑥ TOP VIEW

Working Environment

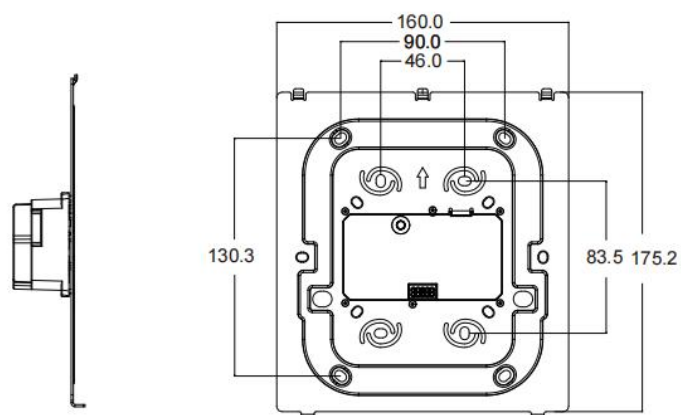
- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Storage Temperature: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- IP Rating: IP20

Installation

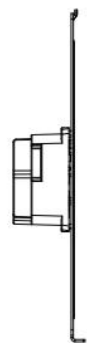
- Installation: Wall flush mounting
- Flush Mounted Module: EU/UK/US standard



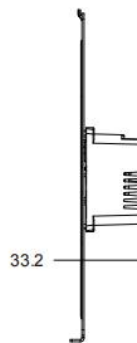
⑤ BOTTOM VIEW



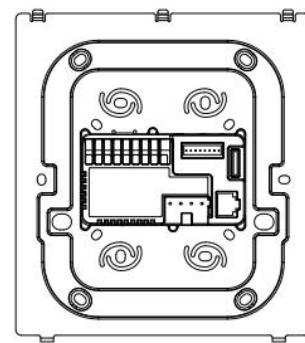
① FRONT VIEW



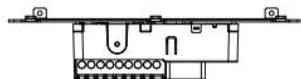
③ LEFT VIEW



② RIGHT VIEW



④ BACK VIEW



⑥ TOP VIEW