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 2 channels dry contact, 1 digital input
- 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-KNX-EU

KNX Power Supply: 21-30VDC

Rated Current: 12mA/21V

AUX Power Supply: 21-30VDC

Rated Current: 750mA/24V, 600mA/30V

• Rated power: 18W

• Digital Input: 1 gang, 0-5VDC

• Dry Contact Output: 2 gang, 100 ~ 240VAC

Rated Current: 4A

• Wire Range: 0.75 ~ 1.6mm²(18 ~ 15AWG)

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



HyPanel Supreme

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

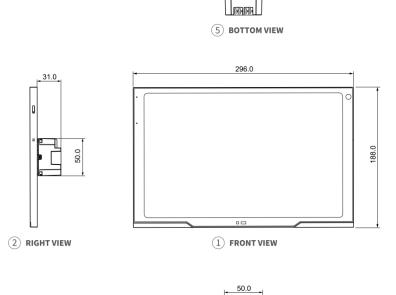
• Proximity Sensor: 30~100cm

• Light Sensor: Low-level lux detection

• Temperature Sensor: ±1°C, range: -10°C ~ 50°C

Humidity Sensor: ±5%, range: 10% ~ 90%RH,
without condensation

Product Dimension Diagram (mm)



10000001

(6) TOP VIEW

Working Environment

• Environment: For indoor use only

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

Working Temperature: -10°C ~ 50°C

• Storage Temperature: -20°C ~ 70°C

• IP Rating: IP20

Installation

• Installation: Wall flush mounting

• Flush Mounted Module: EU/UK standard

