

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

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| • Model Number: PHX1-KNX-EU | • Operation System: Android 12 |
| • KNX Power Supply: 21-30VDC
Rated Current: 12mA/21V | • RAM/ROM: 4GB/32GB |
| • AUX Power Supply: 21-30VDC
Rated Current: 750mA/24V, 600mA/30V | • Wi-Fi: WiFi6, @2.4GHz/5GHz |
| • Rated power: 18W | • Bluetooth: Bluetooth 5.0 |
| • Digital Input: 1 gang, 0-5VDC | • Ethernet Port: 1xRJ45, 10/100Mbps adaptive |
| • Dry Contact Output: 2 gang, 100 ~ 240VAC
Rated Current: 4A | • ZigBee: ZigBee 3.0 |
| • Wire Range: 0.75 ~ 1.6mm ² (18 ~ 15AWG) | • 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

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 standard

Product Dimension Diagram (mm)

