

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

The akubela HyPanel Plus, a smart control panel with an Android 12 operating system. The ALL IN ONE design integrates smart intercom, ZigBee gateway and home automation, and 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 12 system
- 4" multi-touch screen with energy saving mode
- 2 touch buttons, suitable for the whole family
- Smart intercom, ZigBee gateway, home automation ALL IN ONE
- Kinds of sensors built-in
- Support RS485



## Basic Information

- Model Number: PS52N-PoE-US
- Power Supply: IEEE802.3af PoE & 12 - 24VDC
- Operation System: Android 12
- RAM/ROM: 2GB/8GB
- Wi-Fi: WiFi 6, IEEE 802.11a/b/g/n/ac/ax
- Bluetooth: Bluetooth 5.4
- Ethernet Port: 1×RJ45, 10/100Mbps adaptive
- ZigBee: ZigBee 3.0
- ZigBee Sub-Device Limit: 128
- RS485 Port: Supported
- Microphone: Dual microphones, -26dBFS
- Speaker: Single speaker, 8Ω/1.5W

## Appearance

- Material: V0 fireproof PC
- Button: 2 touch buttons
- 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: ±1°C, range: -10°C ~ 55°C
- 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°C ~ 55°C
- Storage Temperature: -30°C ~ 70°C
- IP Rating: IP20

## Installation

- Installation: Wall flush mounting
- Flush Mounted Module: US standard

## Product Dimension Diagram (mm)

