HyPanel Plus Datasheet

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, $8\Omega/1.5W$

Appearance

Material: V0 fireproof PC

• Button: 2 touch buttons

• Screen: 4" multi-touch screen

• Screen Resolution: 480×480 pixels

• Screen Brightness: 210 cd/mื

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



HyPanel Plus Datasheet

Working Environment

• Environment: For indoor use only

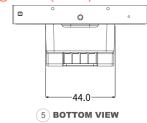
 Working Humidity: 10% ~ 90%RH, without condensation

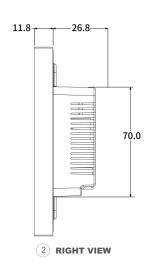
• Working Temperature: -10° C $\sim 55^{\circ}$ C

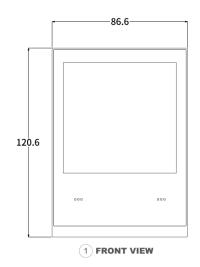
• Storage Temperature: -30°C ~ 70°C

• IP Rating: IP20

Product Dimension Diagram (mm)









Installation

• Installation: Wall flush mounting

• Flush Mounted Module: US standard

