HyPanel KeyPlus

Datasheet

New hassle-free smart control panel for your home

The akubela HyPanel KeyPlus, a smart control panel with an Android 13 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 13 system**
- **4” multi-touch screen with energy saving mode**
- **6 touch buttons, suitable for the whole family**
- **Built in with a 2-gang switch and a digital input port**
- **Smart intercom, ZigBee gateway, home automation ALL IN ONE**
- **EU standard flush mounted box**

Basic Information

- Model Number: KS53-KNX-EU
- KNX Power Supply: 21 ~ 30VDC
  Rated Current: 12mA/21V
- AUX Power Supply: 21 ~ 30VDC
  Rated Current: 210mA/24V, 170mA/30V
- Maximum Power Consumption: 5W
- 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 13
- RAM/ROM: 2GB/8GB
- Wi-Fi: WiFi6, IEEE 802.11a/b/g/n/ac/ax
- Bluetooth: Bluetooth 5.3
- Ethernet Port: 1×RJ45, 10/100Mbps adaptive
- ZigBee: ZigBee 3.0
- ZigBee Sub-Device Limit: 128
- Microphone: Dual microphones, -26dBFS
- Speaker: Single speaker, 8Ω/1.5W

Appearance

- Material: V0 fireproof PC
- Button: 6 touch button
- Screen: 4” multi-touch screen
- Screen Resolution: 480×480 pixels
- Screen Brightness: 210 cd/㎡

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

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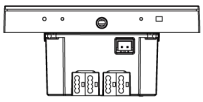
Working Environment

- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: -10℃ ~ 55℃
- Storage Temperature: -30℃ ~ 70℃
- IP Rating: IP20

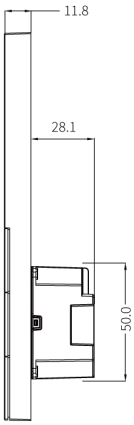
Installation

- Installation: Wall flush mounting
- Flush Mounted Module: EU/UK standard
- Wiring Way: L- + N- wire required

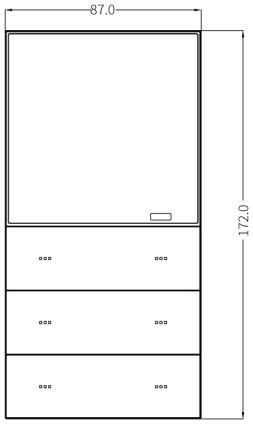
Product Dimension Diagram (mm)



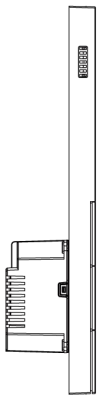
⑤ BOTTOM VIEW



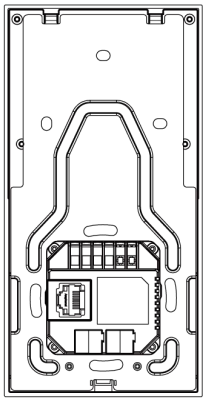
② RIGHT VIEW



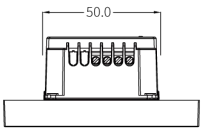
① FRONT VIEW



③ LEFT VIEW



④ BACK VIEW



⑥ TOP VIEW

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