HyPanel Pro

Datasheet

New hassle-free smart control panel for your home

The akubela HyPanel Pro, a smart control panel with an Android 10 operating system. The ALL IN ONE design integrates smart intercom, ZigBee gateway and home automation, and is compatible with plentiful ecosystem. Minimalist exterior design, equipped with a 5-megapixel camera with privacy shutter, allowing users to enjoy a higher quality communication experience. Support infrared remote control function, intelligent control of traditional home appliances, to achieve a more outstanding smart home experience.

At a Glance

- **8-inch touchscreen**
- **5-megapixel camera with a privacy shutter**
- **Metal frame with a decorative strip available in various colors and textures**
- **Built in with a 2-gang switch**
- **Built in with multiple sensors**
- **Support infrared remote control**
- **Android 10 OS powered by a high-performance Qualcomm chip**
- **Intercom, ZigBee gateway, and smart home control panel in one device**



Basic Information

- Model Number: PG71-R2-EU
- Power Supply: 180 ~ 250VAC, 50Hz
- Built-in Relay Capacity: 16A
- Output: 2 gang, 1200W total;
  800W/gang for resistive;
  400W/gang for LED/CFL
- Wire Range: 1.5 ~ 2.5mm^2 (15 ~ 13AWG)
- Power Meter: Supported
- Operation System: Android 10
- RAM/ROM: 2GB/16GB
- Wi-Fi: IEEE802.11 b/g/n/ac, @2.4GHz/5GHz
- Bluetooth: Bluetooth 4.2
- Ethernet Port: 1×RJ45, 10/100Mbps adaptive
- ZigBee: ZigBee 3.0
- ZigBee Sub-Device Limit: 128
- IR Control Coverage: Horizontal 125°, vertical 125°, 6m
- Microphone: Dual microphones, -38dBV
- Speaker: Single speaker, 6Ω/1.8W
- Camera: 5-megapixel camera with privacy shutter

akubela

10/F, No.56 Guanri Road, Software Park II, Xiamen 361009, China
Tel: +86-592-2133061 Ext: 7694 Fax: +86-592-2133061
Email: sales@akuvox.com Web: www.akubela.com

Appearance

- Material: Metal
- Screen: 8” multi-touch screen, AF hydrophobic anti-pollution fingerprint proof coating
- Screen Resolution: 1280×800 pixels
- Screen Brightness: 310 cd/㎡

Sensors Built In

- Proximity Sensor: 30 ~ 60cm
- Light Sensor: Low-level lux detection
- Temperature Sensor: ±1℃, range: -10℃ ~ 50℃
- Humidity Sensor: ±5%, range: 10% ~ 90%RH, without condensation

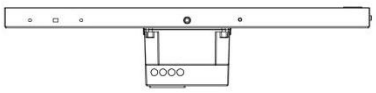
Working Environment

- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: -10℃ ~ 50℃
- Storage Temperature: -20℃ ~ 70℃
- IP Rating: IP20

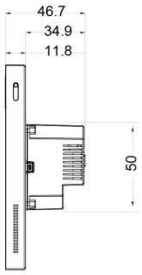
Installation

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

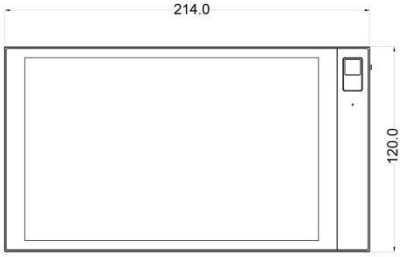
Product Dimension Diagram (mm)



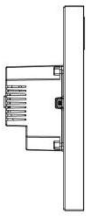
5 BOTTOM VIEW



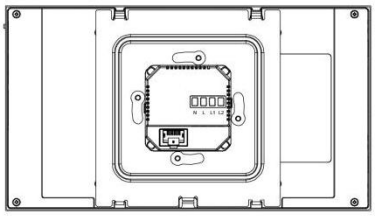
2 RIGHT VIEW



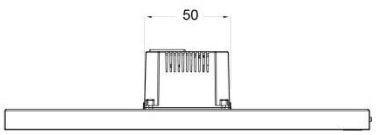
1 FRONT VIEW



3 LEFT VIEW



4 BACK VIEW



6 TOP VIEW

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