

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
- Metal frame with a decorative strip available in various colors and textures
- 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: PG71N-PoE-EU
- Power Supply: IEEE802.3af PoE & 12-24VDC
- Maximum Power Consumption: 10W
- RS485 Port: 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

Appearance

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

Sensors Built In

- Proximity Sensor: 30 ~ 60cm
- 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

- Storage Temperature: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- IP Rating: IP20

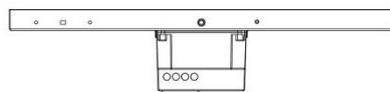
Working Environment

- Environment: For indoor use only
- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$

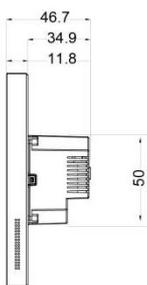
Installation

- Installation: Wall flush mounting
- Flush Mounted Module: EU/UK standard

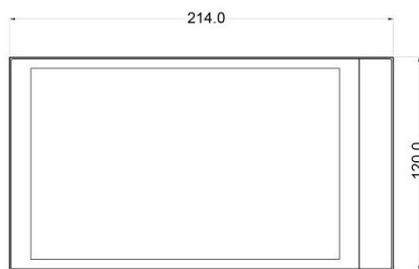
Product Dimension Diagram (mm)



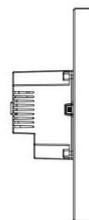
5 BOTTOM VIEW



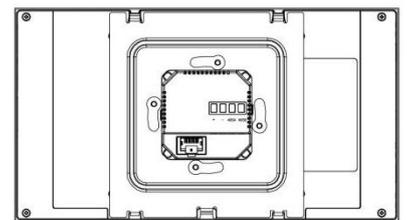
2 RIGHT VIEW



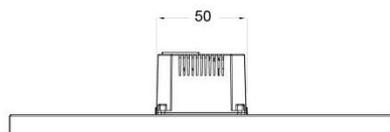
1 FRONT VIEW



3 LEFT VIEW



4 BACK VIEW



6 TOP VIEW