

Product introduce

The akubela G32 is a gateway device that supports multiple network protocols, including ZigBee 3.0, WiFi, IR, Matter, and Ethernet. It is based on the Linux operating system and delivers powerful performance. Seamlessly integrated with the Belahome app, it enables remote management and control of household devices, delivering a smart home experience. It can also function as a Matter bridge, allowing local devices to be added to other Matter platforms, achieving true interoperability across Matter-enabled smart home ecosystems.

At a Glance

- Linux operating system
- Supports ZigBee 3.0, Wi-Fi6, IR, Matter and Ethernet
- Broad Infrared Signal Coverage within 10 ~ 15m range
- Supports up to a maximum of 128 sub-devices
- Powered by PoE or Type-C
- Supports wall-mount and desktop installation options.



Basic Information

- Model Number: G32
- Power Supply: Type-C, 5VDC 2A or IEEE802.3af PoE
- Operation System: Linux
- DDR/Flash: 256MB/256MB
- Wi-Fi: WiFi6, IEEE 802.11a/b/g/n/ac/ax
- Ethernet Port: 1×RJ45, 10/100Mbps adaptive
- Bluetooth: Bluetooth 5.3
- ZigBee: ZigBee 3.0
- Matter: Matter over Wi-Fi
- ZigBee & Matter Sub-Device Limit: 128
- Matter Bridge: Supported
- Speaker: Single speaker, 8Ω/1W
- LED indicator light: Supported
- Infrared Frequency: 38KHz
- Infrared learning: Supported
- IR Control Coverage: Horizontal 360°, 10 ~ 15m, vertical 180°, 5 ~ 6m

Appearance

- Material: PC+Infrared transmission material

Sensors Built In

- Temperature Sensor: $\pm 1^{\circ}\text{C}$, range: -10°C ~ 55°C
- Humidity Sensor: $\pm 5\%$, range: 10% ~ 90%RH, without condensation

Working Environment

- Working Humidity: 10% ~ 90%RH, without condensation
- Working Temperature: -10°C ~ 55°C
- Storage Temperature: -20°C ~ 70°C
- IP Rating: IP20

Installation

- Installation: Desktop or wall-mount

Product Dimension Diagram (mm)

