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SMART ICT DISTRIBUTION

 **akubela**

Smarter Home
Sweeter Life

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THE **Akuvox** COMPANY

As the industry leader in smart living technology, the Akuvox Company designs, develops and supplies smart intercom and smart home solutions for global mid-to-high-end markets. Our mission is simple: harnessing technology's prowess to improve people's lives with better communication, greater security, and more convenience.

Present in over 110 countries and regions, our products and solutions serve as the cornerstone of seamless living experiences. From private residences to bustling commercial spaces, from healthcare facilities to public safety realms – we cater to a world of diverse needs.



akubela

Meet akubela, the embodiment of smart home brilliance by Akuvox. Drawing inspiration from a cappella's captivating music shaped solely by human voices, akubela echoes purity and harmony. Much like a cappella's heavenly melodies, an akubela home envelops you with warmth, caring for both your soul and your family's needs.

With a unique focus on communication, security, and sustainability, akubela specializes in state-of-the-art smart home products and solutions. We strive to craft the perfect fusion of the latest technologies and impeccable industrial design, elevating your daily life from every angle and perception.



Welcome to akubela Smart Home System – your passage to a cozy, secure, and loving living ambiance. From Entry and Security to Lighting and Climate, with more innovations on the horizon – our systems offer tailored solutions for every need.





Lighting

Illuminate your life with intelligent lighting, creating a beautiful ambiance for your home and catering to your every mood.



Climate

Enjoy a cozy home with smart climate control, ensuring the ideal temperature and healthy indoor air quality at all times.



Security

Safeguard your well-being with a robust home security setup, providing round-the-clock protection and intuitive control.



Entry

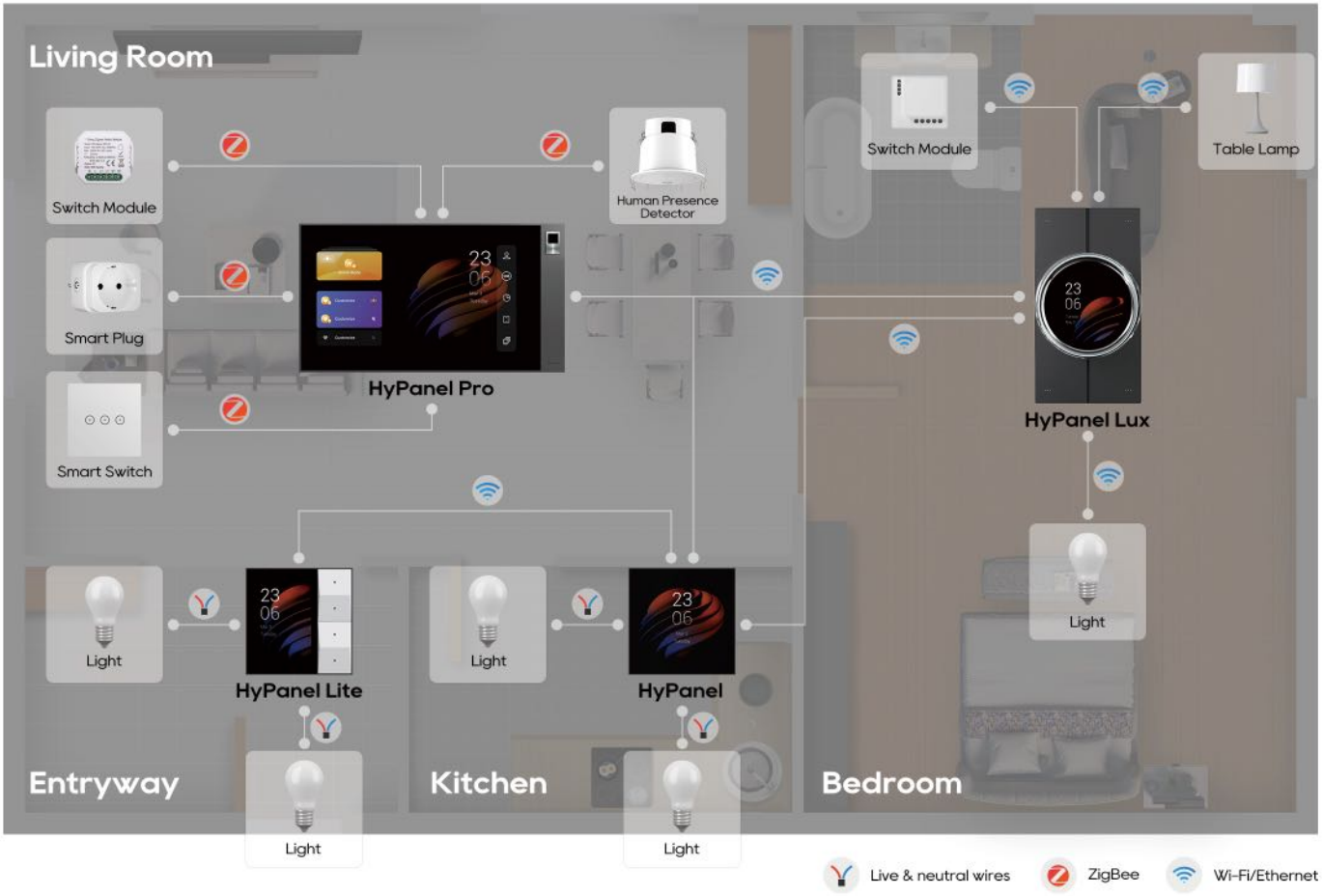
Embrace seamless access control and entry management with a smart entry system, effortlessly stepping into your smart home.

Lighting | Illuminate Life



More than mere illumination, light holds the key to enriching your home experience. akubela's Lighting System offers versatile wired and wireless connections, enabling seamless on/off switching, dimming, color adjustments, and

the creation of atmospheric scenes. Effortlessly control your lighting through touch screens, buttons, mobile apps, and voice commands.



Smart Home Control Panel

akubela's HyPanel series products function as versatile control panels and gateways. Through ZigBee, these panels seamlessly connect an array of lights and switches, offering the convenience of lighting scene customization and one-touch control of multiple devices.



1/2/3 Gang Smart Switch

The touch switch panel embraces the aesthetics of a traditional electrical box, flawlessly fitting into your existing infrastructure to replace conventional switches and sockets. With remote control and automated lighting, it provides effortless mastery over your lighting.



1/2 Gang ZigBee Switch Module

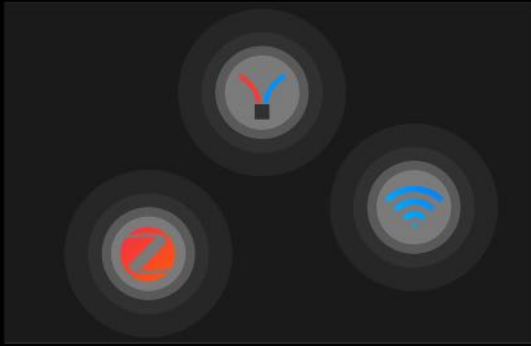
The embedded wall switch module smoothly integrates into conventional switches or sockets, elevating them into the realm of "smart" devices. With this module, lighting devices can be remotely controlled and interact intelligently with other devices.



Smart Motion Sensor /Human Presence Detector

Teaming up with smart lights, the motion sensor unveils a realm of possibilities for your smart home. Envision this: if it senses someone sneaking in, all the lights can flick on to deter the intruder. Likewise, lights automatically switch off when detecting no human presence.

Lighting System Highlights



01 Seamlessly link to an extensive variety of third-party smart devices and brands via wired, ZigBee, and Wi-Fi connections.



04 With the ease of one-touch lighting control, effortlessly manage groups of devices in various zones.



02 Personalize an array of scenes tailored to activities such as arriving home, departing, relaxation, and sleep.



05 Sync with door locks, triggering automatic illumination of entryway lights as soon as the door is opened.



03 Enjoy light-weight automation with a range of smart sensors, enabling whole-house lighting control that eliminate the need for manual intervention.



06 Engage with intercom devices, activating entry area lights upon the door phone camera detecting visitors.

Climate | Embrace Cozy Comfort

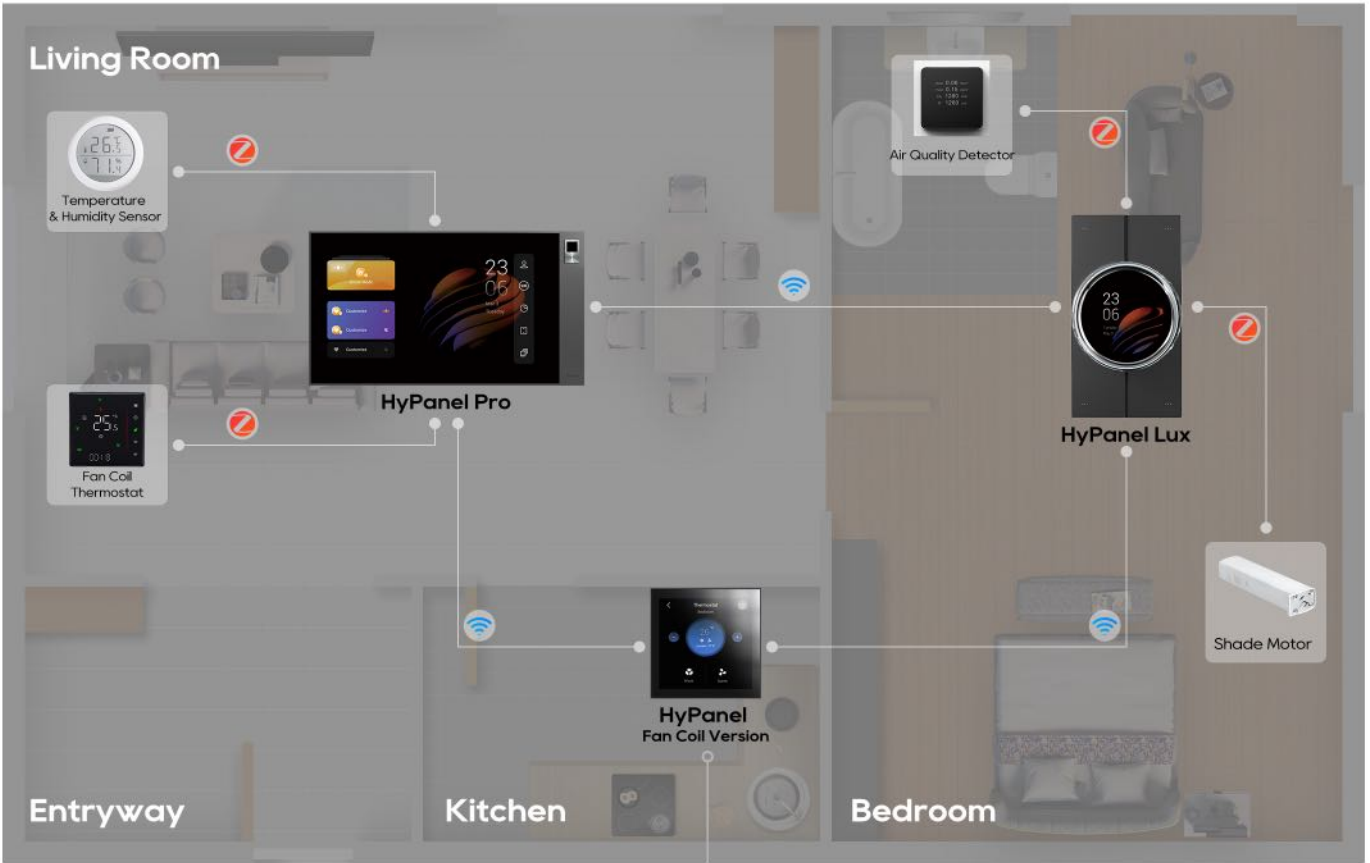


Immerse yourself in the soothing comfort of your home with precise and proactive climate management. From effective heating and cooling to refreshing ventilation, our system ensures a healthy and cozy indoor atmosphere. Versatility

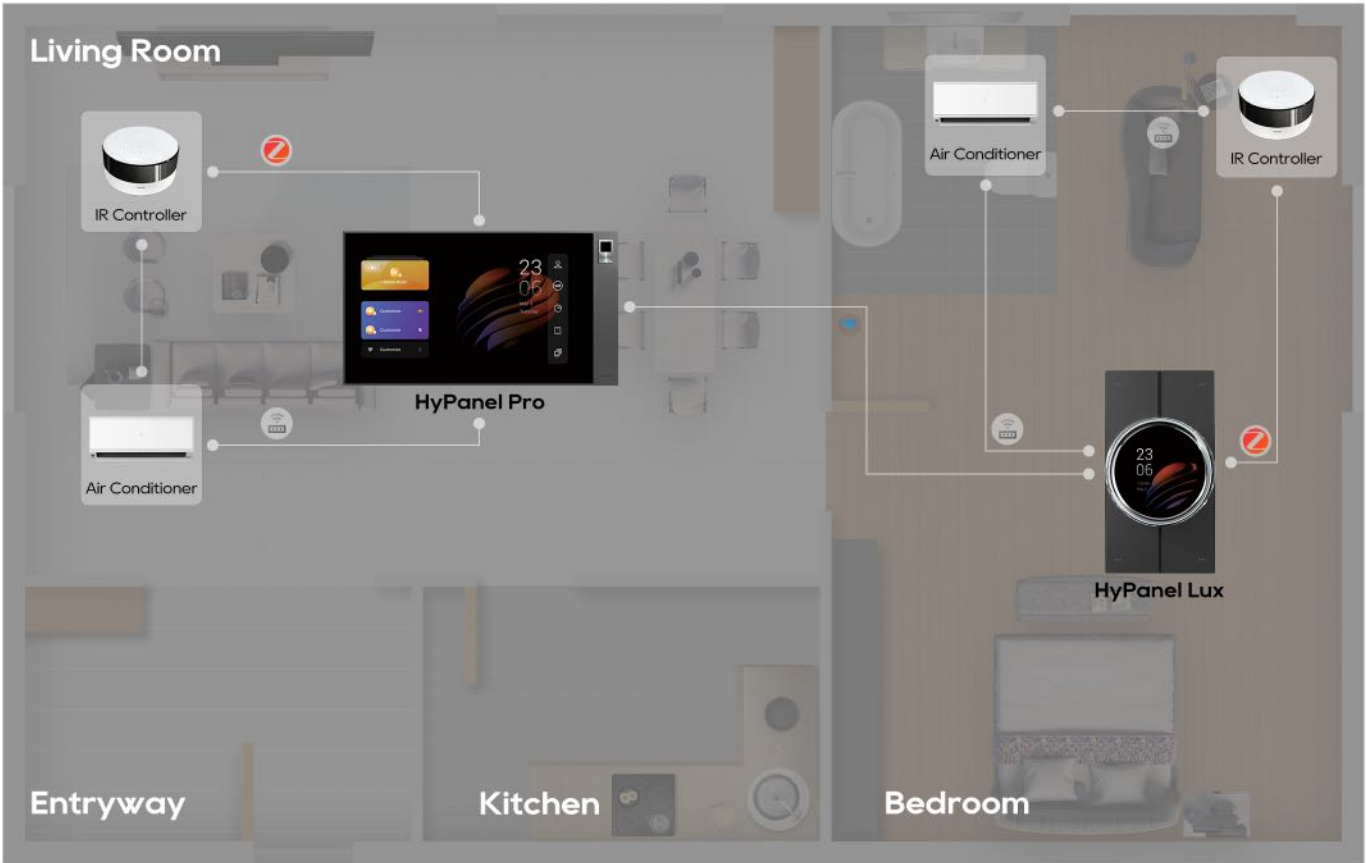
is at the heart of our system, supporting multiple connectivity options and adapting to various HVAC systems worldwide. Crafting the perfect ambiance is a breeze.



Fan Coil / Heating Unit System

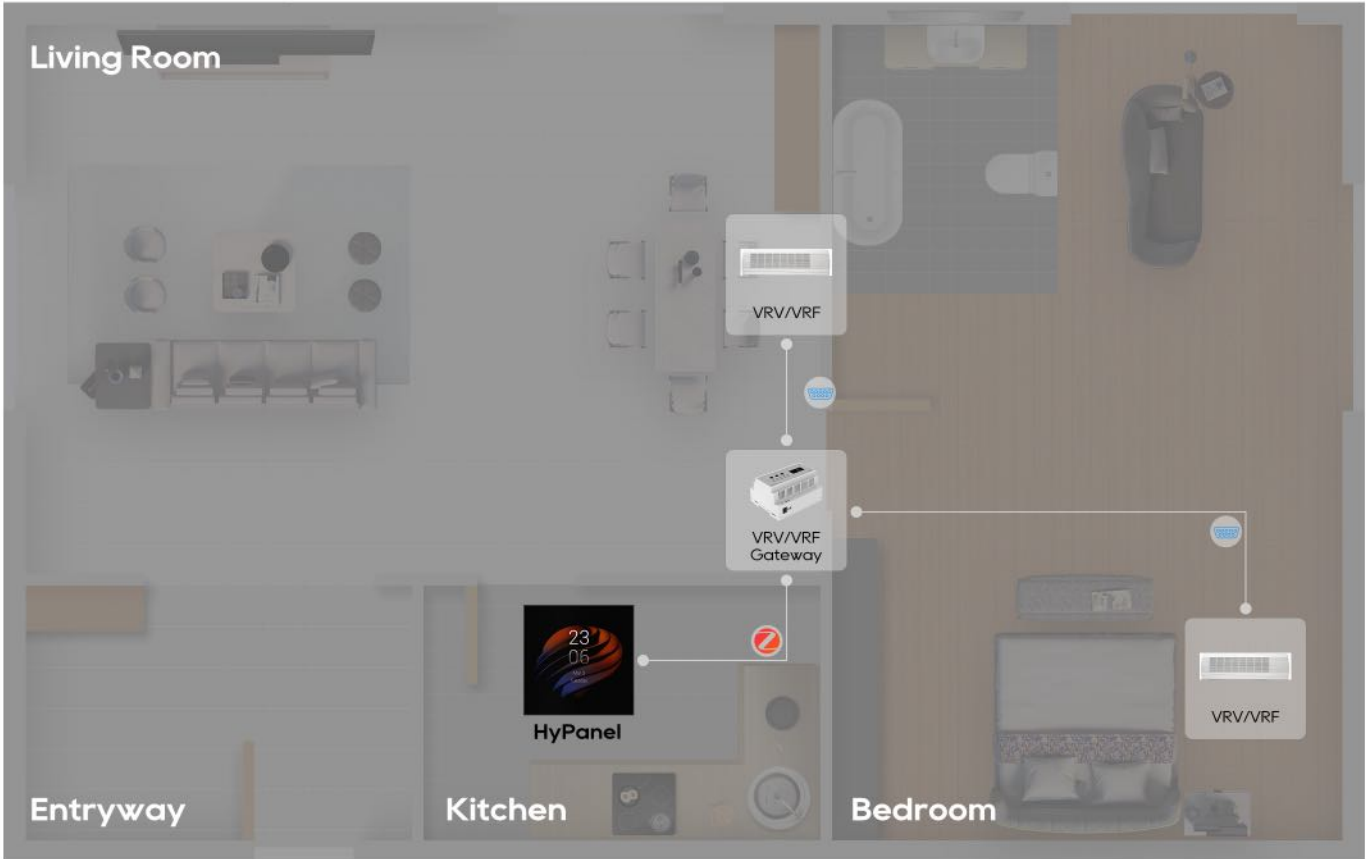


IR-Controlled Air Conditioning System



Wi-Fi/Ethernet
 ZigBee
 Infrared

VRV/VRF System



ZigBee
 Wi-Fi/Ethernet



Smart Home Control Panel

With akubela's HyPanel series, you gain the ability to configure automation scenes that seamlessly initiate climate adjustments for tailored occasions. Imagine, a single touch sets the cinematic scene in motion – the curtains gracefully sweep shut, creating the ambiance for the night. Moreover, if the room temperature exceeds a designated threshold, the system discreetly steps in to restore comfort.



Shade Motor (ZigBee)

The curtain motor caters to an array of curtain types - opening, rolling, venetian, and more. It is designed to align with your precise requirements. As dawn breaks, the curtains glide open, gently rousing you to the embrace of natural light. During your absence, rest assured they will dutifully close, preserving your privacy while effectively shielding your space from external temperature fluctuations.



Fan Coil / Heating Thermostat (ZigBee)

The thermostat enables precise control of your home's indoor climate. It automatically adjusts temperatures and creates a personalized heating and cooling schedule that aligns with your daily routines and occupancy patterns. This not only maximizes comfort but also minimizes energy wastage.



Smart Air Quality Detector & Smart Temperature and Humidity Sensor

The air quality monitor & temperature-humidity sensor duo offers real-time insights into indoor air quality and environmental conditions. The air quality monitor detects pollutants, allergens, and toxins, while the temperature-humidity sensor simultaneously tracks temperature and humidity levels.



Central AC Controller-Outdoor / Indoor

The advanced VRV/VRF air conditioning (AC) gateway features cutting-edge connectivity technologies, facilitating the seamless integration of multiple air conditioners with your smart home centralized control or Building Management System (BMS). Select from a variety of connection options including RS485, KNX, or UART, each meticulously engineered for optimal compatibility and performance with your smart infrastructure.

Climate System Highlights



01

Elevate comfort by automatically and remotely adjusting temperature, humidity, and curtains according to weather conditions and personal preferences.



02

Prioritize family well-being with assured clean air, catering especially to allergy sufferers and individuals with respiratory conditions.



03

Contribute to environmental preservation thanks to efficient heating and cooling and automated curtain adjustments to reduce reliance on energy.



04

Enable whole-home climate intelligence by seamlessly connecting smart and conventional VRV/VRF



Video surveillance



Intrusion detection



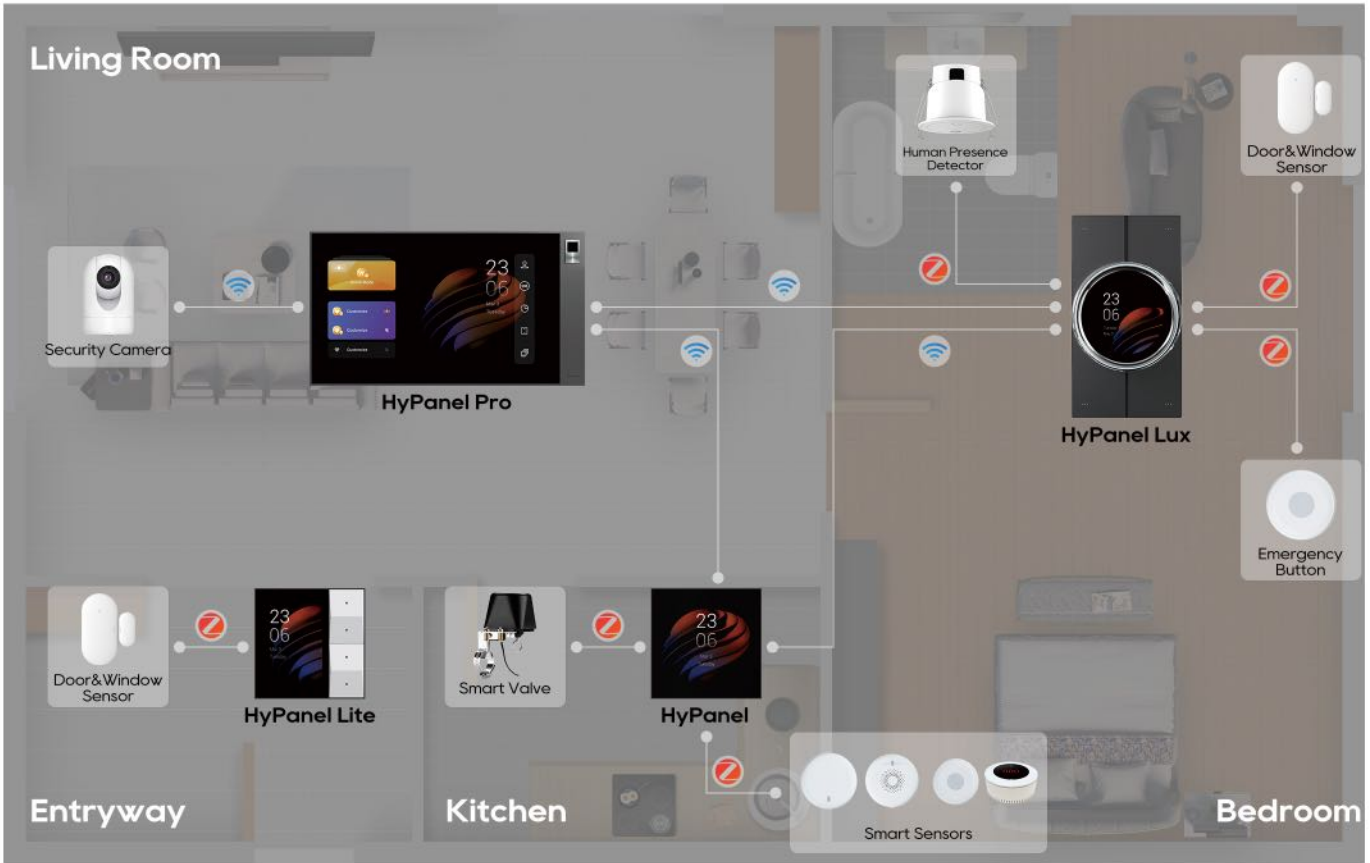
Sensor alarms

Security | Create a Haven of Peace



The akubela Security System is your multifaceted safeguard, blending alarm monitoring, intrusion detection, and video surveillance. Swiftly detecting and responding to any issues, the system ensures immediate action. In the event

of any anomalies, it will not only send instant notifications to you but also dispatch alerts directly to the property service team, ensuring they promptly address any on-site emergencies.



Smart Home Control Panel

With akubela's HyPanel series, users harness the power to personalize security rules by designating any security sensor as a trigger. When irregularities arise, it promptly exhibits real-time safety alerts. In urgent scenarios, its one-tap call feature allows you to request assistance effortlessly. Moreover, its capacity to display surveillance videos across various areas of your residence guarantees you stay informed about the state of your home.



Smart Sensor

Offering real-time updates about your home, the sensors cover a wide spectrum of aspects: water, gas, carbon monoxide, doors, smoke, human presence, temperature, and humidity.



Smart Emergency Button

Carry this portable emergency call button to seek immediate assistance during critical situations with ease – just a single press away from help.



Smart Valve

The valve controller automatically shuts off water or gas valves in the event of water or gas leaks, preventing indoor flooding, potential fires, and gas-related incidents.

Security System Highlights



- **24/7 Real-Time Monitoring and Instant Alerts**

Enjoy round-the-clock surveillance with our system's instantaneous alerts sent to akubela's mobile app, control panels, and property management office terminals. This rapid response to anomalies ensures that potential threats are nipped in the bud.



- **Customizable Security Scenes for Every Need**

Craft personalized security rules for various scenarios, whether it's triggering surveillance footage or activating lights in response to unusual window or door openings, deterring potential intruders effectively.



- **Effortless Home Security Management**

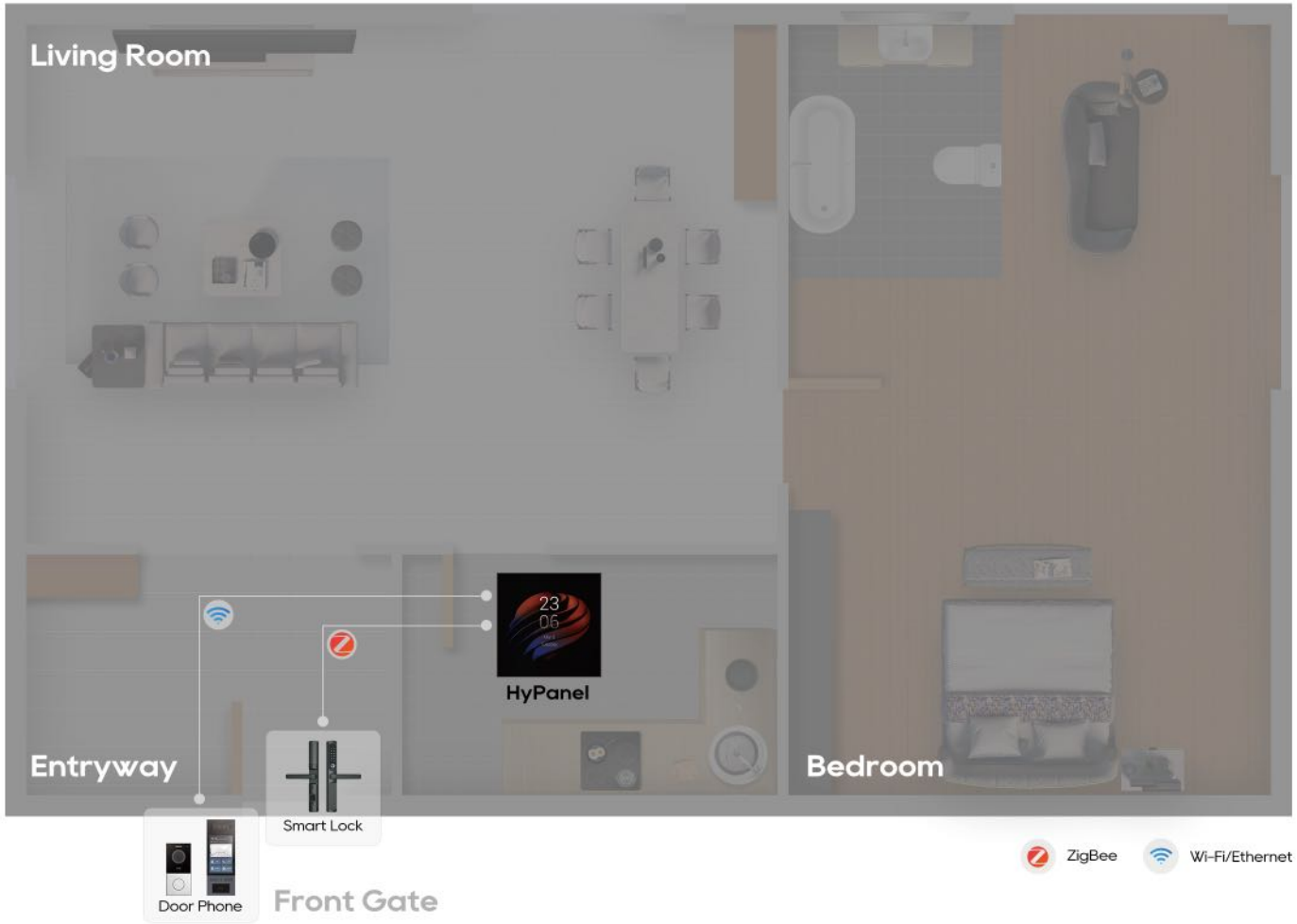
Experience seamless control by arming or disarming your home security with a single tap, eliminating the need to toggle each electronic device manually. Additionally, you can control it via the akubela mobile app anywhere, anytime.

Entry | Where Smart Home Living Begins



Embark on a journey of unmatched convenience with the akubela Entry System. Merging intercom capabilities with smart home control, our innovative system allows you to stay connected to the external world while relishing the efficiency

and convenience of a smart home. Moreover, we've streamlined the setup process, ensuring that everyone can effortlessly engage with our system and bask in a truly lightweight smart home experience.



Smart Home Control Panel

The akubela HyPanel series smart home control panel doubles as a smart intercom system. Paired with a door phone, it grants you the ability to visually and audibly connect with visitors, remotely permitting access. Not stopping there, these panels foster harmonious internal family communication as they effortlessly converse across different rooms. As a smart home control hub, the HyPanel products connect with smart devices through both wired and wireless methods.



Smart Video Intercom

The smart video intercoms synergize cutting-edge technologies encompassing AI, SIP, Android, cloud computing, and security. The products offer superior audio and video call quality and support an array of access credentials – from Bluetooth and facial recognition to QR codes and mobile apps – crafting a seamless and convenient homecoming experience for all.



Smart Lock

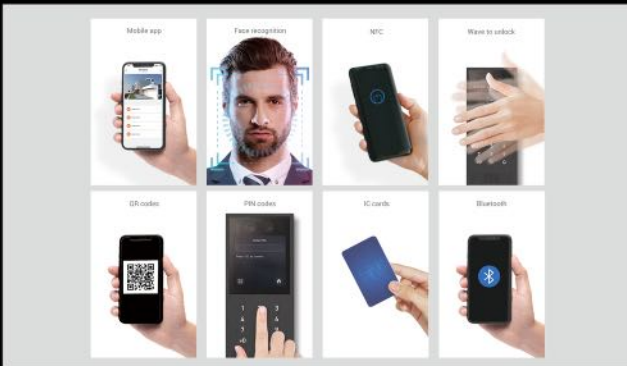
The smart lock provides diverse unlocking options, including a one-time password for temporary guests, enhancing user convenience. The doorbell reminder can promptly notify you of any visitors. Residents can use the remote management feature to monitor and control the status of their home entrance at all times and track the lock's usage by reviewing device logs. Additionally, it features a low battery warning to ensure continuous operation.

Entry System Highlights



Simplicity Meets Intelligence

Experience maximum home intelligence with minimal setup. Lighting control, intercom, and access – all streamlined for your convenience and efficiency.



Elevate the Entry Experience

The system caters to diverse door-opening methods, from cutting-edge Bluetooth access to traditional access cards, accommodating a spectrum of user preferences.



Extend a Warm Welcome

Utilize our app to remotely grant access to visitors or generate QR codes for seamless self-entry. Stay informed with a comprehensive history log, tracking who visited your home and when.



Future-proof Your Home

The system integrates with a vast range of third-party smart devices and brands via wired, ZigBee, Wi-Fi, Ethernet, and more. Future-proof your home with ease!

Smart Home Control Panel





HyPanel Supreme **COMING SOON**

Smart Home Magic, One Wave Away

- 12.35 inch touchscreen with metal frame
- 2.5K (2560x1600) UHD display
- Built in with 6 gang dry contacts, 8 channels digital input, RS485(KNX optional)
- Multi networks supported: Wi-Fi 6, Bluetooth 5.0, ZigBee 3.0, etc.
- Built in with multiple sensors, such as gesture recognition sensor
- Android 12 OS
- Intercom, ZigBee gateway, and smart home control panel in one device
- 5-megapixel camera with privacy shutter

HyPanel Supreme



Model	PHX1-ST
Power Supply	12~24VDC
Network	Wi-Fi6 2.4G/5G & Bluetooth 5.0 & ZigBee 3.0 & ETH
Material	Metal
Screen Size	12.35"
Screen Resolution	2560×1600 pixels
Sensors Built In	Gesture recognition, proximity, light, temperature, humidity sensors
Camera	5-megapixel camera with privacy shutter
RS485	Support
Input	0~5VDC digital input x8
Output	3A 100~240VAC/gang dry contact x4 2A 0~30VDC relay x2
Infrared Remote Control	-
NTC	-
Installation	EU/UK/US backbox
Working Humidity	10%~90%RH, without condensation
Working Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70°C



HyPanel Ultra **COMING SOON**

Smart Home Synergy with Visual Brilliance

- 10.36 inch touchscreen with metal frame
- 2K (2000x1200) UHD display
- Built in with 6 gang dry contacts, 8 channels digital input, RS485(KNX optional)
- WiFi6/Bluetooth5.0/ZigBee3.0/ETH connections
- Built in with multiple sensors
- Android 12 OS
- Intercom, ZigBee gateway, and smart home control panel in one device
- Compatible with various third-party devices and platforms

HyPanel Ultra



Model	PH81-ST
Power Supply	12~24VDC
Network	Wi-Fi6 2.4G/5G & Bluetooth 5.0 & ZigBee 3.0 & ETH
Material	Metal
Screen Size	10.36"
Screen Resolution	2000×1200 pixels
Sensors Built In	Proximity, light, temperature, and humidity sensors
Camera	-
RS485	Support
Input	0~5VDC digital input x8
Output	3A 100~240VAC/gang dry contact x4 2A 0~30VDC relay x2
Infrared Remote Control	-
NTC	-
Installation	EU/UK/US backbox
Working Humidity	10%~90%RH, without condensation
Working Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70°C



HyPanel Pro

The Mastermind of Your Smart Home

- Android 10 OS
- Dual microphones
- Built-in sensors
- Metal frame
- Infrared remote control
- 8-inch multi-touch screen
- Built-in voice assistant
- ZigBee/Wi-Fi/Bluetooth/Ethernet connections

HyPanel Pro



Model	PG71-R2-EU	PG71-PoE-EU	PG71N-R2-EU	PG71N-PoE-EU
Power Supply	180~260VAC, 50Hz	IEEE802.3af PoE & 12-24VDC	180~260VAC, 50Hz	IEEE802.3af PoE & 12-24VDC
Network	Wi-Fi 2.4G/5G & Bluetooth 4.2 & ZigBee 3.0 & ETH			
Material	Metal			
Screen Size	8"			
Screen Resolution	1280×800 pixels			
Sensors Built In	Proximity, light, temperature, and humidity sensors			
Camera	5-megapixel camera with privacy shutter	-	-	-
RS485	-	Support	-	Support
Output	2-gang	-	2-gang	-
Infrared Remote Control	Support			
Installation	EU/UK backbox			
Working Humidity	10%~90%RH, without condensation			
Working Temperature	-10°C ~ 50°C			
Storage Temperature	-20°C ~ 70°C			



HyPanel Lux

Your Everyday Luxury

- Android 10 OS
- 2.1-inch multi-touch screen
- Four AG glass buttons
- Metal knob with 16 million colors RGB light ring
- Infrared remote control
- Built-in sensors
- Built-in voice assistant
- ZigBee/Wi-Fi/Bluetooth/Ethernet connections

HyPanel Lux



Model	RT61-R2-EU	RT61-PoE-EU	RT61-D1-EU	RT61-D1-US
Power Supply	180~260VAC, 50Hz	IEEE802.3af PoE & 12-24VDC	180~260VAC, 50Hz	90-260VAC, 50/60Hz
Network	Wi-Fi 2.4G/5G & Bluetooth 4.2 & ZigBee 3.0 & ETH			
Material	V0 fireproof PC+4 AG glass Buttons+1 Metal knob			
Screen Size	2.1"			
Screen Resolution	480x480 pixels			
Sensors Built In	Proximity, light, temperature, humidity and gravity sensors			
RS485	-	Support	-	-
Output	2-gang relay	-	1-gang dimmer	1-gang dimmer
Infrared Remote Control	Support			
Installation	EU/UK backbox	EU/UK backbox	EU/UK backbox	US backbox
Working Humidity	10%~90%RH, without condensation			
Working Temperature	-10°C ~ 55°C			
Storage Temperature	-30°C ~ 70°C			



HyPanel Plus

Smart Living Made Effortless, Elegant, and Exciting

- Android 12 OS
- 4-inch multi-touch screen
- Two touch buttons
- Built-in sensors
- Built-in voice assistant
- ZigBee/Wi-Fi/Bluetooth/Ethernet connections

HyPanel Plus



Model	PS52V2-D1-US	PS52N-R1-US
Power Supply	100~260VAC,50/60Hz	100~260VAC,50/60Hz
Network	Wi-Fi 6 & Bluetooth 5.4 & ZigBee 3.0 & ETH	
Material	Metal	V0 fireproof PC
Screen Size	4"	
Screen Resolution	480x480 pixels	
Sensors Built In	Proximity, light, temperature, and humidity sensors	
RS485	-	-
Output	1-gang dimmer	1-gang relay
Installation	US backbox	
Working Humidity	10%~90%RH, without condensation	
Working Temperature	-10°C ~ 55°C	
Storage Temperature	-20°C ~ 65°C	



HyPanel

The Simplicity of Design Powered by the Smartest Technology

- Android 10 OS
- 4-inch multi-touch screen
- Built-in sensors
- Built-in voice assistant
- ZigBee/Wi-Fi/Bluetooth/Ethernet connections

HyPanel



Model	PS51-R2-EU	PS51-PoE-EU	PS51-FANCOIL-EU	PS51-HEATING-EU
Power Supply	180~260VAC, 50Hz	IEEE802.3af PoE & 12-24VDC	90~250VAC,50/60Hz	90~250VAC,50/60Hz
Network	Wi-Fi 2.4G/5G & Bluetooth 4.2 & ZigBee 3.0 & ETH		Wi-Fi 2.4G/5G & Bluetooth 4.2 & ZigBee 3.0	
Material	V0 fireproof PC			
Screen Size	4"			
Screen Resolution	480x480 pixels			
Sensors Built In	Proximity, light, temperature, and humidity sensors			
RS485	-	Support	Support	-
Input	-	-	-	0~5VDC digital input
Output	2-gang relay	-	2 relays for cooling and heating valves 3 relays for fan speed	Maximum Resistive Load: 16A
NTC	-	-	Support	Support
Installation	EU/UK backbox	EU/UK backbox	EU/UK backbox	EU/UK backbox
Working Humidity	10%~90%RH, without condensation			
Working Temperature	-10°C ~ 55°C			
Storage Temperature	-20°C ~ 65°C			



HyPanel Lite

The Classic Meets the Modern

- Linux OS
- 3.27-inch multi-touch screen
- Built-in sensors
- ZigBee/Wi-Fi/Bluetooth/Ethernet connections

HyPanel Lite



Model	KS41-R2-EU	KS41-PoE-EU
Power Supply	180~260VAC, 50Hz	IEEE802.3af PoE & 12-24VDC
Network	Wi-Fi 2.4G & Bluetooth 4.2 & ZigBee 3.0 & ETH	
Material	Metal buttons, V0 fireproof PC	
Screen Size	3.27"	
Screen Resolution	320x480 pixels	
Sensors Built In	Proximity, light, temperature, and humidity sensors	
RS485	-	Support
Output	2-gang relay	-
Installation	EU/UK backbox	EU/UK backbox
Working Humidity	10%~90%RH, without condensation	
Working Temperature	-10°C ~ 55°C	
Storage Temperature	-20°C ~ 65°C	

Add-ons



Electric

1/2 Gang Switch Module

Transform a traditional switch into a smart ZigBee switch

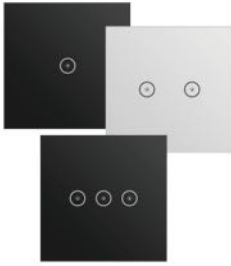


- Standard ZigBee protocol with strong compatibility
- Wide voltage range
- Support remote control via a mobile app or voice commands
- Include a state memory function
- Support three wiring methods (single switch, dual switches, or no switch)

Specification	
Power Supply	100 ~ 240VAC, 50/60HZ
Connections	ZigBee 3.0
Product Size	46×46×18mm
Max.Load	2300W
Operation Frequency	2.400GHz-2.484GHz, IEEE802.15.4
Operation Range	≤200m
IP Rating	IP20
Warranty	2 years

1/2/3 Gang Touch Switch

Replace your old, outdated light switches with ease



- Standard ZigBee protocol with strong compatibility
- Super low power consumption
- Wide voltage range
- Support remote control via a mobile app or a smart home panel
- Vandal-resistant glass panel
- Highly responsive touch button
- Easy to set up and use

Specification	
Power Supply	110 ~ 240VAC, 50/60HZ
Working Temperature	-30°C ~ 70°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Product Size	86×86×36.5mm
Control Mode	ZigBee control, touch control
Maximum Current	10A/gang
Rated Load	<500W/gang
Standby Power Consumption	<0.5W
Glass Panel	3MM toughened glass
Life Long	more than 100,000 times

Smart Plug (EU)

Make your home appliances smarter



- Standard ZigBee protocol with strong compatibility
- Super low power consumption
- Wide voltage range
- Support remote control via a mobile app or a smart home panel
- Enhanced RF output power for extended communication range
- Easy to set up and use

Specification	
Power Supply	110 ~ 240VAC, 50/60HZ
Working Temperature	-30°C ~ 70°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Product Size	50×50×83.5mm
Max.Load	2200W/3500W
Max.Current	16A
Standby Power Consumption	<0.5W
Material	PC+ABS
Wireless Distance	≤ 30m (open environment)

Smart Plug (UK)

Make your home appliances smarter



- Standard ZigBee protocol with strong compatibility
- Super low power consumption
- Wide voltage range
- Support remote control via a mobile app or a smart home panel
- Enhanced RF output power for extended communication range
- Easy to set up and use

Specification

Power Supply	110 ~ 240VAC, 50/60HZ
Working Temperature	-30°C ~ 70°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Product Size	φ58×55.3mm
Max.Load	2800W
Max.Current	13A
Standby Power Consumption	<0.5W
Material	PC+ABS
Wireless Distance	≤ 30m (open environment)

Smart Plug (US)

Make your home appliances smarter



- Standard ZigBee protocol with strong compatibility
- Super low power consumption
- Wide voltage range
- Support remote control via a mobile app or a smart home panel
- Enhanced RF output power for extended communication range
- Easy to set up and use

Specification

Power Supply	110 ~ 240VAC, 50/60HZ
Working Temperature	-20°C ~ 45°C (-4 ~ 113 °F)
Working Humidity	0 ~ 80%RH
Connections	ZigBee 3.0
Product Size	69.9×39.8×31.4mm
Max.Load	1800W
Max.Current	10A
Standby Power Consumption	<0.3W
Material	ABS
Wireless Distance	≤ 30m (open environment)

Central AC Controller-Indoor

High-end indoor AC gateway with innovative smart home connectivity



- Connects multiple VRV/VRF or duct AC units from brands like Daikin, Hitachi, Gree to the Belohome IoT Platform f or smart control
- Features a built-in Belohome Zigbee module for controlling air conditioning via the Belohome smart app
- Allows both independent connection to air conditioning and integration with the existing panel, with automatic master-slave adaptation
- Supports wired centralized control for streamlined management. Includes a Bluetooth function for on-site firmware upgrades as needed
- Offers a dedicated Bluetooth mini-program for testing AC controls and accessing operational data and fault codes. Provides remote fault diagnosis to quickly identify and resolve issues with efficient service response

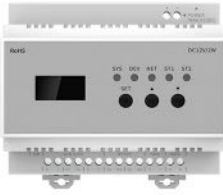
Specification

Power Type	AC indoor unit
Working Temperature	-20°C ~ 60°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Output power	8.5VDC
Product Size	85×85×28mm

Climate

Central AC Controller-Outdoor

High-end outdoor VRV/VRF AC gateway with innovative smart home connectivity

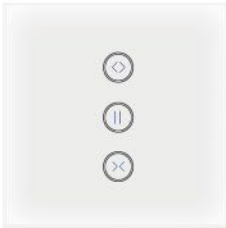


- **Display Module:** Showcases communication status, indicates the air conditioner brand and count, displays found fresh air units, and reflects this product's equipment parameters. Living biometric fingerprint identification algorithm
- **Function Keys:** Enables navigation through display content and offers diverse functionalities through key combinations. Supports advanced security mode: any types of fingerprint, password, and IC card can be freely combined
- **Climate Connect Terminal:** Compatible interface with a wide range of AC brands like Daikin, Hitachi, Toshiba, etc. Super C-class anti-theft lock cylinder, the security level exceeds the national standard
- **Communication Port (RS485):** Aligns with RS485 protocol, interfacing with fresh air and other environment control systems

Specification	
Power Type	12VDC
Working Temperature	-20°C ~ 80°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Ports	RS485/KNX/UART (Third party module)
Product Size	106×96×58mm

Curtain Control Panel

Compact, efficient smart curtain switch with touch buttons and safety features



- Standard ZigBee protocol, good compatibility
- Wide voltage range
- Super low power consumption design
- Set up and use easily
- Mobile app remote control or panel remote control support
- Glass panel, explosion-proof, with safety protection function
- Touch key design, quick response

Specification	
Power Supply	110 ~ 240VAC, 50/60HZ
Working Temperature	-30°C ~ 70°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Product Size	86×86×36.5mm
Maximum Current	10A/gang
Maximum Power	300W
Standby Power Consumption	<0.5W
Glass Panel	3MM toughened glass
Life Long	100,000 times

Fan Coil Thermostat

Sleek design meets maximum comfort



- Achieve temperature precision within 0.5° C
- Wide voltage range
- No constraints on the number of thermostats that can be added to the mobile app
- Retain information even when power is disconnected

Specification	
Power Supply	95 ~ 240VAC, 50/60HZ
Working Temperature	0°C ~ 45°C
Working Humidity	5 ~ 95%RH
Connections	ZigBee 3.0
Buttons	Capactive Touch Buttons
Fan Relay Amps	Resistance: 5A Inductive: 3A
Valve Relay Amps	Resistance: 3A Inductive: 1A
Set Temp. Range	5°C ~ 35°C
Accuracy	±0.5°C
Storage Temp	-5°C ~ 45°C
Controllable Equipment	Two pipe (Control Fan Coil Unit and Two Wired Motorized Valve; Control Fan Coil Unit and 0-10V Motorized Valve), Four pipe (Control Fan Coil Unit and Two Wired Heat Valve and Two Wired Cool Valve)

Heating Thermostat

Advanced, sleek thermostat for perfect, uniform home temperature control



- Support the creation of product local groups/shares to achieve unlimited centralized control of the number of products, multi-terminal control
- Strict temperature control accuracy ($\pm 1^{\circ}\text{C}$) to provide the warmth you want
- The ultra-thin embedded panel perfectly fits all kinds of walls
- Rich function options, Modbus, WIFI, keycard, etc., to meet all your needs
- Perfect access: Tmall Genie, Amazon Echo, Google Home, full experience new voice control method

Specification

Power Supply	95 ~ 240VAC, 50/60HZ
Working Temperature	0°C ~ 45°C
Working Humidity	5 ~ 95%RH
Connections	ZigBee 3.0
Set Temp. Range	5°C ~ 35°C
Room Temp. Range	5°C ~ 99°C
Display Temp. Range	5°C ~ 99°C
Material	PC + ABS(Fireproof)
Current Load	5A(water heating, gas boiler) 16A(electric heating)
Power Consumption	<1.5W
Timing Error	<1%
Buttons	Capactive touch buttons
Protection Class	IP20
Installation Box	86×86mm Square or european 60mm round box
Wire Terminals	Wire 2×1.5mm ² or 1×2.5mm ²

Shade Motor

Quiet, efficient, seamless control



- Touch control technology – gently pull the curtain to open or close
- Patented mechanical clutch design enabling manual operation in case of power failure
- Built-in radio receiver with network control
- Support a variety of control modes
- Full automatic setting of the limits
- Slow start and slow stop function
- Touch control function can be switched on and off
- Compact aluminum track with electron phosphoric suitable for both straight and curved curtains

Specification

Power Supply	100 ~ 240VAC
Connections	ZigBee 3.0
Product Size	40×40×320mm
Rated Current	0.25A@220VAC/50Hz
Rated Speed	75/90/110rpm
Rated Torque	1 N.m
Protection Class	IP41
Reception Frequency	433.92MHz±75KHz
Reception Bandwidth	150KHz
Reception Modulation	OOK/ASK
Sensitivity	-107dBm
Reception Channels	16 channels
Support Curtain Weight	4m/40kg

Smart Air Quality Detector

Keep an eye on your indoor climate



- Equipped with a range of sensors for precise air quality analysis
- Applicable for residential, commercial, and industrial settings
- Support wireless or RS485 communication for data transmission
- Offer auto screen wake-up within a 50cm range
- Facilitate straightforward and intuitive network settings

Specification

Power Supply	100 ~ 240VAC
Working Temperature	-10°C ~ 55°C
Working Humidity	0 ~ 95%RH
Connections	RS485/ZigBee and other wireless(subject to specific models)
Product Size	86×86×59mm
Display	TFT screen

Climate

Temperature&Humidity Sensor

Measure the temperature and humidity of your home with one device



- Standard ZigBee protocol with strong compatibility
- Low power consumption
- Easy installation – just install and use
- Low power alert
- Real-time display of temperature and humidity
- Easy battery replacement

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Battery Life	3 years
Product Size	φ61.2×23mm
Battery Type	2×No.7 batteries

Security

CO Sensor

Prevent poisoning, keep your family safe



- Standard ZigBee protocol with good compatibility
- Super low power consumption with battery lifespan up to year
- Easy installation by simply setting it on a table or adhering it to a wall
- Low battery indication
- Support sound and light alarm, wireless network alarm
- Easy battery replacement

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Battery Life	More than one year (20 times per day)
Product Size	φ80×30.5mm
Battery Type	CR123A battery
Transmit Power	≤ 8dBm
Reception Sensitivity	-96dBm
Alarm Voice Volume	70dB/2m
Alarm Concentration	200ppm
Range Display	0 ~ 500ppm show HHH Beyond Test Range
Communication Distance	80m(Empty)

Door and Window Sensor

Door and window security, the first line of defense for your home



- Standard ZigBee protocol with good compatibility
- Super low power consumption with battery lifespan up to year
- Instant alert the moment doors or windows are open
- Dual reed switch for any door or window orientation
- Tamper alarm for enhancing device security
- Easy battery replacement

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Connections	ZigBee 3.0
Battery Life	More than one year (20 times per day)
Battery Type	CR2032 battery
Low Battery Indication	Support
Alarm Triggering Distance	25±5mm
Shell Material	Fire-proof PC+Fire-proof ABS
Transmitter Dimensions	52.6×26.5×13.8mm
Magnet Dimensions	25.5×12.5×13mm

Emergency Button

Call for help in emergencies with just one push of a button



- ZigBee protocol with superior compatibility for seamless integration
- Low power consumption
- Support undervoltage alarm
- One-press emergency alert for ensuring safety for the vulnerable
- Activation of a smart home scene with a single press

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Connections	ZigBee 3.0
Battery Life	1 year
Product Size	φ50×16mm
Battery Type	CR2032 battery
Undervoltage Alarm	Support

Flood Sensor

Alert you to minor leaks before they become harmful floods



- Standard ZigBee protocol with good compatibility
- Super low power consumption
- Low battery indication
- Easy installation by simply setting it on a table or adhering it to a wall
- Stylish patented design that marries fashion with functionality
- Easy battery replacement

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Connections	ZigBee 3.0
Battery Life	More than one year (20 times per day)
Product Size	φ50×18mm
Battery Type	CR2032 battery
Low Battery Indication	Support

Gas Sensor

A must-have home tech for eliminating any health and safety risks



- Standard ZigBee protocol with strong compatibility
- Ultra-low power consumption
- AC powered, plug in and start
- Interchangeable plug for users in various countries
- Resistance to interference from smoke and oil stains
- Function as a wireless repeater
- Accurate auto-calibration
- Built with flame-retardant materials

Specification

Power Supply	12VDC
Working Temperature	10°C ~ 55°C
Working Humidity	0 ~ 95%RH
Connections	ZigBee 3.0
Product Size	φ85×29.6mm
Standby Current	≤ 200mA
Detected Gas	Natural gas (Methane)
Alarm Sound Pressure	≥ 72dB (1m in front of the gas detector)
Alarm Concentration	8% LEL Methane ± 3% LEL

Human Presence Detector

24GHz radar with high-gain antenna for accurate indoor human movement detection



- Accurately input human-existing/no-human signals
- Accurately input ambient illuminance
- International standard: 24 GHz ISM Band Millimeter Wave Radar
- Presence detection diameter: 6-8m Max
- Minor Moving detection diameter: 8-10m Max
- Moving detection diameter: 8-10m Max

Specification

Power Supply	220 ~ 240VAC, 50/60Hz
Working Temperature	0°C ~ 50°C
Connections	2.4 ~ 2.484GHz ZigBee Transmitting Frequency
Illuminance	5 ~ 1200Lux
Detection Radius	Movement: 4 ~ 5m (at 3m height)
Detecting Angle	100° (XZ field) and 100° (YZ field)
Install Height	2.5 ~ 4.0m (typical value: 3m)
Connections	RS485/KNX/UART(Third party module)

Motion Sensor

Bring more convenience to your home



- Standard ZigBee protocol with strong compatibility
- Low power consumption with battery lifespan up to years
- Easy installation by simply setting it on a table or adhering it to a wall
- Support undervoltage alarm
- Tamper alarm for enhancing device security

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Connections	ZigBee 3.0
Battery Life	3 years
Product Size	φ48.4×53.4mm
Battery Type	CR123A battery
Detection Radius	8m
Detecting Angle	90°
Install Height	2.2m
Undervoltage Alarm	Support

Smart Lock

Advanced smart lock with encryption, multiple access methods, and ergonomic design



- Support 4585 22x240 Lock body
- Living biometric fingerprint identification algorithm
- Support temporary password
- Support advanced security mode: any types of fingerprint, password, and IC card can be freely combined
- Fingerprint sensing, improve the false rejection rate, reduce the false recognition rate
- Super C-class anti-theft lock cylinder, the security level exceeds the national standard

Specification

Power Supply	6VDC
Working Temperature	-25°C ~ 60°C
Working Humidity	20 ~ 90%RH
Dynamic Current	≤ 180mA
Standby Time	6 months
Reaction Time	≤ 0.1 Second
Fingerprint Identification Angle	360°
Lock Method	fingerprint; password; IC card unlock; key unlock; remote control
Ingress Protection Rating	IP65
Battery Type	4 AAA alkaline dry batteries
False Recognition	≤ 0.0001%
Password Digits	4-8 digit password
Fingerprint Capacity	100 pieces

Smoke Sensor

Take immediate action when a fire just starts



- Standard ZigBee protocol with strong compatibility
- Super low power consumption
- Easy installation – just install and use
- Support remote hush function via an app
- Stylish patented design that marries fashion with functionality
- Support undervoltage alarm
- Easy battery replacement

Specification

Power Supply	3VDC
Working Temperature	-10°C ~ 55°C
Connections	ZigBee 3.0
Battery Life	More than one year (20 times per day)
Product Size	φ90×37mm
Battery Type	CR123A battery
Alarm Sound Pressure	≥ 85dB (3m in front of the smoke detector)
Installation	Ceiling

Smart Valve

Effortless water system management



- Support both ZigBee and Wi-Fi connectivity
- Specifically designed for efficient water pipe control
- Constructed with a flame-retardant ABS housing
- Function effectively within a temperature range of -10 to 50°C
- Capable of handling valve pressure up to 16MPa

Specification

Power Supply	12VDC
Working Temperature	-10°C ~ 50°C, without condensation
Connections	ZigBee 3.0
Product Size	93.5×70×78.5mm
Motor Power	5W
Valve Pressure	1.61pa
Torque	40kg.t.cn
Automatic Mixing Valve Time	5 ~ 10 seconds
Electric Actuation Time	5 ~ 10 seconds
Valve Specifications	13 mm, 20 mm, 1 inch

More

IR Controller

Make legacy devices part of the smart home ecosystems



- Standard ZigBee protocol with strong compatibility
- Easy installation – just install and use
- Support thousands of popular brands, enabling control of air conditioning, TV, and other devices
- Wide infrared signal coverage spanning 10-15 meters
- Extensive wireless range, reaching up to 70 meters in open environments
- Built-in temperature and humidity sensor
- Infrared learning support

Specification

Power Supply	5VDC
Working Temperature	-10°C ~ 55°C
Working Humidity	10 ~ 90%RH
Product Size	φ80×48mm
Wireless Distance	≤ 70m (open environment)
Infrared Frequency	38KHz
Infrared Signal Coverage	Horizontal 360°, vertical 180° (hemisphere range), 10-15m
LED Indicator Light	Support
Buzzer	≤ 55dB
Infrared Learning	Support
Temperature Sensor	±1°C, range: -10°C ~ 55°C
Humidity Sensor	±5%, range: 10 ~ 90%RH, without condensation
Material	PC+Infrared transmission material





BelaHome App

Embrace the simplicity and convenience of device management, scene customization, smart intercom, and more – all at your fingertips.



Smooth Whole Home Control

Effortlessly oversee all your smart home devices, regardless of your location.



Efficient Device Group Control

Create device groups for streamlined control of multiple devices with a single tap.



Effortless Door Intercom

Enjoy crystal-clear audio and video calls with visitors and efficiently manage door access.



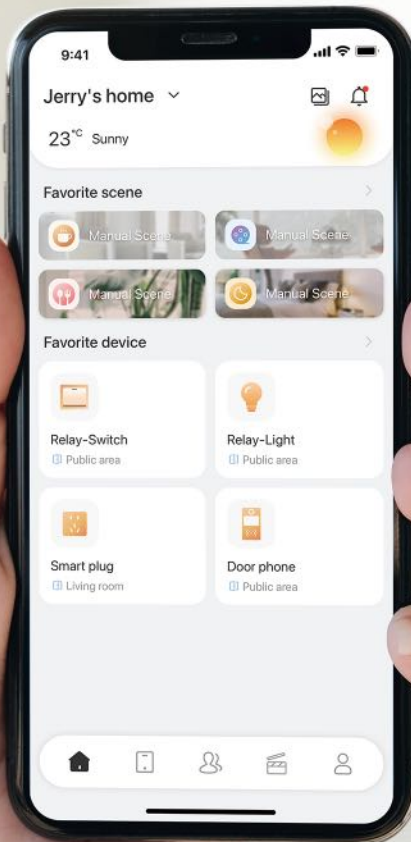
Personalized Scene Customization

Create and access customized scenes and schedules for your home systems.



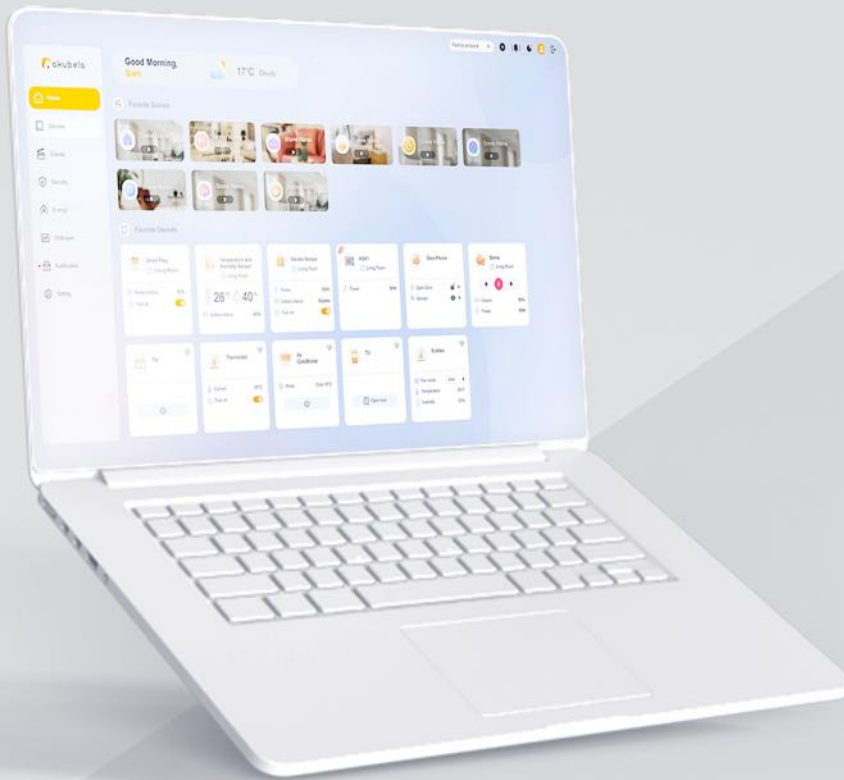
Instant Alarm Alert Notifications

Stay informed with instant alarm alerts, enabling you to monitor your home in real-time.



BelaHome Web

BelaHome Web, a powerful PC-based platform, puts you in control of your home. Effortlessly manage all your smart devices and experience efficient creation of customized scenes. No technical expertise needed – simply adapt your smart home to your lifestyle and preferences.



- **Brand-Agnostic Convenience**

No more juggling between apps. BelaHome Web supports a wide range of brands and device types, offering a unified control experience.

- **Energy Management Made Easy**

Stay updated on real-time energy consumption and soon manage energy usage to save on household expenses.

- **Personalized Automation**

Tailor automation scenes to align with your preferences and daily routines. Creating and managing scenes is now a breeze.

- **Enhanced Security Configuration**

Remote control and monitoring, automatic arming and disarming - all through the Web, eliminating human errors.

- **User-Friendly Design**

With clear navigation and an intuitive layout, BelaHome Web ensures effortless adjustments and easy exploration.



akubela Cloud

akubela Cloud is a management platform designed for smart home installers. With akubela Cloud, you gain the capability to effectively oversee and execute smart home projects while seamlessly integrating with third-party ecosystems.

Efficient Project Management

From individual residences to apartment complexes and entire communities, akubela Cloud accommodates a variety of smart home projects. Simplify the management of projects, devices, and users through its intuitive controls.

Swift Bulk Deployment

Leverage our home layout templates to apply the same device inventory, security settings, and scenes to numerous households, ensuring the rapid deployment of multi-residential projects.

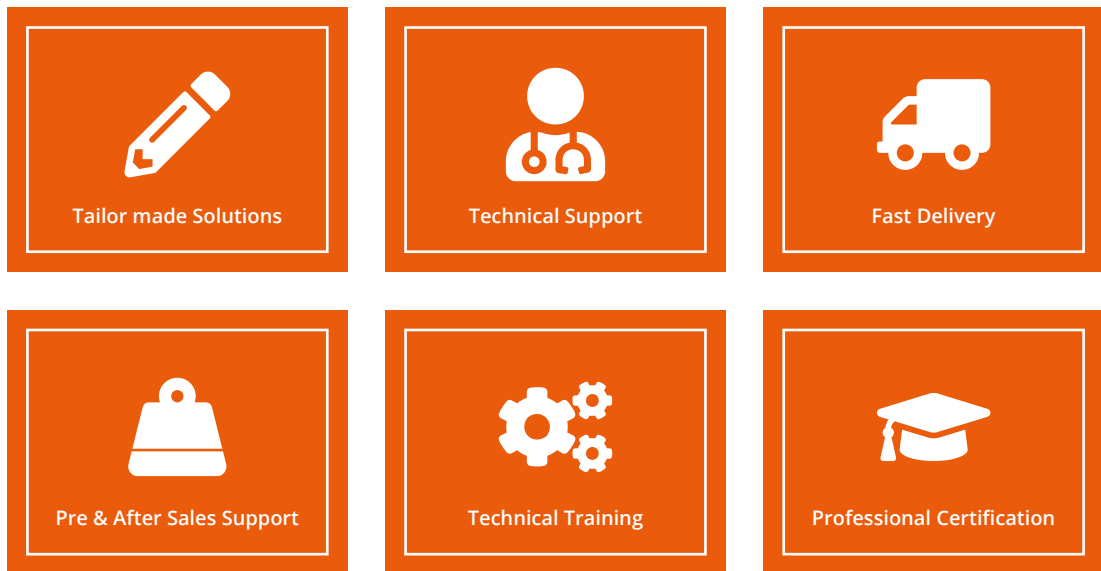
Streamlined Device Maintenance

The portal empowers installers to monitor real-time device performance, upgrade systems, and configure data for optimal functionality remotely from a PC – eliminating the need for on-site visits.

Seamless Third-Party Integration

Open interface protocols for cloud-to-cloud integration are readily accessible, facilitating seamless incorporation with third-party systems such as Amazon Alexa, Google Home, and Apple HomeKit.

Our **Partners** Enjoy



Together **We Work**, Together **We Thrive!**

Become our **Partner**

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