



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.



akuvela
a vibrant smart home brand
by the Akuvox Company



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



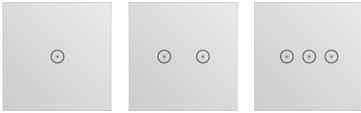
More than mere illumination, light holds the key to enriching your home experience. akubela's Lighting System offers versatile wired and wireless connections, enabling seamless on/off switching, dimming, color adjustments, and

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

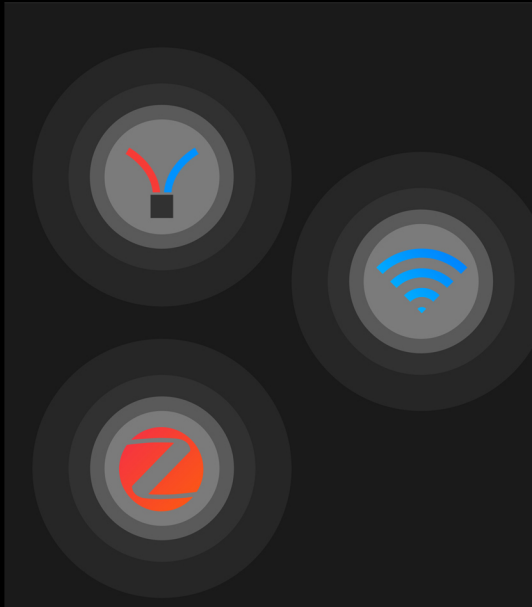
The embedded wall switch module smoothly integrates into conventional switches or sockets, elevating them into the realm of "smart" devices. With this module, lighting devices can be remotely controlled and interact intelligently with other devices.



Smart Motion Sensor

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.



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



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



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



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



Wired



ZigBee



Wi-Fi



Infrared remote

Climate | Embrace Cozy Comfort

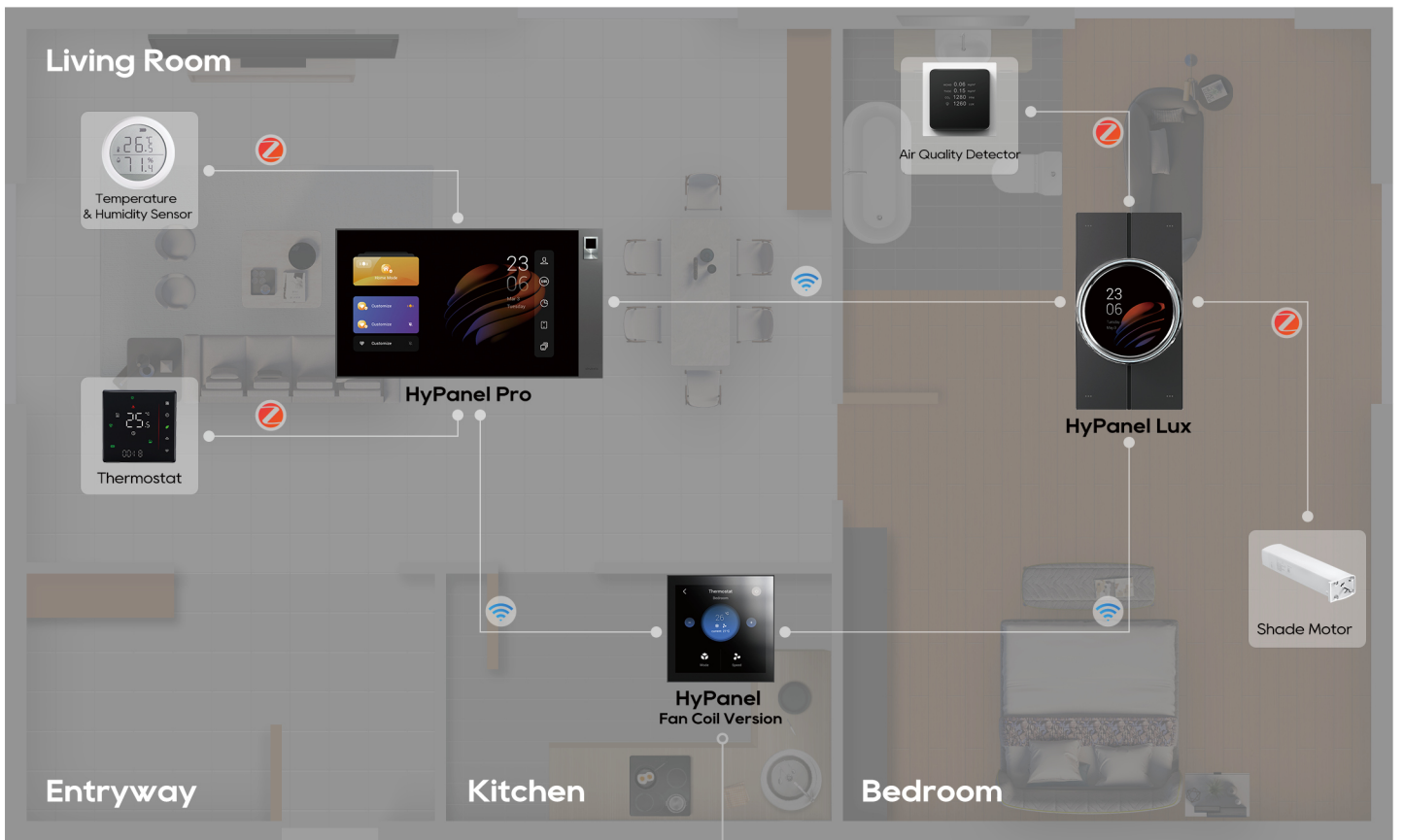


Immerse yourself in the soothing comfort of your home with precise and proactive climate management. From effective heating and cooling to refreshing ventilation, our system ensures a healthy and cozy indoor atmosphere. Versatility

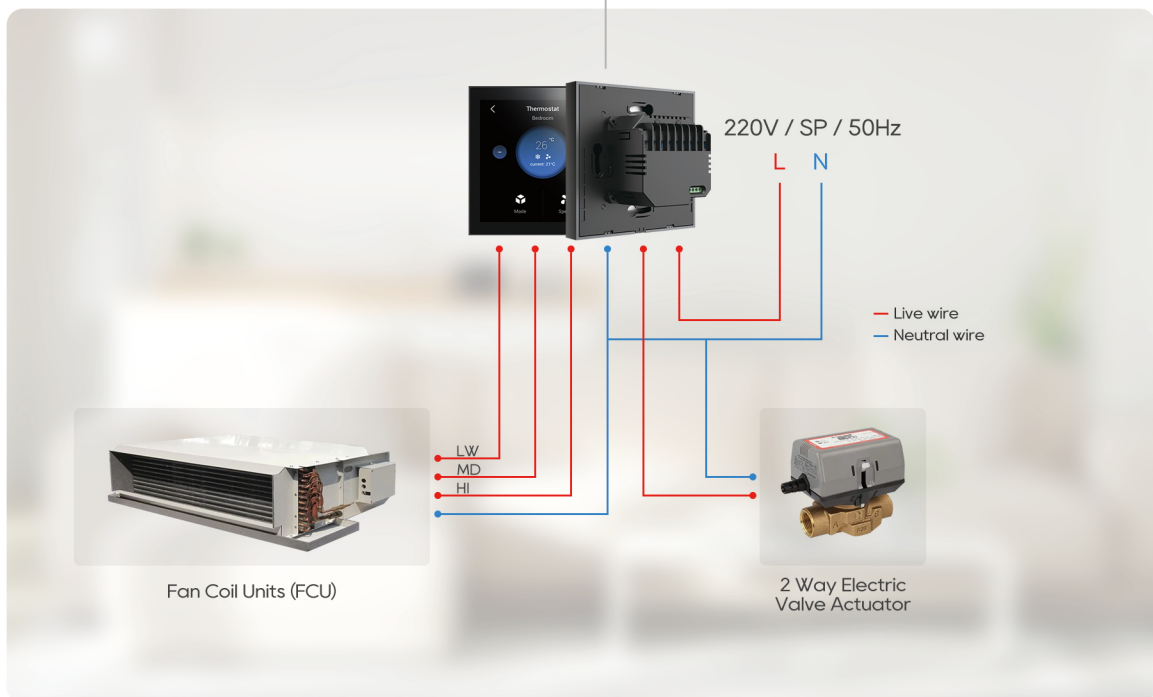
is at the heart of our system, supporting multiple connectivity options and adapting to various HVAC systems worldwide. Crafting the perfect ambiance is a breeze.



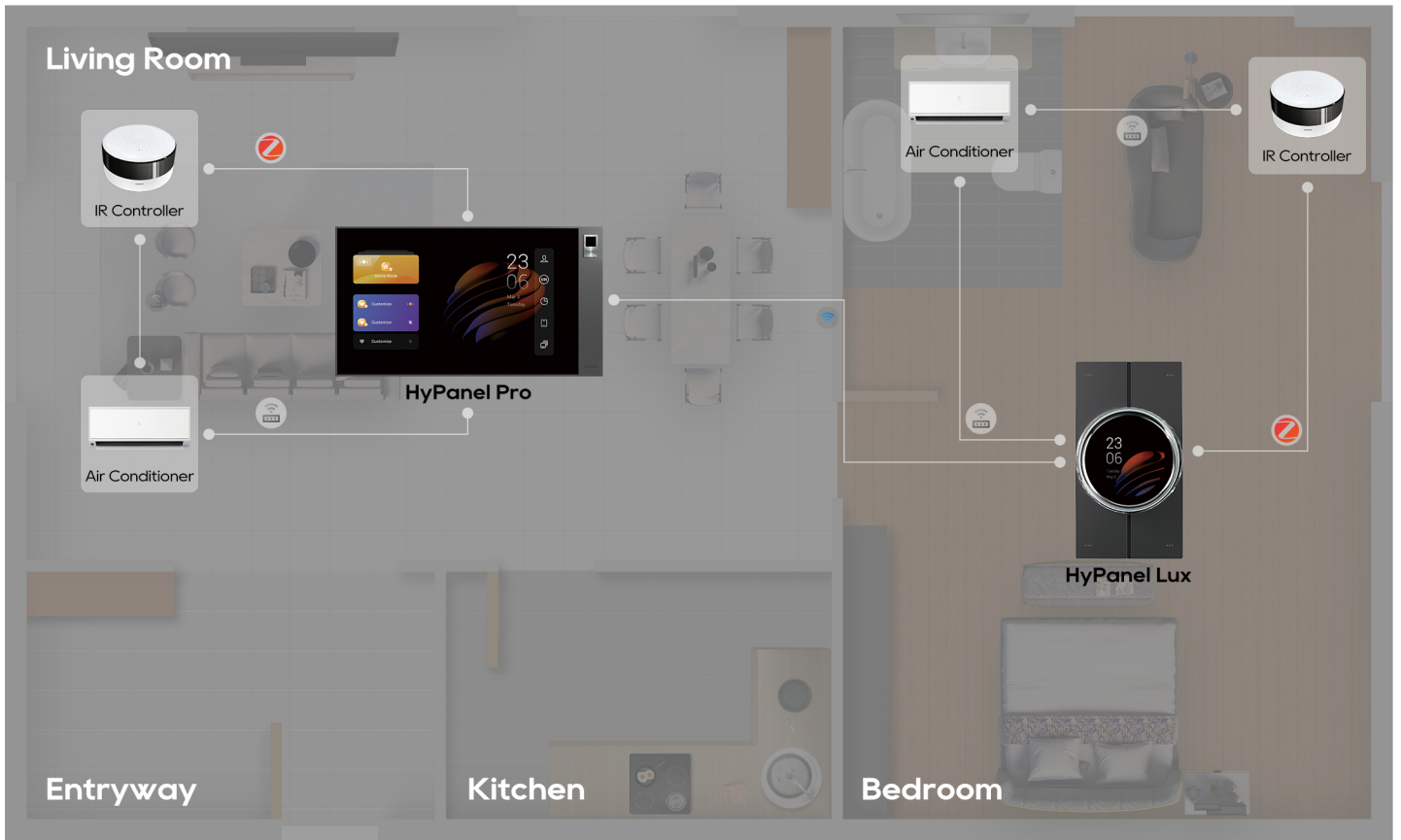
Fan Coil Solution



-  Live & neutral wires
-  ZigBee
-  Wi-Fi/Ethernet



Infrared Solution



Infrared
 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.



FanCoil 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.

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 HVAC devices through wired or wireless connections.



Video surveillance



Intrusion detection



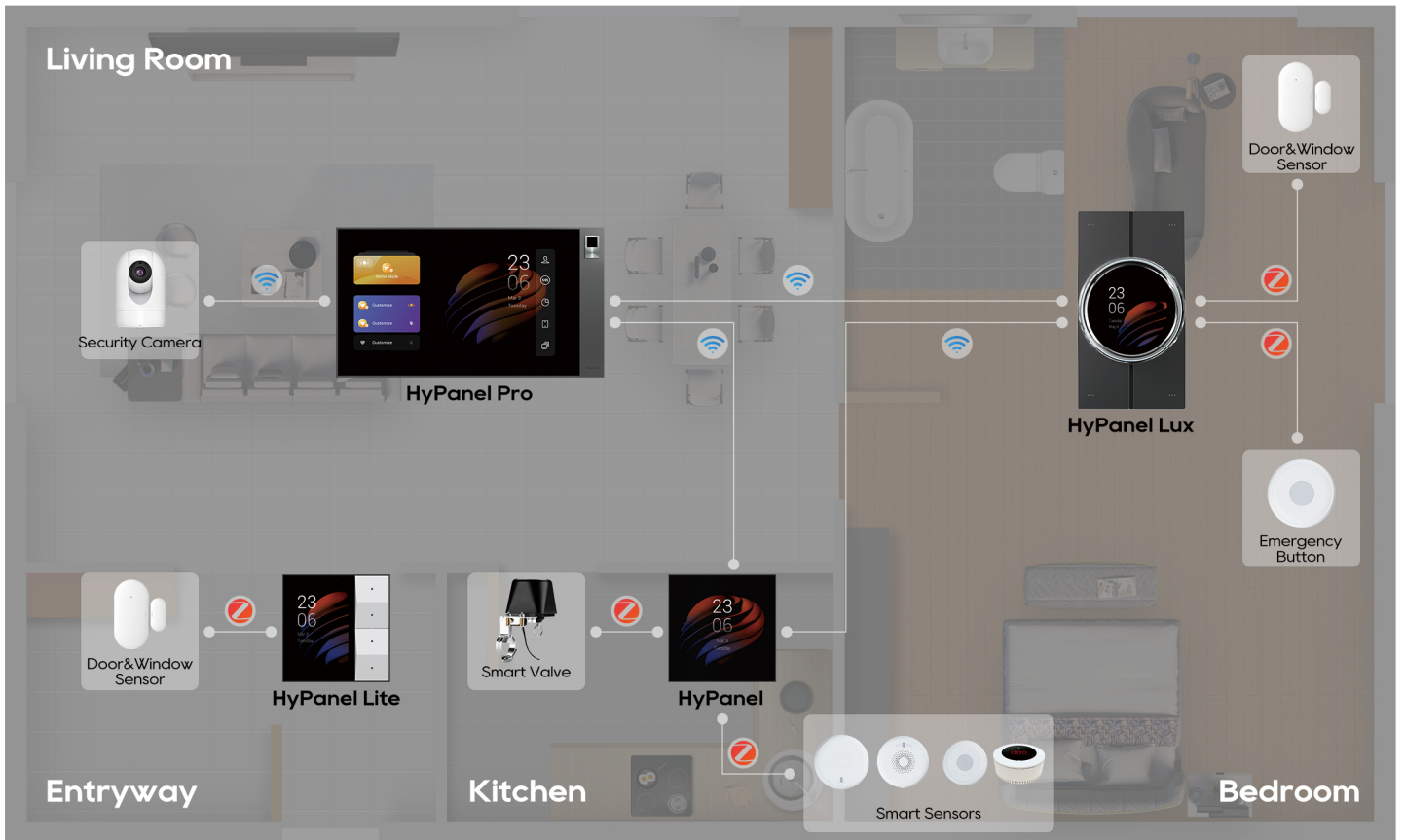
Sensor alarms

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.



ZigBee Wi-Fi/Ethernet

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, 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 flooding, potential fires, and gas-related incidents.



Security Camera

Strategically placed, the surveillance camera provides live video feeds, delivering comprehensive family safety and monitoring, particularly beneficial for the security of older adults and children.

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**

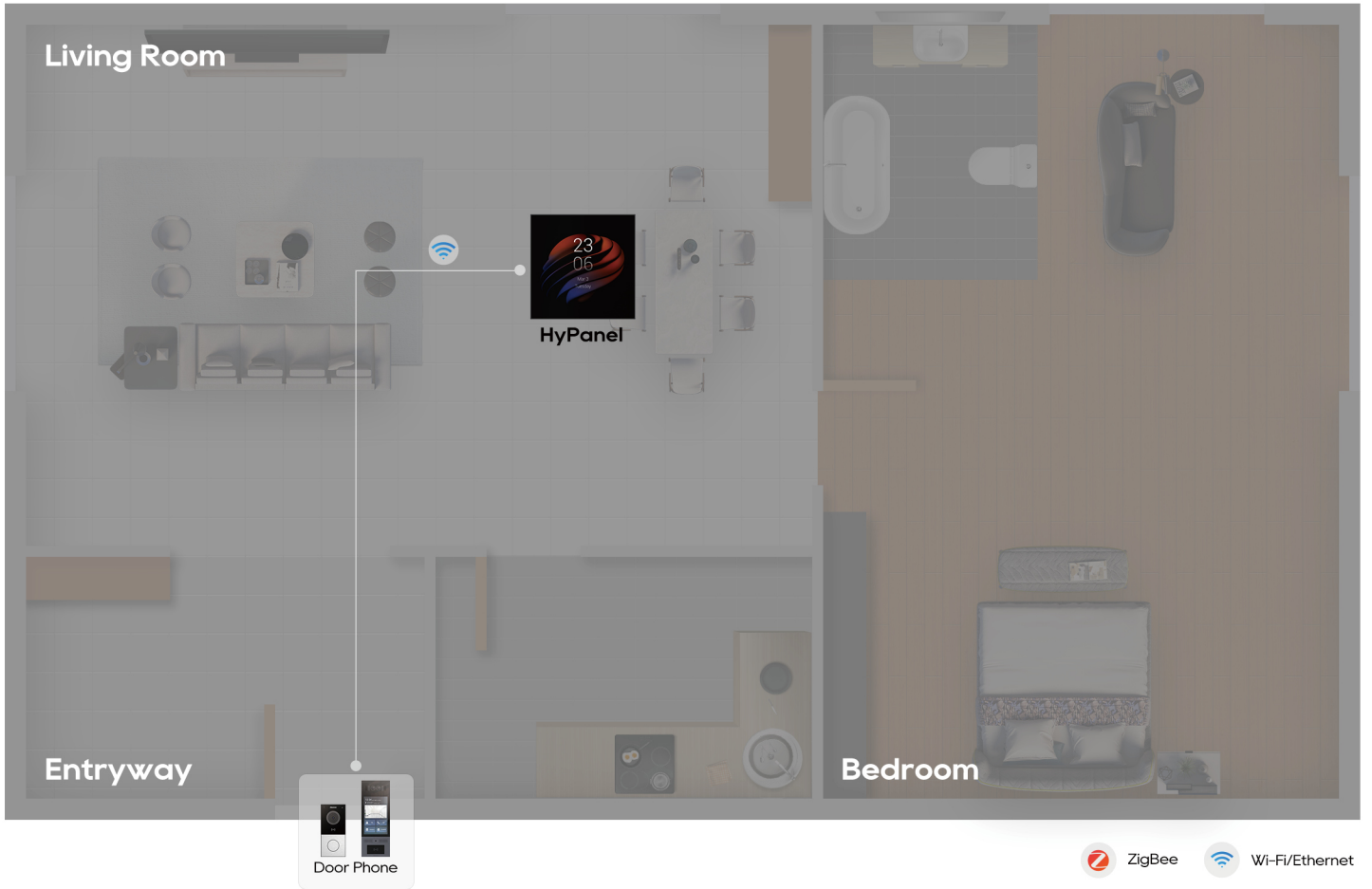
Experience seamless control by arming or disarming your home security with a single tap, eliminating the need to toggle each electronic device manually. Additionally, you can control it via the akubela mobile app anywhere, anytime.

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

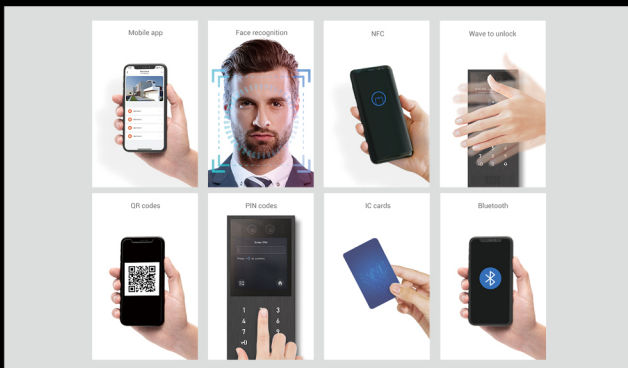
The smart video intercoms synergize cutting-edge technologies encompassing AI, SIP, Android, cloud computing, and security. The products offer superior audio and video call quality and support an array of access credentials – from Bluetooth and facial recognition to QR codes and mobile apps – crafting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

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 Pro

The Mastermind of Your Smart Home

- Android 10 system
- 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 Neutral required	IEEE802.3af PoE & 12-24V DC	180~260VAC,50Hz Neutral required	IEEE802.3af PoE & 12-24V DC
Operation System	Android 10			
RAM/ROM	2GB/16GB			
Network	Wi-Fi 2.4GHz/5GHz & Bluetooth 4.2 & ZigBee 3.0 & ETH			
Material	Metal			
Screen Size	8"			
Screen Resolution	1280×800 pixels			
Sensors Built-in	Proximity Sensor; Light Sensor; Temperature Sensor; Humidity Sensor			
Microphone	Dual microphones			
Speaker	Single speaker			
Infrared remote control	Support			
RS485	-	Support	-	Support
Camera	5M pixel camera with privacy shutter		-	-
Output	2-gang,1200W total; 800W/gang for resistive; 400W/gang for LED/CFL	-	2-gang,1200W total; 800W/gang for resistive; 400W/gang for LED/CFL	-
Installation	EU/UK backbox			
Working Humidity	10%~90%RH, without condensation			
Working Temperature	-10°C ~ +55°C			
Storage Temperature	-20°C ~ +70°C			



HyPanel Lux

Your Everyday Luxury

- Android 10 system
- 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 Neutral required	IEEE802.3af PoE & 12-24V DC	180~260VAC,50Hz Neutral required	90-260VAC, 50/60Hz Neutral required
Operation System	Android 10			
RAM/ROM	1GB/8GB			
Network	Wi-Fi 2.4GHz/5GHz & 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 Sensor; Light Sensor; Temperature Sensor; Humidity Sensor			
Microphone	Dual microphones			
Speaker	Dual Speakers			
RS485	-	Support	-	-
Infrared remote control	Support			
Output	2-gang,1200W total; 800W/gang for resistive; 400W/gang for LED/CFL	-	1-gang, 300W total; 300W/gang for resistive; 150W/gang for LED/CFL	1-gang, 400W total; 200W/110V/gang for resistive; 400W/220V/gang for resistive; 150W/gang for LED/CFL
Installation	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 system
 - 4-inch multi-touch screen
 - Two touch buttons
 - Built-in sensors
 - Built-in voice assistant
 - ZigBee/Wi-Fi/Bluetooth/Ethernet connections

HyPanel Plus



Model	PS52-R2-EU	PS52-D1-US
Power Supply	180~260VAC,50Hz Neutral required	90~260VAC,50/60HZ Neutral required
Operation System	Android 12	
RAM/ROM	1GB/8GB	
Network	Wi-Fi 2.4GHz/5GHz & Bluetooth 4.2 & ZigBee 3.0 & ETH	
Material	Metal	
Screen Size	4"	
Screen Resolution	480x480 pixels	
Sensors Built In	Proximity Sensor; Light Sensor; Temperature Sensor; Humidity Sensor	
Microphone	Dual microphones	
Speaker	Single speaker	
RS485	-	-
Output	2-gang,1200W total; 800W/gang for resistive; 400W/gang for LED/CFL	1-gang, 400W total; 200W/110V/gang for resistive; 400W/220V/gang for resistive; 150W/gang for LED/CFL
Installation	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

The Simplicity of Design Powered by the Smartest Technology

- Android 10 system
- 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
Power Supply	180~260VAC,50Hz Neutral required	IEEE802.3af PoE & 12-24V DC	90~260VAC,50/60HZ Neutral required
Operation System	Android 10		
RAM/ROM	1GB/8GB		
Network	Wi-Fi 2.4GHz/5GHz & Bluetooth 4.2 & ZigBee 3.0 & ETH		Wi-Fi 2.4GHz/5GHz & Bluetooth 4.2 & ZigBee 3.0
Material	V0 fireproof PC		
Screen Size	4"		
Screen Resolution	480x480 pixels		
Sensors Built In	Proximity Sensor; Light Sensor; Temperature Sensor; Humidity Sensor		
Microphone	Dual microphones		
Speaker	Single speaker		
RS485	-	Support	Support
NTC	-	-	Measurement range: -30° C to +80° C, Accuracy: ±0.5° C
Output	2-gang,1200W total; 800W/gang for resistive; 400W/gang for LED/CFL	-	5 relays with resistive load up to 5A,with inductive load up to 3A each; 2 relays for cooling and heating valves; 3 relays for fan speed
Installation	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 system
- 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 Neutral required	IEEE802.3af PoE & 12-24V DC
Operation System	Linux	
DDR/Flash	128MB / 256MB	
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 Sensor; Light Sensor; Temperature Sensor; Humidity Sensor	
Microphone	Dual microphones	
Speaker	Single speaker	
RS485	-	Support
Output	2-gang,1200W total; 800W/gang for resistive; 400W/gang for LED/CFL	-
Installation	EU/UK backbox	
Working Humidity	10%~90%RH, without condensation	
Working Temperature	-10°C ~ +55°C	
Storage Temperature	-20°C ~ +65°C	

Add-ons





Smart Door & Window Sensor

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

- Standard ZigBee protocol with strong 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	
Module	MIR-MC100
Power supply	DC3V
Battery Type	CR2032 battery
Battery Life	More than one year (20 times per day)
Alarm Triggering Distance	23±5mm
Network	ZigBee 3.0
Material	ABS
Product Size	Transmitter: 52.6x26.5x13.8mm Magnet: 25.5x12.5x13mm
Low Battery Indication	Support
Installation	Stick
Working Temperature	-10°C ~+55°C
Working Humidity	0 ~ 95%RH



Smart Temperature & Humidity Sensor

Measure the temperature and humidity of your home with one device

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

Specification	
Model	MIR-TE100-TY
Power supply	DC3V
Battery Type	AAA battery*2
Battery Life	3 years
Connections	ZigBee 3.0
Material	ABS
Product Size	φ 61.2 x 23mm
Low Battery Indication	Support
Working Temperature	-10°C ~+55°C
Working Humidity	0 ~ 95%RH



Smart Gas Sensor

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

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

Specification	
Model	MIR-GA100-TY
Power supply	220V AC,50Hz
Standby Current	≤ 200 mA
Detected Gas	Natural gas (Methane)
Alarm Concentration	8% LEL Methane ± 3% LEL
Alarm Sound Pressure	≥ 72dB (1m in front of the gas detector)
Network	ZigBee 3.0
Material	PC + ABS
Product Size	φ 85×29.6 mm
Installation	Ceiling
Working Temperature	-10°C ~+55°C
Working Humidity	0 ~ 95%RH

Smart Smoke Sensor

Take immediate action when a fire just starts



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

Specification

Module	MIR-SM100-TY
Power supply	DC3V
Battery Type	CR123A battery
Battery Life	More than one year (20 times per day)
Alarm Sound Pressure	≥ 85dB (3m in front of the smoke detector)
Network	ZigBee 3.0
Material	Fire-proof PC+ Fire-proof ABS
Product Size	φ 90×37mm
Low Battery Indication	Support
Installation	Ceiling
Working Temperature	-10°C ~+55°C
Working Humidity	0 ~ 95%RH

Smart CO Sensor

Prevent poisoning, keep your family safe



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

Specification

Module	MIR-SO100-TY
Power supply	DC3V
Battery Type	CR123A battery*2
Battery Life	More than one year (20 times per day)
Alarm Concentration	200ppm
Alarm Sound Pressure	70dB
Range Display	0ppm-500ppm, show HHH Beyond Test Range
Network	ZigBee 3.0
Material	Fire-proof PC+ Fire-proof ABS
Product Size	φ 80×30.5 mm
Low Battery Indication	Support
Working Temperature	-10°C ~+55°C
Working Humidity	0 ~ 95%RH

Smart Flood Sensor

Alert you to minor leaks before they become harmful floods



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

Specification

Module	MIR-WA100-TY
Power supply	DC3V
Battery Type	CR2032 battery
Battery Life	More than one year (20 times per day)
Network	ZigBee 3.0
Material	ABS
Product Size	φ 50×18 mm
Low Battery Indication	Support
Installation	Laying flat
Working Temperature	-10°C ~+55°C
Working Humidity	0 ~ 95%RH



Smart Motion Sensor

Bring more convenience to your home

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

Specification	
Module	MIR-IR100-TY
Power supply	DC3V
Battery Type	CR123A battery
Battery Life	3 years
Detection	8m
Detecting Angle	90°
Network	ZigBee 3.0
Material	ABS
Product Size	φ 48.4×53.4mm
Low Battery Indication	Support
Installation	Laying flat
Working Temperature	-10°C ~ +55°C
Working Humidity	0 ~ 95%RH



Smart Emergency Button

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

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

Specification	
Module	MIR-SO100-TY
Power supply	DC3V
Battery Type	CR2032 battery
Battery Life	More than one year (20 times per day)
Network	ZigBee 3.0
Material	ABS
Product Size	φ 50×16mm
Low Battery Indication	Support
Working Temperature	-10°C ~ +55°C
Working Humidity	0 ~ 95%RH



Smart Plug (EU version)

Make your home appliances smarter

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

Specification	
Module	SM-PW732-EZ
Power supply	110V-240V AC,50/60Hz
Max.load	3500w for Resistive 300w for LED/CFL
Standby Power Consumption	< 0.5W
Network	ZigBee 3.0
Material	Fire-proof PC
Product Size	50×50×83.5mm
Working Temperature	-30°C ~ +70°C
Working Humidity	0 ~ 95%RH

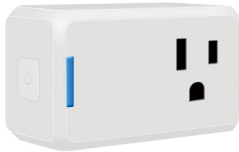


Smart Plug (UK version)

Make your home appliances smarter

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

Specification	
Module	SM-PW732-KZ
Power supply	110V-240V AC,50/60Hz
Max.load	3500w for Resistive 300w for LED/CFL
Standby Power Consumption	< 0.5W
Network	ZigBee 3.0
Material	Fire-proof PC
Product Size	φ 58×55.3mm
Working Temperature	-30°C ~ +70°C
Working Humidity	0 ~ 95%RH



Smart Plug (US version)

Make your home appliances smarter

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

Specification	
Module	SM-PW702-UZ
Power supply	110V-240V AC,50/60Hz
Max.load	3500w for Resistive 300w for LED/CFL
Standby Power Consumption	< 0.3W
Network	ZigBee 3.0
Material	Fire-proof PC
Product Size	69.9×39.8×31.4mm
Working Temperature	-20°C ~ +45°C
Working Humidity	0 ~ 80%RH



1 Gang ZigBee 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	
Module	QS-Zigbee-S05-LN
Power supply	110V-240V AC,50/60Hz
Max.load	2300W for Resistive
Standby Power Consumption	0.5W
Operation Frequency	2.400GHz-2.484GHz IEEE802.15.4
Operation Range	≤ 200m
Network	ZigBee 3.0
Material	PC
Product Size	46×46×18 mm
IP rating	IP20
Working Temperature	-10°C ~ +40°C
Working Humidity	0 ~ 95%RH



2 Gang ZigBee Switch Module

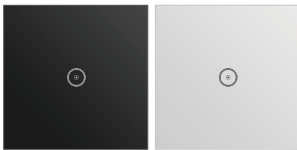
Transform a traditional switch into a smart ZigBee switch

- 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	
Module	QS-Zigbee-S04-2C-LN
Power supply	110V-240V AC,50/60Hz
Max.load	2300W total for Resistive 1150W each load.for Resistive
Standby Power Consumption	0.5W
Operation Frequency	2.400GHz-2.484GHz IEEE802.15.4
Operation Range	≤ 200m
Network	ZigBee 3.0
Material	PC
Product Size	46×46×18 mm
IP rating	IP20
Working Temperature	-10°C ~ +40°C
Working Humidity	0 ~ 95%RH

1 Gang Smart Switch

Replace your old, outdated light switches with ease

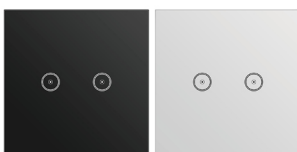


- Standard ZigBee protocol with strong compatibility
- Support remote control via a mobile app or a smart home panel
- Super low power consumption
- Wide voltage range
- Vandal-resistant glass panel
- Highly responsive touch button
- Easy to set up and use

Specification	
Module	SM-SW101-1Z
Power supply	110V-240V AC,50/60Hz
Max.load	1000w for Resistive 300w for LED/CFL
Standby Power Consumption	<0.5W
Network	ZigBee 3.0
Material	3MM toughened glass
Product Size	86×86×36.5mm
Life Long	more than 100,000 times
Working Temperature	-30°C ~ +70°C
Working Humidity	0 ~ 95%RH

2 Gang Smart Switch

Replace your old, outdated light switches with ease

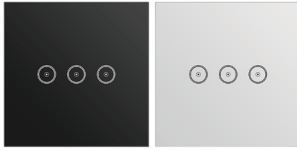


- Standard ZigBee protocol with strong compatibility
- Support remote control via a mobile app or a smart home panel
- Super low power consumption
- Wide voltage range
- Vandal-resistant glass panel
- Highly responsive touch button
- Easy to set up and use

Specification	
Module	SM-SW101-2Z
Power supply	110V-240V AC,50/60Hz
Max.load	Total 1000w for Resistive Total 300w for LED/CFL
Standby Power Consumption	<0.5W
Network	ZigBee 3.0
Material	3MM toughened glass
Product Size	86×86×36.5mm
Life Long	more than 100,000 times
Working Temperature	-30°C ~ +70°C
Working Humidity	0 ~ 95%RH

3 Gang Smart Switch

Replace your old, outdated light switches with ease



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

Specification	
Module	SM-SW101-3Z
Power supply	110V-240V AC,50/60Hz
Max.load	Total 1000w for Resistive Total 300w for LED/CFL
Standby Power Consumption	<0.5W
Network	ZigBee 3.0
Material	3MM toughened glass
Product Size	86×86×36.5mm
Life Long	more than 100,000 times
Working Temperature	-30°C ~ +70°C
Working Humidity	0 ~ 95%RH

Smart Valve

Effortless water system management



- Specifically designed for efficient water pipe control
- Support both ZigBee and Wi-Fi connectivity
- 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	
Module	SM-AW713Z
Power supply	DC12v/1.5s
Motor Power	5W
Valve Pressure	1.61pa
Torque	40kgt.cm
Automatic Mixing Valve Time	5~10 seconds
Electric Actuation Time	5~10 seconds
Valve Specifications	4 points, 6 points, 1 inch
Network	ZigBee 3.0
Material	ABS
Product Size	93,5×70×78.5mm
Working Temperature	-10°C ~ +50°C , without condensation
Working Humidity	0 ~ 95%RH

IR Controller

Make legacy devices part of the smart home ecosystems



- Support thousands of popular brands, enabling control of air conditioning, TV, and other devices
- Standard ZigBee protocol with strong compatibility
- 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
- Easy installation—just install and use

Specification	
Model	IR21
Power supply	Micro-USB DC5V 1A
Network	ZigBee 3.0
Material	PC+Infrared light transmission material
Product Size	∅ 80 × 48mm
Infrared	Frequency: 38KHz, Signal Coverage: Horizontal 360°, vertical 180° (hemisphere range), 10-15m
Infrared learning	Support
Sensors Built In	Temperature Sensor; Humidity Sensor
LED indicator light	Support
Buzzer	≤ 55dB
Installation	Stick and play
Working Temperature	-10°C ~+55°C
Storage Temperature	-20°C ~+70°C

Shade Motor (ZigBee)

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

Module	MP46
Power supply	0.25A, 220V AC, 50Hz
Network	ZigBee 3.0
Protection class	IP41
Rated speed	75/90/110 rpm
Rated torque	1 N.m
Reception frequency	433.92MHz ± 75KHz
Reception bandwidth	150KHz
Reception modulation	OOK/ASK
Sensitivity	-107dBm
Reception channels	16 channels

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

Module	PMT300-SGM-ZTN
Power supply	100V~240V AC
Display	TFT screen
Network	RS485/ZigBee and other wireless(subject to specific models)
Working Temperature	-10°C ~ +55°C
Working humidity	0 ~ 95%RH
Product Size	86×86×59mm

FanCoil Thermostat (ZigBee)

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

Module	BAC-006
Power Supply	95~240V AC, 50~60HZ
Power Consumption	<1.5W
Set Temp. Range	5 - 35 °C
Accuracy	±0.5 °C
Display Temperature Range	5 ~ 99 °C
Protection Class	IP20
Material	PC +ABS (Fireproof)
Working Temperature	0 ~ 45 °C
Working Humidity	5 ~ 95%RH
Storage Temp	-5 ~ 45 °C
Product Size	86 x 86mm Square or European 60mm Round Box Wire





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.



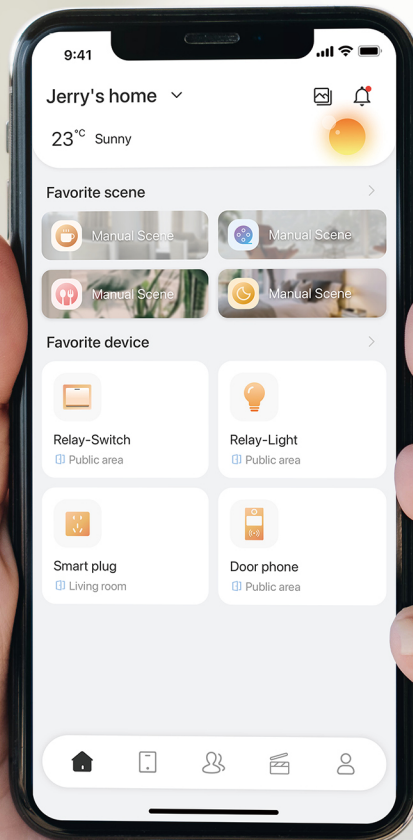
Personalized Scene Customization

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



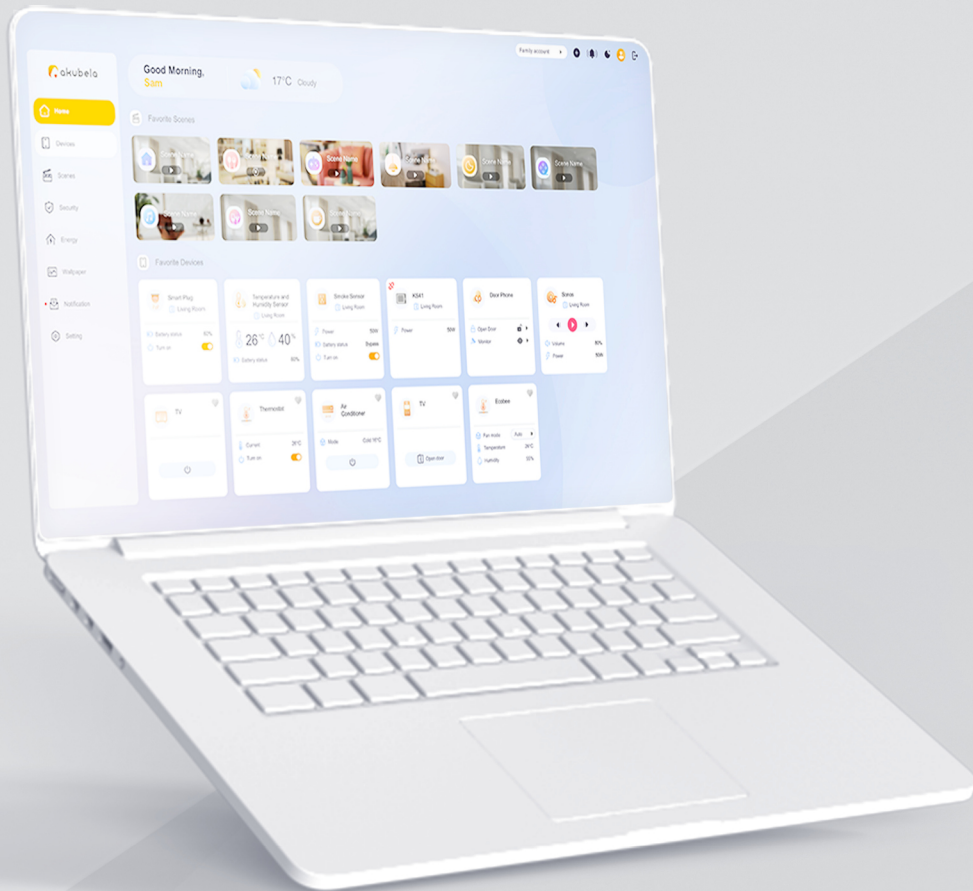
Instant Alarm Alert Notifications

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.



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