



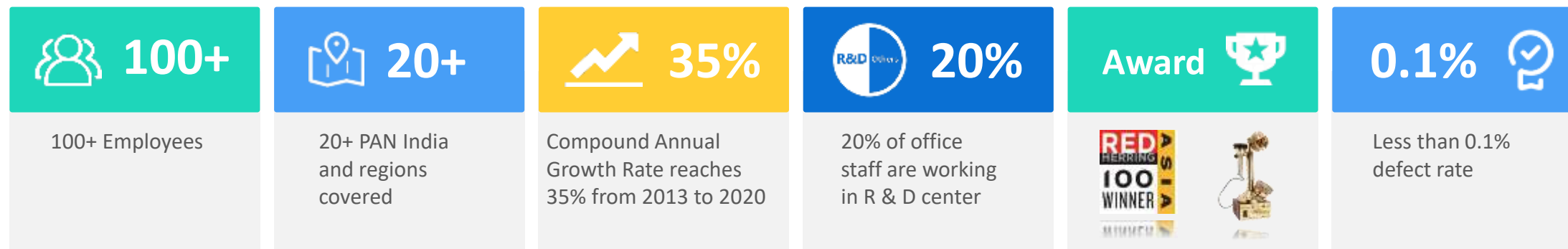
Empowering Communication

Innovate. Integrate. Connect.



Cohesive Technologies Pvt. Ltd

About Cohesive Technologies



 CS-4, 5 & 6, 4th Floor, Ansal Plaza, Sector 3 Vaishali, Ghaziabad (Uttar Pradesh.) 201010

 169, FIE, 1st Floor Patparganj Industrial Area, Delhi-110092, India

[Product Categories](#)

Segment We Cater & Technology Partners



Enterprise	Education	Healthcare	Residential	Automobile	Telecom	Financial



Product Portfolio



IP Voice Telephony & IP Hotel Phones

- 2 - 6 SIP accounts
- Common-area phones
- color screen, HD audio
- Noise-shield technology
- Enterprise-grade security
- WiFi Cordless IP Phone
- Bluetooth, wifi, BLF Keys



IP Video Telephony

- 16 SIP ac, Video Calling
- Instant Messaging
- Bring Your Own Device (BYOD)
- Security and On-Premise Access
- Employee Access
- Huddle Rooms



Answering Units

- Luxury design with top materials
- Smartphone as answering unit
- Home automation integration
- HD quality sound with ambient noise suppression



SIP Door Intercom

- Intercom is a first access control device you will get in touch before you enter a building
- It has to look very luxury in villas or MDUs
- HD audio & video quality



Unified Communications

- Upto 5000 Extension
- Redundancy, voicemail, Recording
- call center features
- Integrated with 3 party products
- Linkus App, Auto Dialer
- Automatic Call Distribution



Smart Home Automation

- Smarter Home,
- Sweeter Life,
- Zigbee Hub.
- Intercom. Smart Home Control Panel in One



Gateways & ATAs

- E1/T1/J1 Ports
- FXS & FXO Ports
- Voice Conferencing
- concurrent calls
- Nat Traversal



IP Access Control & SW

- Slimline design
- Fastest mobile access
- Bluetooth, IP55 and IK07
- Controller and reader in one
- Encrypted two-way communication
- Perfect for the office or outdoor



Audio/Video Conferencing

- Runs on Android 9.0 operating system
- Support for up to 300 participants and 120 video feeds per session; up to 10 simultaneous sessions
- video and audio recording
- 1080p Full-HD video
- Bluetooth, WiFi support
- Built-in Mic/Speaker
- PAN, TILT, ZOOM - camera
- IPVideoTalk Meetings Platform

Product Portfolio continue...



IP & Analog Industrial Phone

- Hazardous & Non Hazardous
- Water Tight, Weather/Water Resistant Phones
- Food Industry Industrial Telephone
- Correctional Institute Industrial Telephone

Elevator Management

- Convenient for the residents to get in and out without cards to avoid residents



Wireless Access Points & Routers

- OFDMA technology
- Range upto 300 meters
- IP66-level weatherproof capability
- GWN Cloud, GWN Manager, Embedded Controller



SIP Surveillance

- Introduced H.265+ & Starlight & WDR
- Debut of the unrivaled Mini PTZ Bullet Camera
- New technologies: Auto Tracking, Advanced Heat Map and High-quality Deblur...
- Release AI ANPR solution & Pro Bullet Plus (with 3D Radar Module)
- Launch enterprise VMS



Call center solutions

- Inbound/Outbound calls
- Contact center on cloud
- IVR, Auto dialer, Automatic Call Distributor
- Hosted Call Center



Personal Collaboration Devices

- RJ9, USB & Wireless Headset
- USB Webcam supports 1080p Full HD video
- Designed for remote workers, contact centers and other busy environments.
- Comfortable, cost effective, durable headset for Soho, VoIP, IP-phone
- Light weight design, practical IP telephony sound quality

Networking Switches

- GREEN Networking, smart LCD
- Port VLAN, Watch Dog
- IP65, support 30-60W each port
- Redundant Power
- Industrial switches (-40°C ~ 80°C)
- Solar UPS/ outdoor Weather-Proof Switches
- 250 m CCTV Long-Range switches



SIP Public Address System

- SIP/Multicast/Informacast/Syn-App
- Serverless IP paging solution
- Communication with SIP devices
- Integration with VMS via ONVIF
- Loudest Sound in the market





A harmonious
akubela smart home



Communication



Security



Sustainability

Smart Panels



SIP



Embedded
Controller

HyPanel Series





HyPanel

[Play now!](#)



Automatic screen wake-up
when approached



Android 10
system



Dual
microphones

Sensors

built-in

4-inch

multi-touch
screen

**4-core
CPU**

improving
performance

**Voice
assistant**

built-in

**ZigBee/Wi-Fi
/BT/Ethernet**

supported

SIP

HomeCentre / ZigBee Gateway



HyPanel Lux

Play now!



Rotating knob
supporting two modes



Android 10
system



Dual
microphones



Infrared
remote control



Sensors
built in

4 AG-glass
physical buttons

2.3-inch
multi-touch screen

Voice
assistant
built-in

ZigBee/Wi-Fi
/BT/Ethernet
built-in

SIP

HomeCentre / ZigBee Gateway



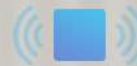
HyPanel Pro



5M camera
embedded



Android 10
system



Dual
microphones



Metal
frame



Sensors
built in

Infrared

remote control

8-inch

multi-touch screen

Voice
assistant

built-in

ZigBee/Wi-Fi
/BT/Ethernet

built-in

HomeCentre
/ ZigBee Gateway

SIP



Play now!



akubela

HyPanel Ultra

Unmatched Visual Experience in a 10-inch Control Panel



SIP



Play now!

HomeCentre
/ ZigBee Gateway

Exceptional Visual Delight

With its 2K resolution and striking brightness, the HyPanel Ultra delivers every detail with crystal-clear clarity and vividness on its 10-inch display, much like an iPad in your hands. With a high screen-to-body ratio, users enjoy a more immersive viewing experience and improved usability with more content on a single screen.



10-inch

Display

2.0K

Resolution

1:0.618

Golden aspect ratio

350nits

Brightness

Versatile Connectivity



6 channels
dry contact

8 digital inputs



WIFI 6



Bluetooth 5.0



Android 12

RS485

Ethernet

3rd-party apps

akubela HyPanel Supreme

Just wave, and smart living
magically happens.



SIP

Play now!



Immerse Yourself in Top-of-the-line Visuals

As its name implies, the Supreme is designed to offer you a superior visual experience with a large operational range on a single screen and enhanced UI precision and realism, allowing you to interact elegantly with various devices and systems.



12.36-inch

Display

2.5K

Resolution

1:0.618

Golden aspect ratio

400nits

Brightness



**6 channels
dry contact**

8 digital inputs

RS485

APK integration

3rd-party apps

WIFI 6

Bluetooth 5.0

ZigBee 3.0

Wave for Smart Home Wonders

HyPanel Supreme supports cutting-edge hand gesture control. Swift hand movements effortlessly command your smart home, letting you have full control.



Customize the operation for hand gestures, e.g. up and down to trigger the movie scene



Touchless control, even with hands dirty from cooking



Precise gesture recognition, even when you wear gloves



Sensor-based recognition, eliminating privacy concerns of camera-dependent recognition

A Masterpiece in Communication & Automations

 **zigbee 3.0** WIRELESS SOLUTIONS

BELIEVABLE PRICES

HUE BULB



SMART SOCKET WITH USB



SMART PLUG

Home Mode ... Light

Lock ... Movie Mode

Party Mode ... Sleep Mode

1/2/3/4 GANG SWITCH

HYPANEL KEYPLUS (KS53)

Play now!

SIP

KNX

 **zigbee**



Indicators



Fan



Bell



Shade



TV



Light



Switch



Sensor



Thermostat

**HomeCentre
/ ZigBee
Gateway**

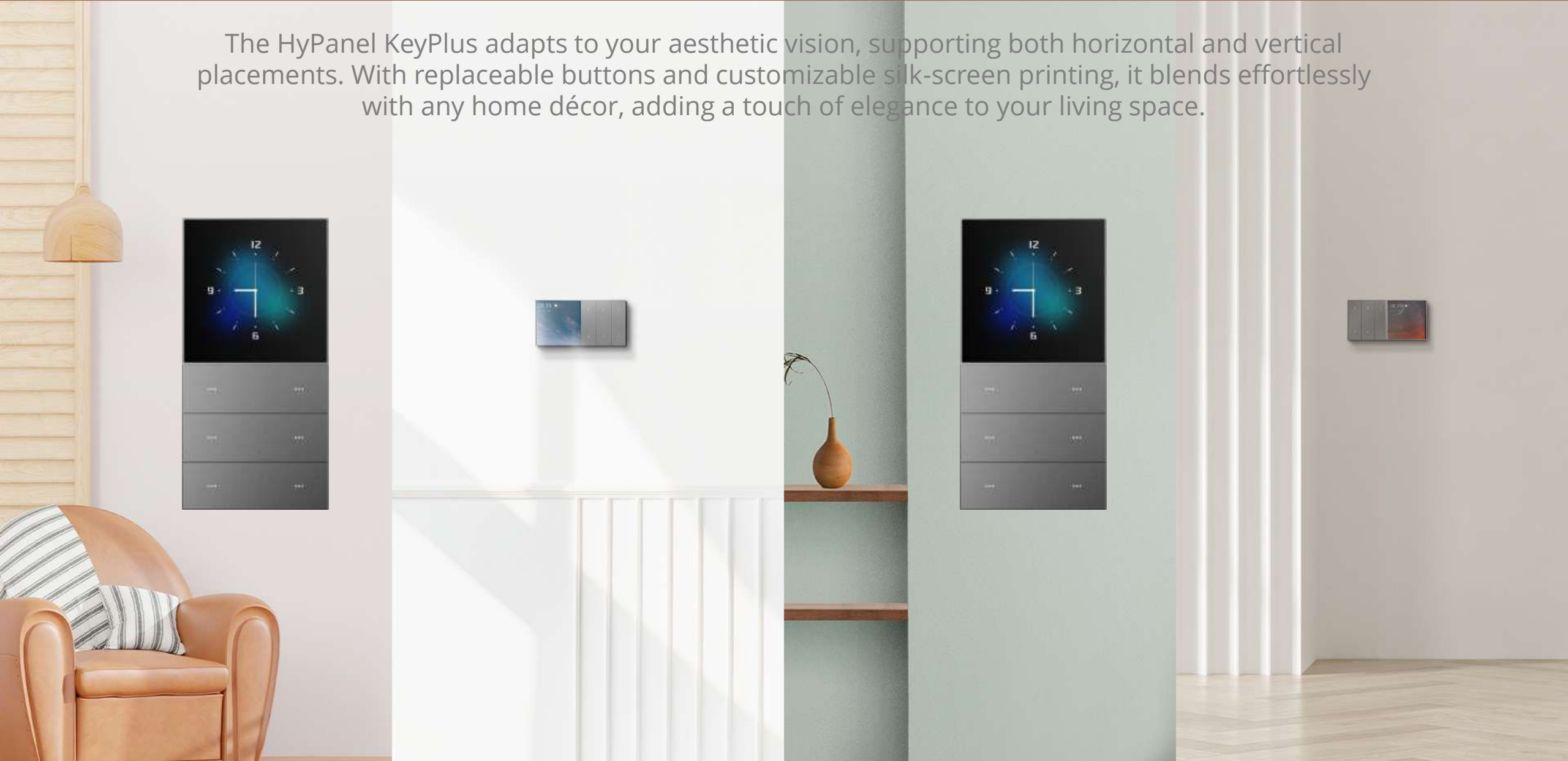
Customizable Physical Buttons

The six physical buttons offer a canvas of possibilities. For example, two buttons can be configured to control devices like lights and locks through HyPanel Key Plus' built-in relays, while the other four can be tailored for instant access to your most cherished scenes.



Elegance in Installation

The HyPanel KeyPlus adapts to your aesthetic vision, supporting both horizontal and vertical placements. With replaceable buttons and customizable silk-screen printing, it blends effortlessly with any home décor, adding a touch of elegance to your living space.



HyPanel Elite 7

Smart Home Control
Made Affordable



SIP

**HomeCentre
/ ZigBee
Gateway**

HyPanel Elite 7 at a Glance

7-inch
touchscreen



Connectivity: ZigBee, WiFi,
Ethernet, IR, RS485



Flush mounting for EU, UK,
US, and CN standards



Powered by
IEEE802.3af PoE or 12VDC

Linux OS



1 gang relay output



8 digital input channels



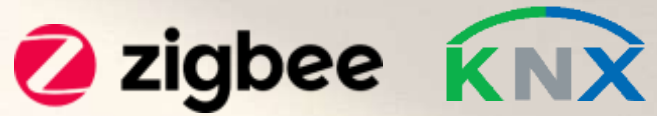
1 bell-in port



Your All-in-One Smart Home Hub and Control Panel

HyPanel Elite 7 simplifies home management by supporting multiple connectivity options and providing a bright 7-inch touchscreen. It allows you to link and control various smart devices, customize scenes, and create schedules — all from a single, easy-to-use interface.





SIP

HyPanel Elite 10

Smart Living Simplified:
Control & Communication in One

**HomeCentre
/ ZigBee
Gateway**

HyPanel Elite 10 at a Glance

10-inch
touchscreen



Connectivity: ZigBee, WiFi,
Ethernet, IR, RS485



Wall mounting for EU, UK,
US and CN standards



2 versions:
PoE and KNX

Android 12 OS



1 gang relay output



8 digital input channels



1 bell-in port



akubela HyPanel Lux Ring

Play now!



The Halo of
Smart Home Brilliance



SIP



Video Intercom for Seamless Doorway Control

Imagine a portal that connects you to the world beyond your door. With its smart intercom features, the HyPanel Lux Ring allows you to answer calls and grant access to guests with a mere touch. It's as if you're speaking to a magical mirror on the wall, blending convenience with a touch of wonder.



Colors of Your Heart's Desire

Embrace a palette that reflects your personality and home décor style. The HyPanel Lux Ring offers a variety of color options, each designed to harmonize with your unique taste and the aesthetic of your living space.

Ease of Smart Home Control

Touch, press, or rotate, smart home control is always that easy with the chic and elegant HyPanel Lux Ring. Particularly, you can customize the press function — a single press, double presses, and a long press, to quickly access your favorite scenes, making everyday interactions a breeze.





Luxury & Art

in a HyPanel Lux Vase

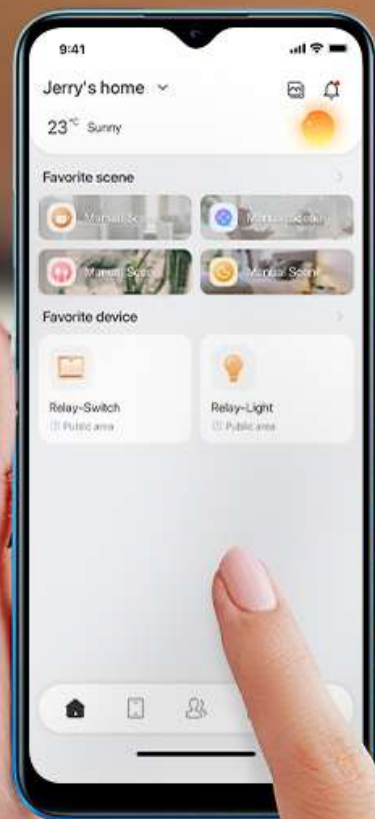
[Play now!](#)

SIP

Intercom All the Way

HyPanel Lux Vase's intercom system dissolves distance, bringing loved ones closer together. Whether it's from the property entrance to your home, between your parents' house and your own, or from room to room, communication flows seamlessly and crystal-clear. Wherever there's a Vase, family bonds grow stronger.





Smart Living at Your Fingertips

With the BelaHome App, you can effortlessly control lighting, shades, climate, cameras, alarm sensors, and more, as well as answer intercom calls and unlock doors—all from a single platform. Plus, the app lets you create personalized scenes and schedules that perfectly fit your lifestyle, whether you're at home or on the go.

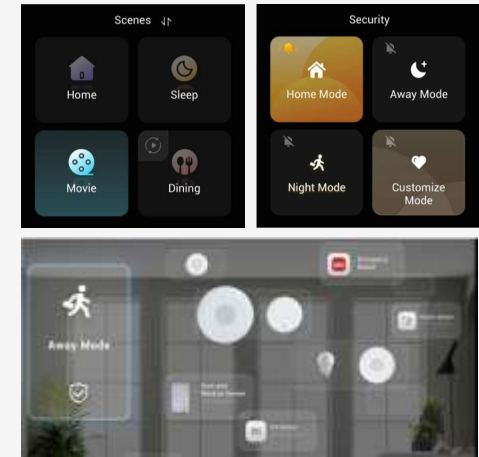
Comprehensive Software Functions



Control Devices



Intercom



Security& Automation

The system offers intercom, access control, device control, and more to meet users' diverse smart home and intercom needs.

One-Click Control



Support various functions such as remote device control, scene control and home automation management, providing a convenient and efficient user experience.

Smart intercom

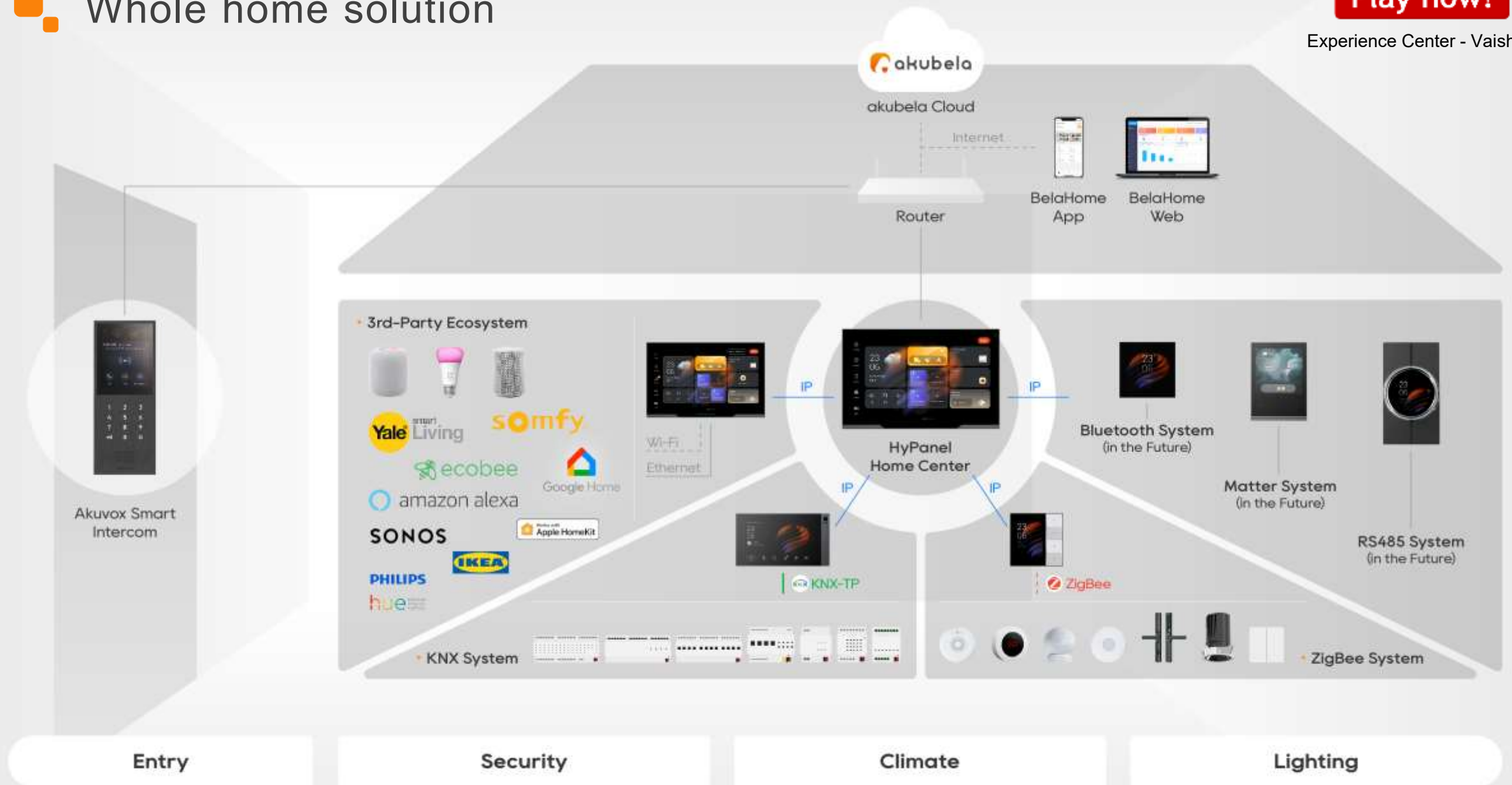


Send group messages from App and make group calls from any devices, helping users stay connected with family members at all times, from anywhere.

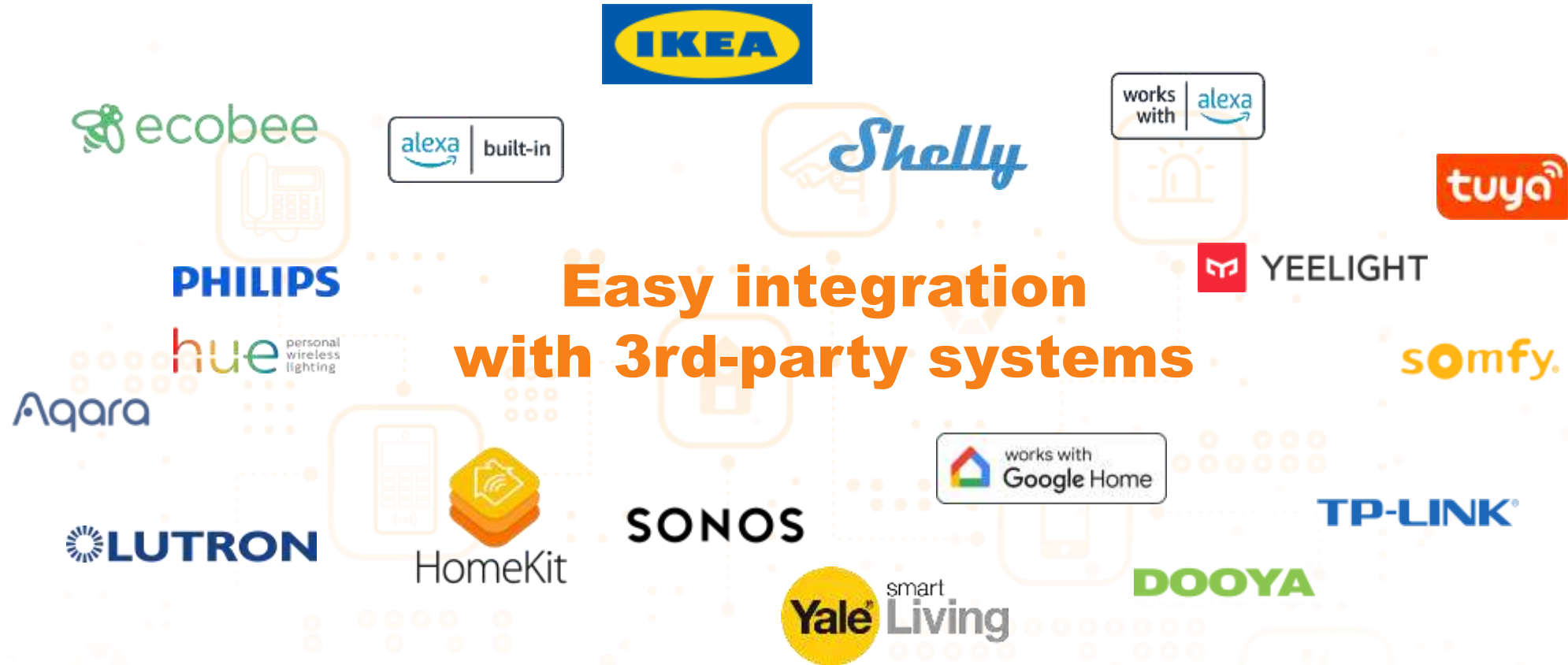
Whole home solution

Play now!

Experience Center - Vaishali



Strong Integration



The system can integrate with third-party devices, providing users with a convenient and intuitive control experience.

| Work with Apple Home/Amazon Alexa/Google Home



Support for controlling akubela-connected devices and scenes via Apple Home/Amazon Alexa/Google Home, alexa built-in as well, offering app control option.

Aura Series Smart Switch

KNX Switch

Modular Design

Digital Label

Play now!

Note: The touchscreen panel is still in active development, with its UI subject to change.



Released

Sensor (ZigBee)



Door-window
Sensor



Motion Sensor



Gas Sensor



Flood Sensor



Smoke Sensor



T&H Sensor



IAQ



Human Presence
Detector

Emergency Button (ZigBee)



Emergency Button

Released

Smart Switch (ZigBee)



1 / 2 / 3 Gang
Smart Switch



1 Gang ZigBee
Switch Module



2 Gang ZigBee
Switch Module

Smart Plug (ZigBee)



EU Version



UK Version



ES Version

Shade (ZigBee)



Shade Motor



Shade Control Panel

Released

Thermostat
(ZigBee)



Fan Coil



Heating

IR Controller
(ZigBee)



IR Controller

Smart Valve
(ZigBee)



Smart Valve

**Central Air
Condition Controller**
(ZigBee)



Indoor



Outdoor

Lighting Series (ZigBee)



Lighting&Driver

Switch Series



Switch Panel-
ZigBee



Switch Panel-
KNX



Socket Panel-
ZigBee



Socket Panel-
KNX

Shade (ZigBee)



Shade roller blinds /
Garage roller shutters

More

Fall detection
Sleep detection
Broken detection

Sensor

Indoor IP Camera
Outdoor IP Camera

IPC

0-10V
24V

Thermostat

Solutions

There are **4** solutions for
your sweet home.



Lighting



Security



Climate



Entry



Smart Lighting Solution



ON/OFF



Light-dimmer



Color Tuning



Scene Control



Group Control

We see light as a necessity for our lives, offering a wealth of possibilities for families. To this end, we offer both wired and wireless solutions that support equipment switching, dimming, color tuning, ambient adjustment and other capabilities.

Play now!

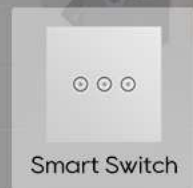
Living Room



Switch Module



Smart Plug



Smart Switch



Human Presence Detector



HyPanel Pro



Switch Module



Table Lamp



HyPanel Lux



Light



Light



HyPanel Lite



Light



Light



HyPanel



Light

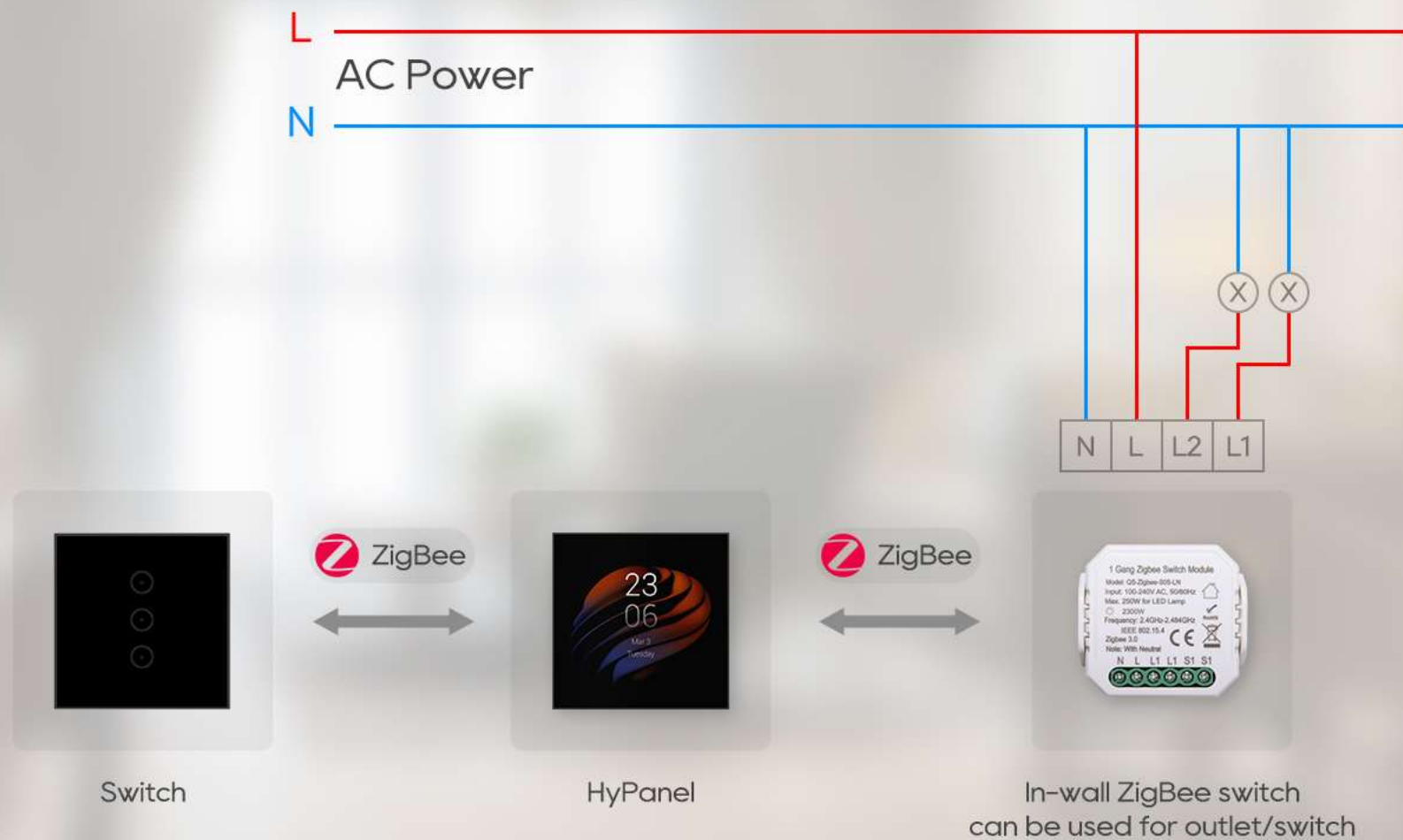
Entryway

Kitchen

Bedroom

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

Reliable and Flexible



| Easy Integration



WiFi/Ethernet



3rd-Party Lighting Systems



| Lights Work with Automation



Experience effortless home illumination with our range of smart sensors, enabling whole-house light control that transcends the need for manual intervention.

Smart Climate Solution



Shade



HVAC



Air Quality



Thermostat



Heating



Fan

Our solutions offer real-time home environment monitoring, seamlessly regulating heating, ventilation, and cooling. They ensure optimal internal and external air circulation, crafting a healthy, comfortable indoor atmosphere.

| Comprehensive Temperature Control System

1 VRV/VRF System



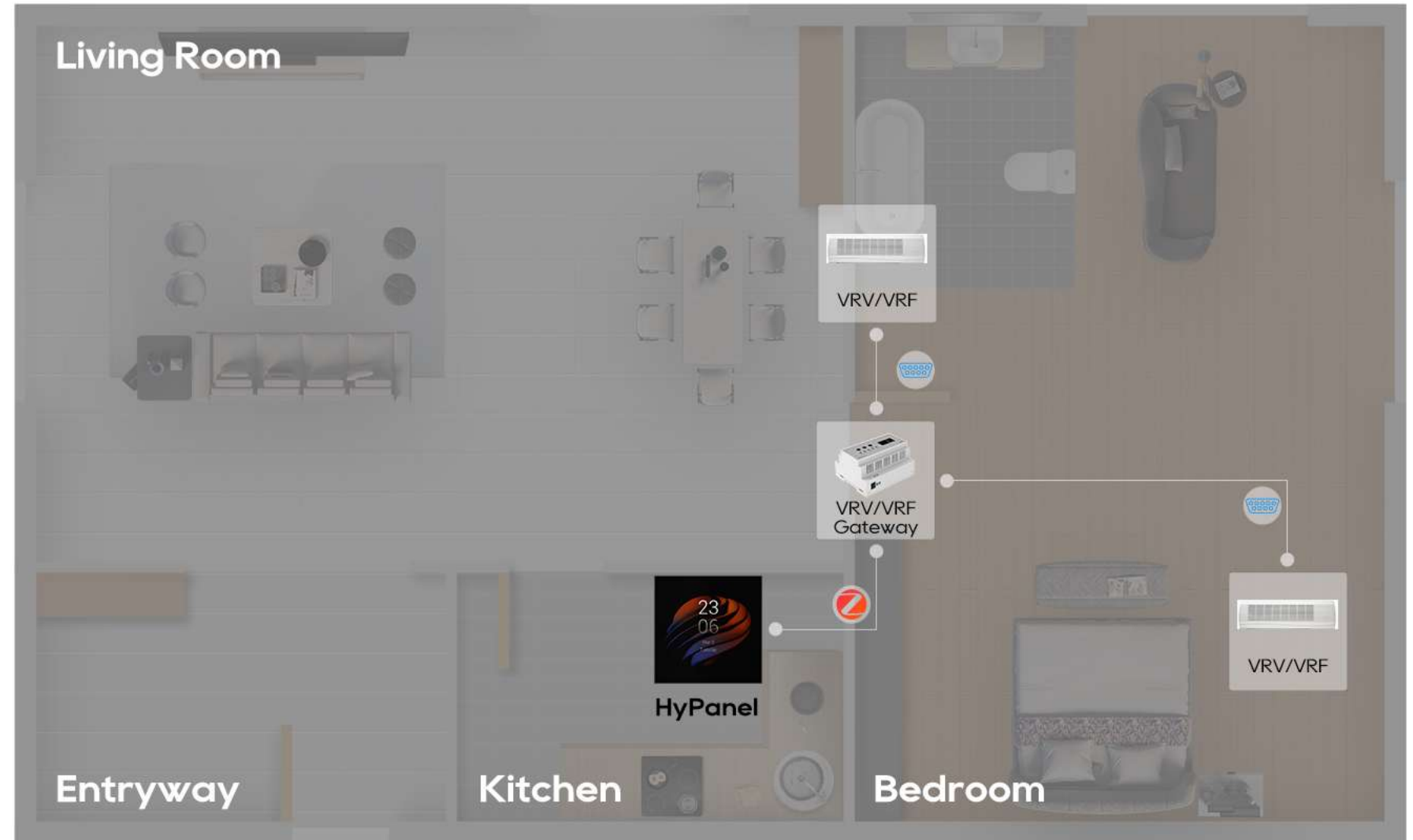
2 IR Control Air Conditioning System



3 Fan Coil/Heating Unit System



VRV/VRF System



IR Control Air Conditioning System



| Smart Shade Control



Sliding Curtain

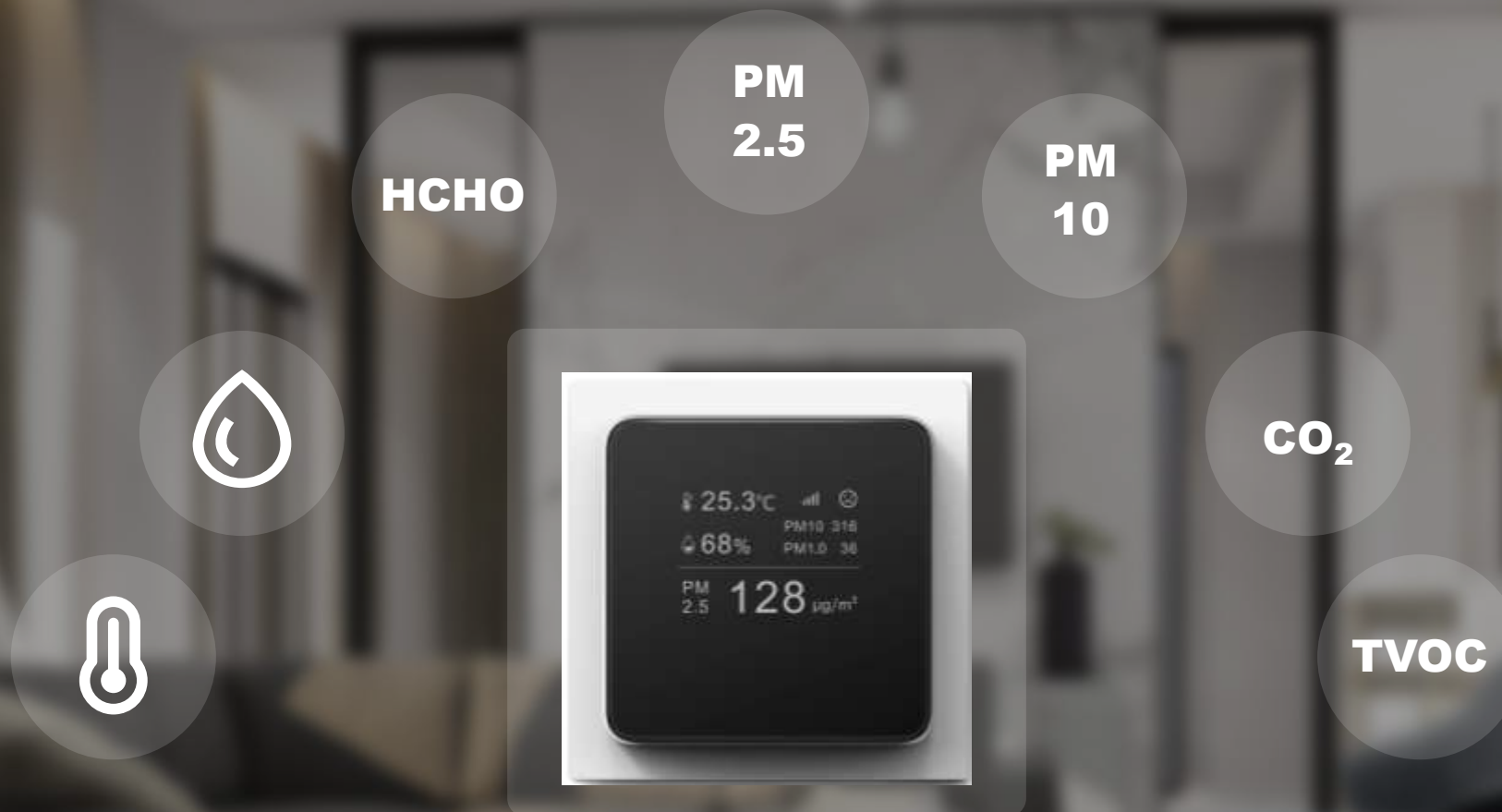


Roller Blind



Venetian Blind

| Real-time Air Quality Monitoring



Real-time detection of indoor air quality. The meaning of home should not only be limited to comfort, but also a healthy haven.

Smart Security Solution



Detecting



Monitoring



Alarm



PM

Our smart home security system offers multi-dimensional protection, blending extensive surveillance, immediate alerts, and swift response features, crafting a serene and cozy living environment for your family.

Interesting Videos

- Akubela with Lutron (Proprietary Bus)

https://www.youtube.com/watch?v=PTtbwE9N_8I

- Akubela with Sonos : Music

<https://www.youtube.com/watch?v=Mstof8KZXe0>

- Akubela :Total Presentation by Cohesive

<https://www.youtube.com/watch?v=0FbAas0XTA4>



1

Introduction

■ At a Glance

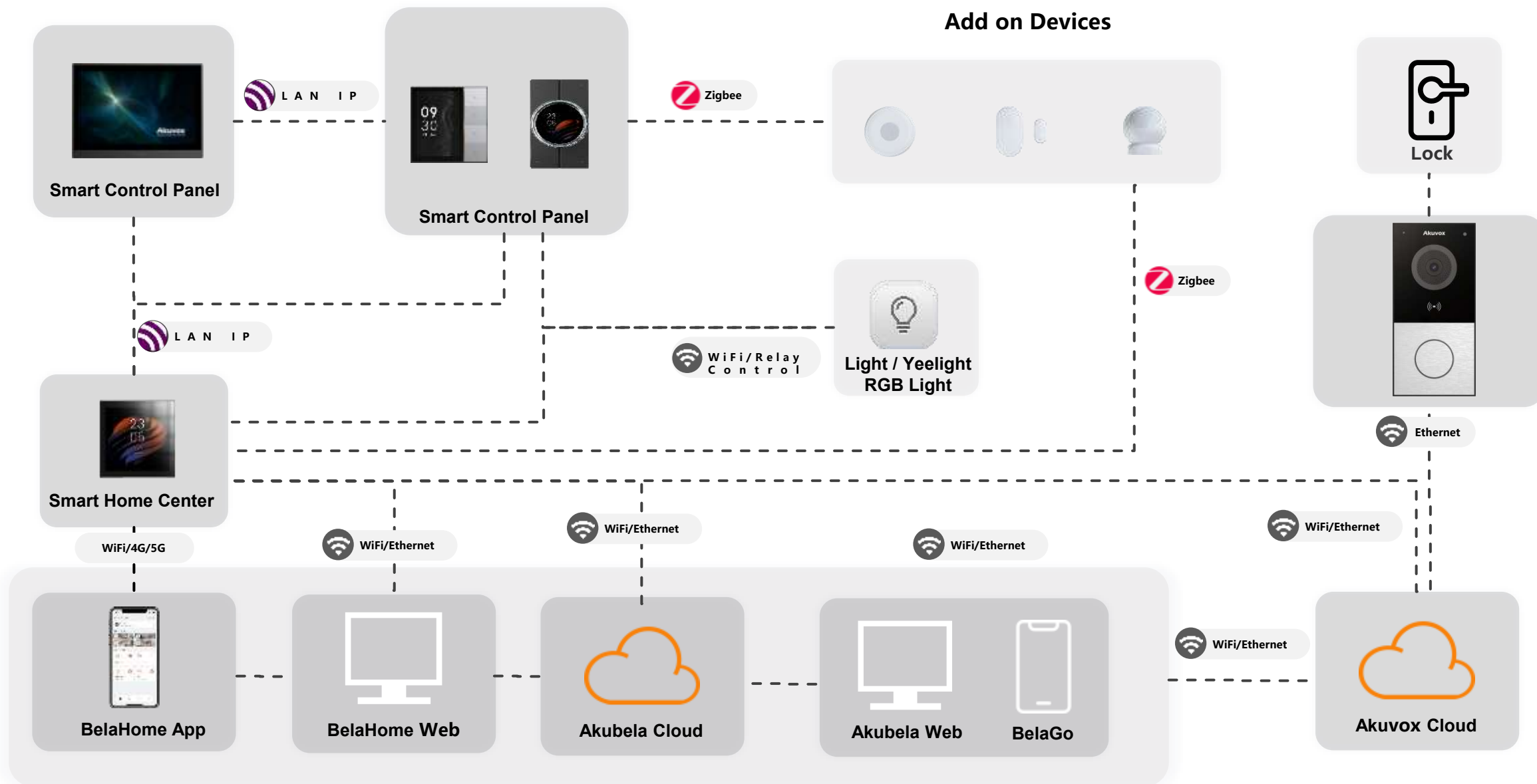


Training Kit

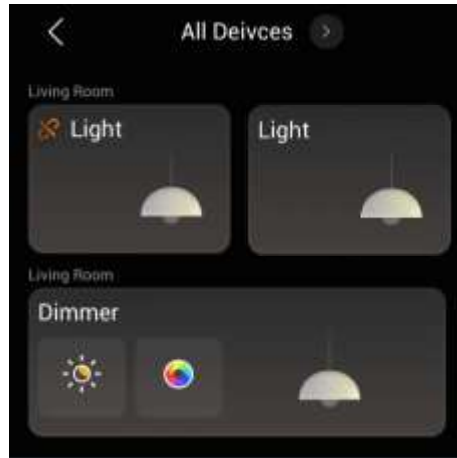
- Display box
- Home Control Panel: KS41、PS51、RT61、IT88A
- Door Phone: E12W with Door Lock
- Light: 6 lights control by relay of KS41/PS51/RT61; 1 Yeelight RGB light
- Sensor: Door/Window Sensor、Motion Sensor、Emergency Button
- Others: POE switch, Router...

Play now!

Diagram



Device Control



- The light in the relay switch connection box and the colored light integrated with yeelight can be controlled by the panel in the box

Device Control



- Support to control door unlocking and monitoring through any panel

Intercom

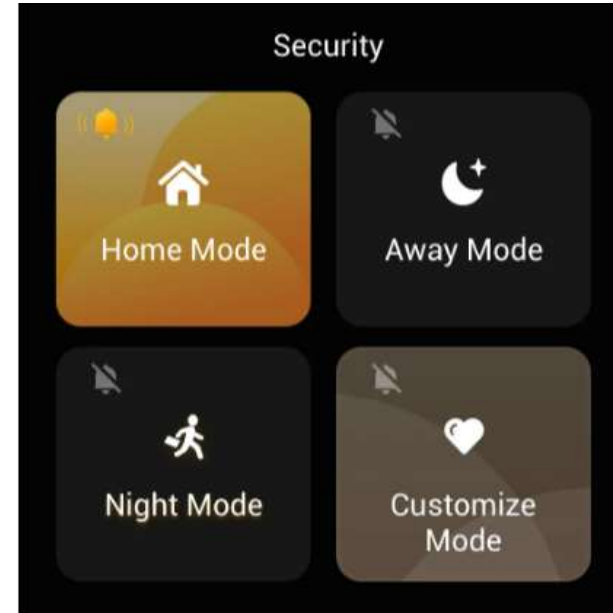
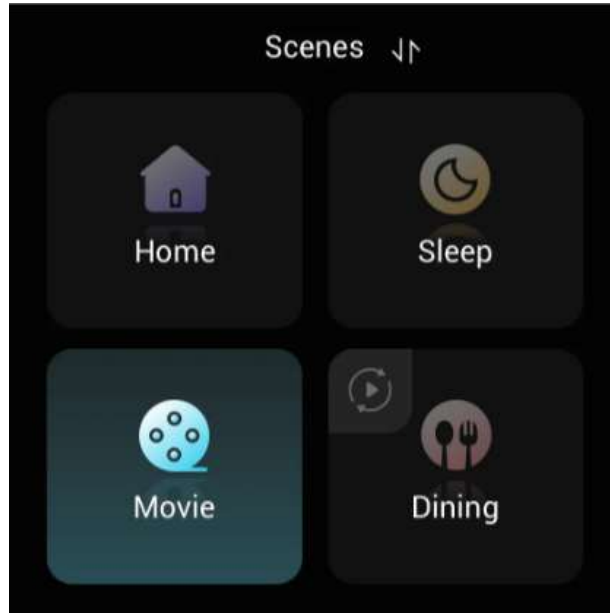


- **Video and audio intercom, make users enjoy higher quality communication.**



- All panels can receive incoming calls from the Doorphone, and can answer or unlock on any panel

Scene & Security



- The scenes and security modes configured in the BelaHome APP or Web can be displayed and control on all panels in the home

Scene & Security



- The task will be executed automatically after being triggered in the scene
- When an exception is detected, notify you through an alert



 akubela Akuvox

Smarter Home, Sweeter Life

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