

# INTEGRATED CONTROL SOLUTIONS

HOME | HOTEL | BUILDING | LIGHTING | ENERGY STORAGE



# HDL®

HDL is a manufacturer of comprehensive automation systems and provider of integrated solutions for commercial buildings, hotels and homes.



buspro

buspro  
WIRELESS

KNX

zigbee

Enterprise Honor



reddot winner 2022  
interface design



Contemporary Good Design  
WINNER 2021



INTERNATIONAL DESIGN  
EXCELLENCE AWARDS

## Who we are

HDL Automation is a leading international technology company specializing in smart home, smart building, smart hotel and total energy solutions.

From smart lighting and smart shading to climate control, energy management, security monitoring, & and audio-video



entertainment, our solutions are designed to enhance comfort, convenience & security.

We have large number of iconic project references such as Dubai International Airport, NATO Headquarters Building, Australia Banc Apartment, Macau Morpheus Hotel & the Czech State Opera.



## History

### 1985

HDL was established, committing itself to R&D and application of lighting control products.

### 1990

HDL introduced China's first semi-digital dimmer cabinet, which was successfully applied in the Great Hall of the People in Beijing.

### 2003

HDL was enrolled as a member unit of the world famous ESTA Association and joined the CAN network standardization committee of ESTA. Cooperation developer of WYSIWYG lighting design software of Canadian Castlinghting Corporation.

### 2004

HDL was the first to introduce a range of smart home products, the Shiqi series.

### 2005

Participated in the project of Sound/Video Lighting Network Central Integrated Platform and Standard as the leader of project.

### 2007

HDL products have won 30 patents.

### 2009

Honored the outstanding brand award of the CEA association.

### 2010

Honored the best comprehensive living brand and the best intelligent lighting brand.

### 2011

HDL brand was registered in more than 80 countries and 6 continents.

### 2014

HDL joined Zigbee & Z-wave alliances, and establishes 10 new training centers.

### 2015

Released the revolutionary Buspro Wireless

### 2017

HDL established the 16th KNX testing lab of the world.

### 2018

HDL became a board member of KNX China. Top 2 smart home brand in Chinese market.

### 2021

HDL built a comprehensive partnership ecosystem and launched the HDL LINK protocol.



PT. AGN was entrusted to represent and distribute HDL in Indonesia.

## Product Certifications



# HDL®

## Integrated Control System experience

Being smart means your home somehow knows what you need and takes care of you. When you arrive home in the day time, it opens the curtains for you.

But when you come back in the evening, it will turn on the lights for you. It ensures that every time you are walking into a properly lit room.

HDL connects your lights, curtains, air-conditioners and other devices into the system, and allows you to control them on a mobile phone, tablet or wall panel.

We offer you smart home or building solutions that are able to integrate various functions and cover every area of your home or building.

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HDL technologies can naturally merge into our daily life. Look at the following scenarios on the next pages, you will clearly know how we can benefit from home or building automation.



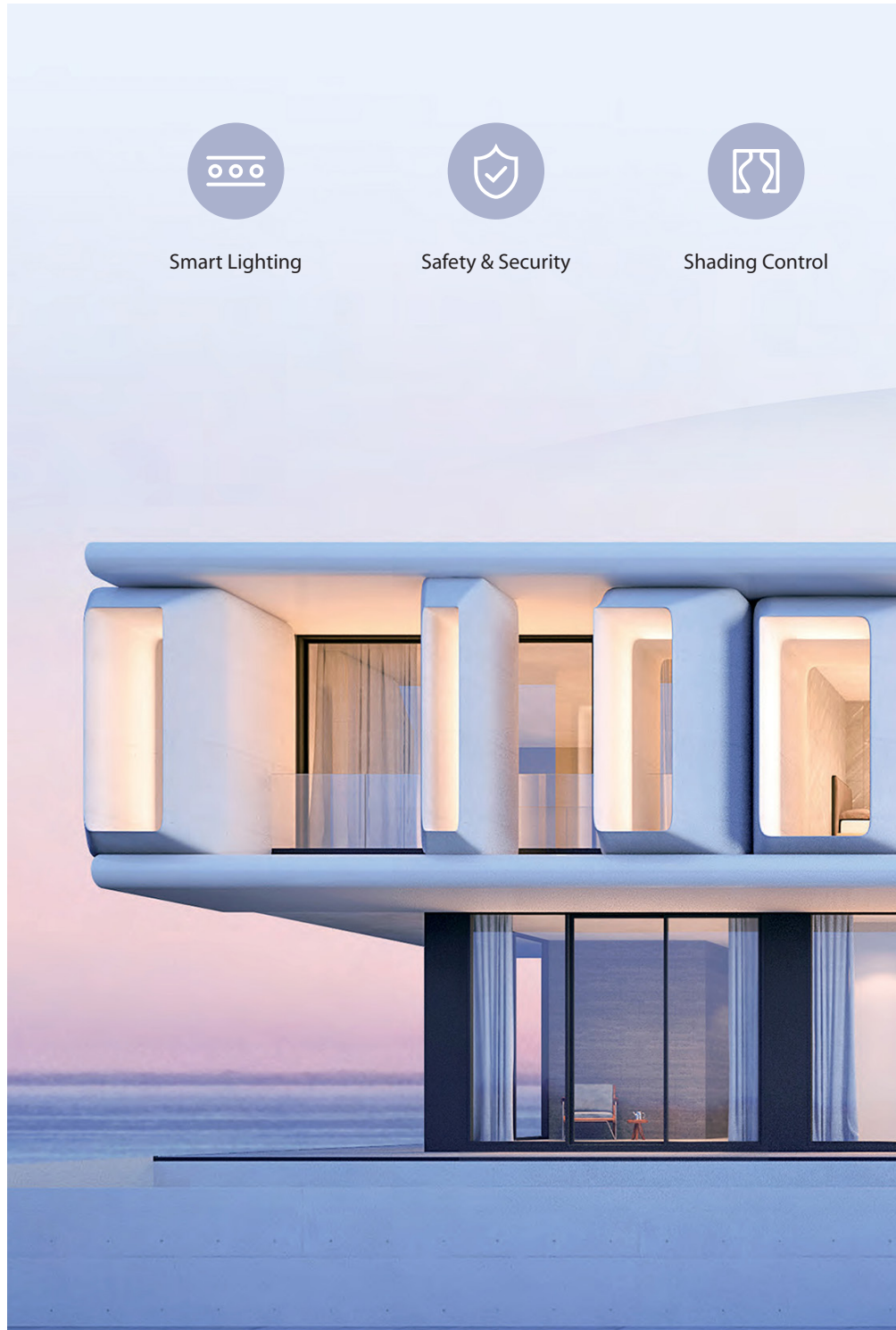
Smart Lighting



Safety & Security



Shading Control



## On Pro

On Pro smart home is an app based on HDL link technology to develop & produce smart home devices in the whole house, which can intelligently control all devices in your home.





HVAC Control



Entertainment



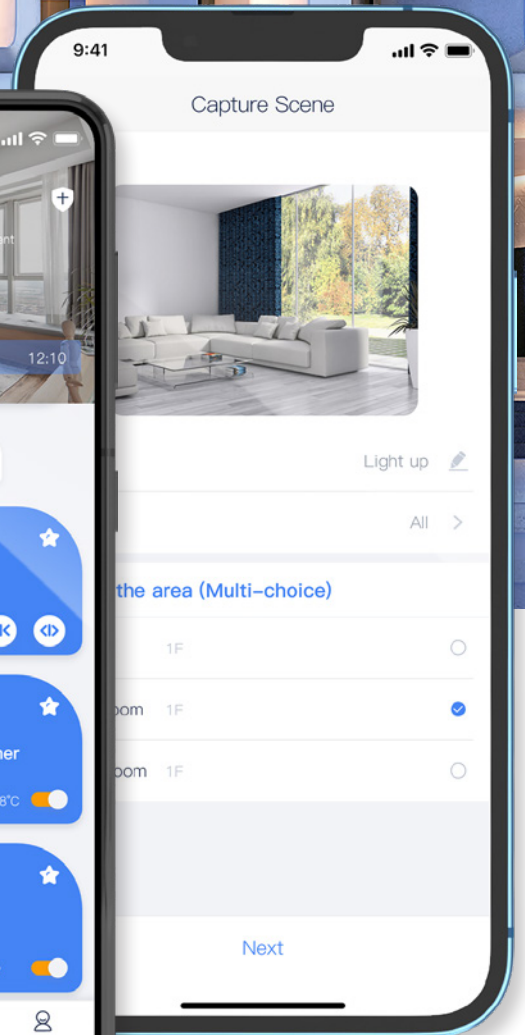
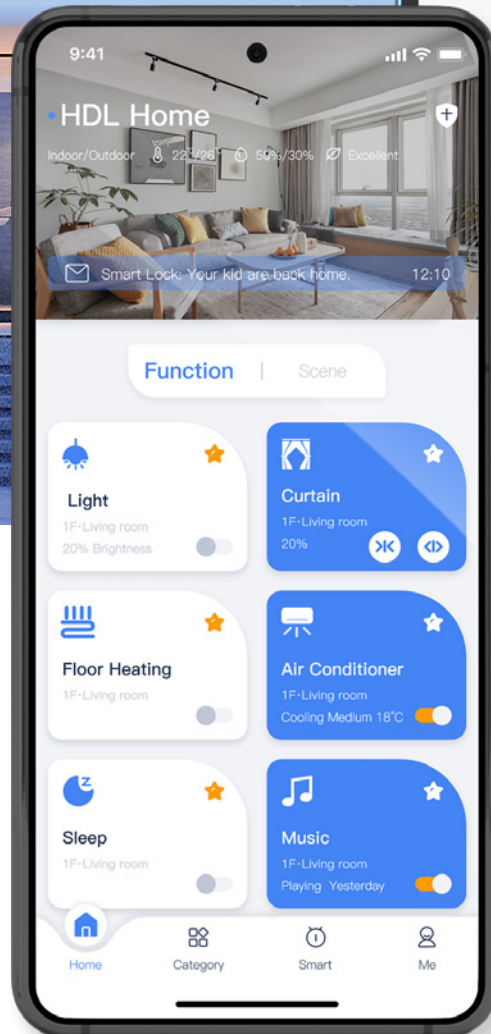
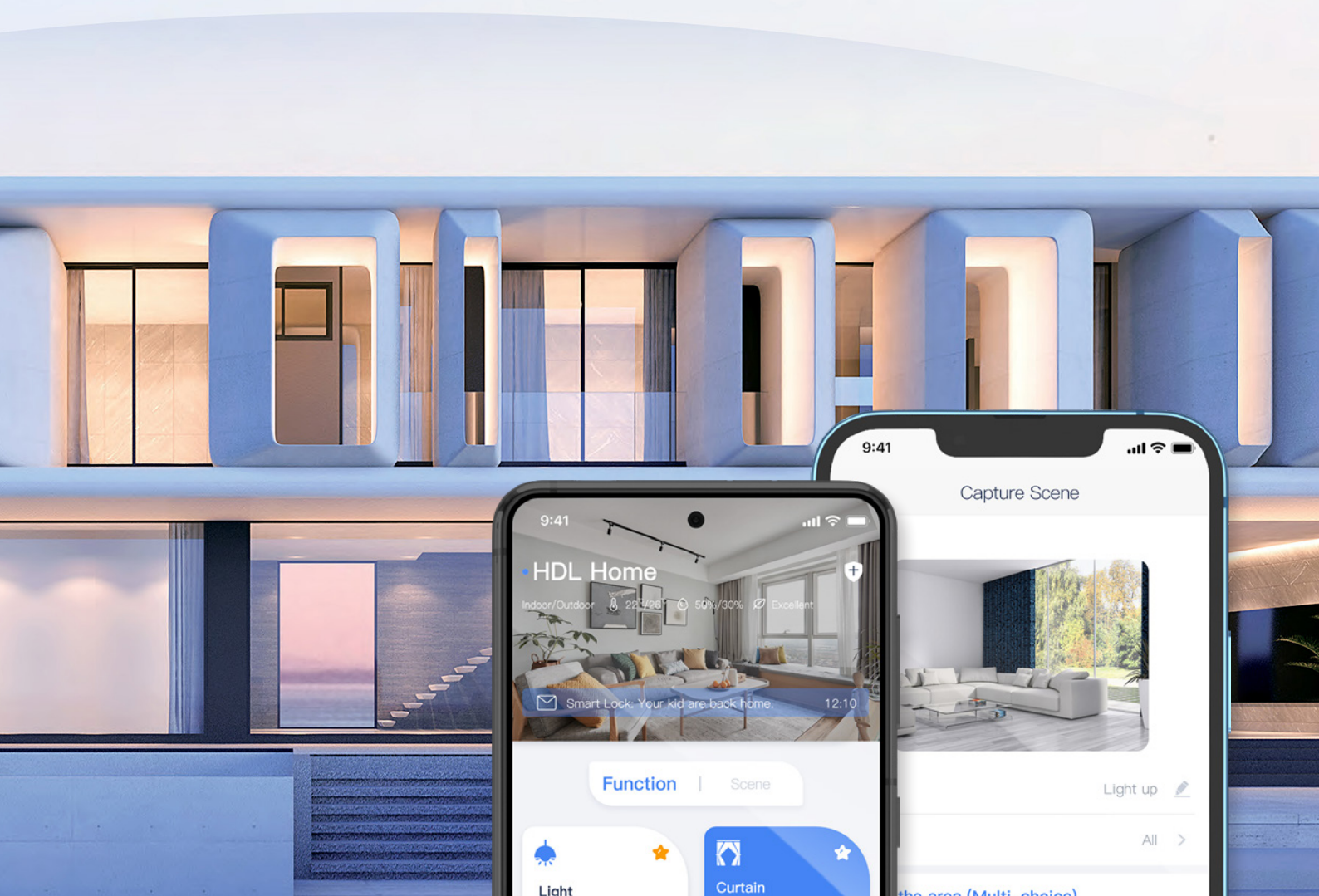
Intelligent Center



Energy Management



Home Appliance Control



# HDL® A DAY WITH SMARTHOME



## 7:00 a.m. Get up

The beautiful music sounds out in air as the curtains slowly open. The sunshine spreads on your bed and wakes you up...

Curtain Open : 80%



Music Volume : 50%



works with the Google Assistant

WORKS WITH amazon alexa

Works with Apple Home



## 8:00 a.m. Go to work

Press the "Away" button on the smart panel, your garage door will open while the system is shutting down the AC and other devices.

AC : OFF



Lights : OFF



## 10:00 a.m. Check up on your home

Open the HDL smart home app on your phone and see if everything is good at home. Seeing your cute puppy is enjoying the sunshine in the garden, you forget about work pressure and feel relieved.

## 5:00 p.m. Set the temperature before home

From your phone you can turn on the AC in the living room, and set it to the right temperature.

When you walk into your home, the indoor temperature is already at a comfortable level.

AC : ON





### 6:00 p.m. Back home

Garage door automatically opens, the lights in the garage turned on by the system. Unlock the front door with your fingerprint, which trigger Back Home mode and the Armed mode is disabled.

Garage

Open  Close

Access Control System

Open  Close



### 7:00 p.m. Dinner

Select the Dinner Mode. Background music playing, then the light over the table turns soft and warm as the curtains automatically close.

Brightness : 80%

0 %  100 %

RGB Light Colour



### 9:00 p.m. Relaxing

You just need to press one button to set everything into the right ambience: Meeting Mode, Dinner Mode, Party Mode, TV Mode, Movie Mode, etc.

Curtain Open : 0%

0 %  100 %

RGB Light Colour

HDL BESS

**DISCHARGING**

Powering your home

**11.00 p.m. Go to bed**

Press the "Good Night" button when you feel tired. The lights gradually dim down to dark, the AC switch to Sleep Mode.

Brightness : 10%

0 %  100 %

Armed Mode : ON



## What is Buspro

Buspro is a smart system for homes, commercial buildings and hotels. It is able to integrate lighting, shading, ac or heating, background music, security and more functionality and features, and allows users to control everything on a mobile app, PC program or wall panel.

What's more, with sensors and logic settings, tasks can be automatically run by the system as well.

It is a wired system developed by HDL and runs on its proprietary communication protocol. So, it is also known as HDL Buspro.

## How does it work?

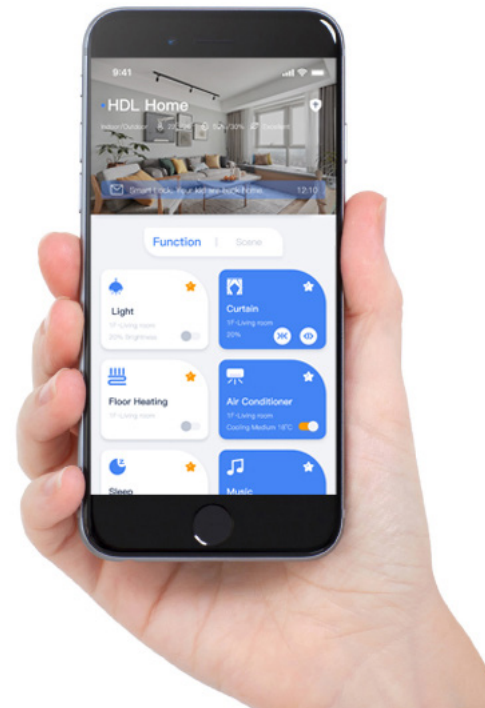
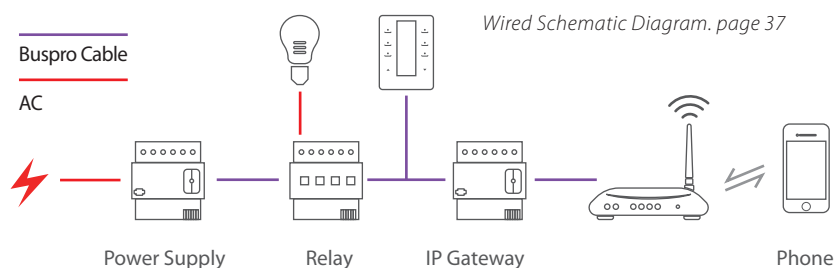
Buspro consists of software, control panels, controllers, sensors, gateways, audio devices and infrastructural devices.

These devices make up a combination to serve for a certain project. And the "combination" of devices is called a solution.

For a minimum solution, we will need a power supply module to provide the solution with 24V DC power. Then we need a Buspro IP Gateway to link the system to the Internet, so that users can control the system with a phone or PC.

## HDL ON PRO

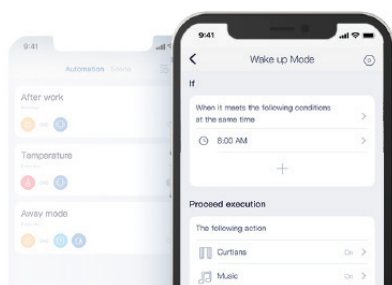
HDL ON is an official mobile app for smart home projects offered by HDL. The engineer sets up the solution on HBST and then imports the project file to this app. That's when it's ready for end users. With the beautiful and intuitive interface, users will love to use it.





## Share your smart home

On Pro allows users to invite their family and friends by adding their accounts. After that, users are free to share the permissions of controlling the space and devices with the new member.



## Set the logic of automatic control

Whether time, scene, location, or function, all can be the condition that triggers the task. Set up the automation scene you like in advance, such as Get up Mode.

At 8:00 a.m., the shutter will turn on automatically, and the soft background music rings out. Let the sunshine gently wake you up

## Why zigbee



### Ultra high capacity

Considerable expansion space. ZigBee adopts star, sheet and mesh network structure, which can connect up to 65,000 nodes.



### Ultra short delay

High response speed of ZigBee. It takes only 15ms to switch from sleep to work, and it takes only 30ms for nodes to link into the network.



### Without interference

A short-distance communication mode. Physically, the channel processing mechanism, direct sequence spread spectrum DSSS, frequency fast-changing FA and other designs are adopted, and the reliable design of communication protocol ensures strong anti-interference ability and communication reliability.



### Ultra low power consumption

ZigBee ultra-low power design technology. The power supply can support the sensor to work for 6~24 months or even longer.



### Bidirectional feedback

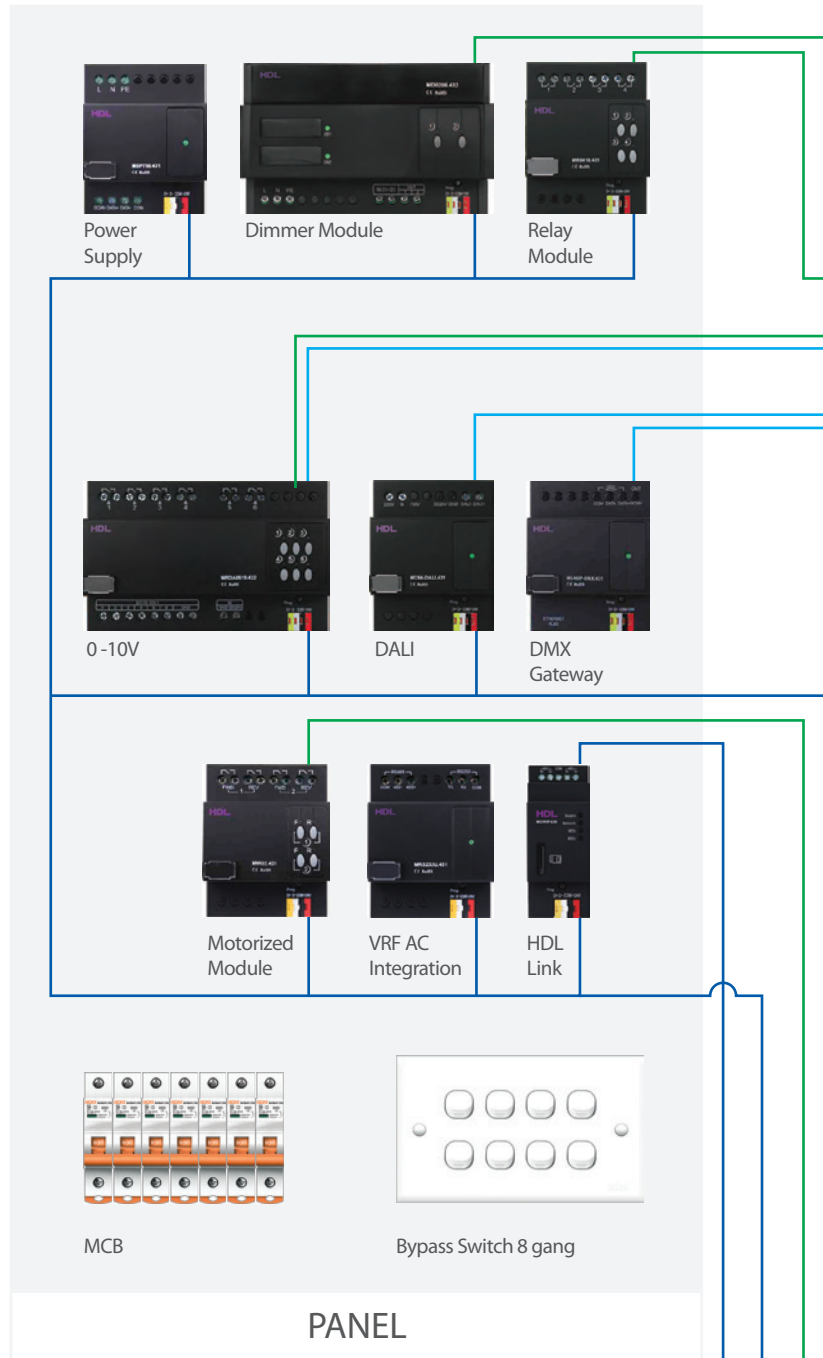
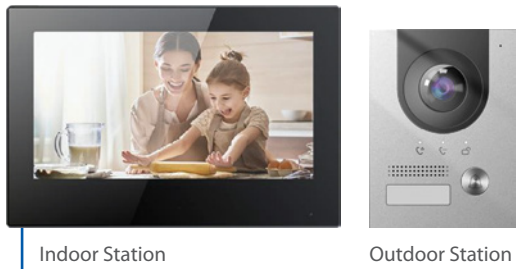
Accurate two-way feedback. The working state of the device can be seen, and the disadvantage that the remote control state of the traditional smart home can not be seen can be solved.

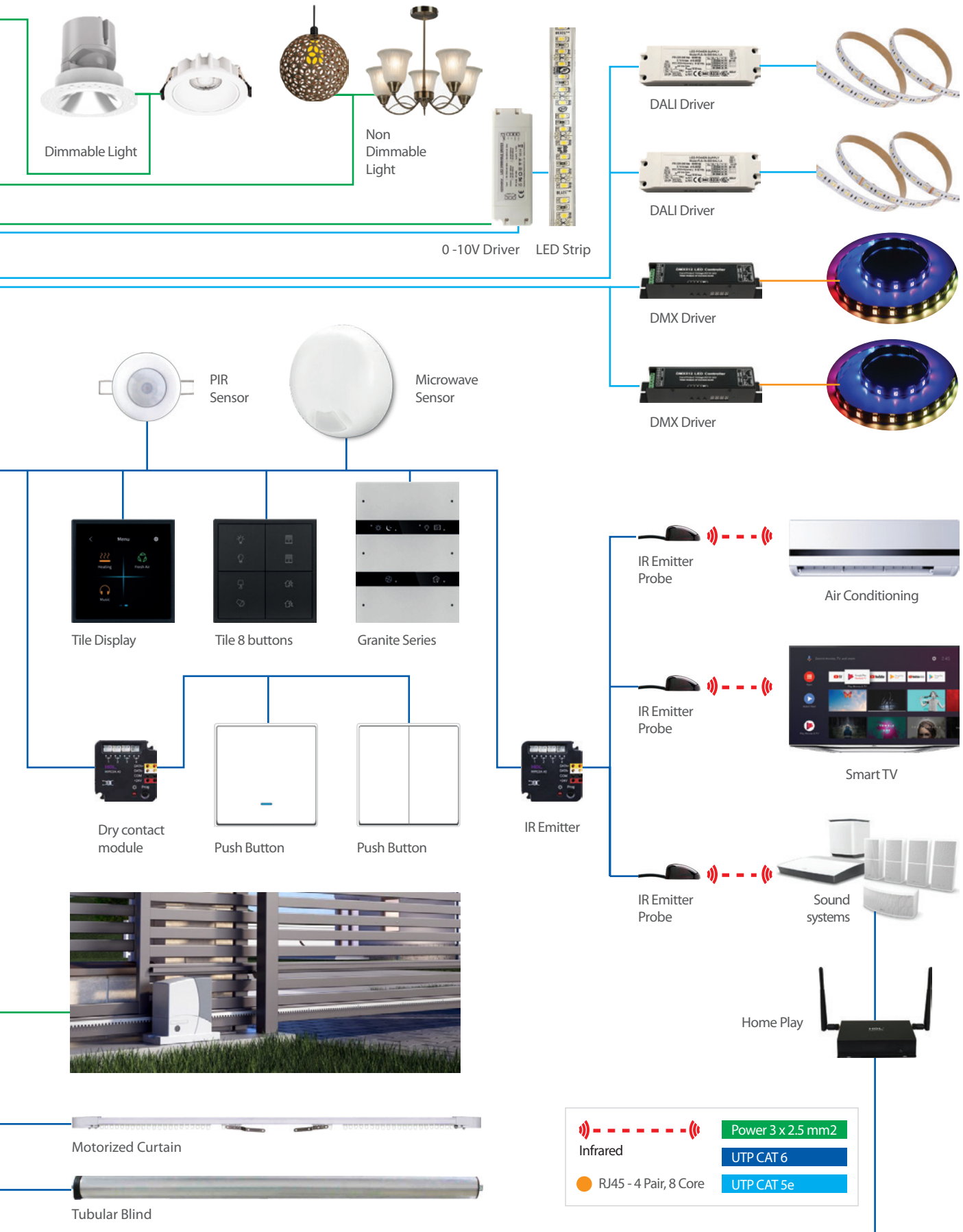


### Stable & Reliable

Self-healing function. When a device has a signal failure, the signal is transmitted through other devices.

# HDL<sup>®</sup> BUSPRO



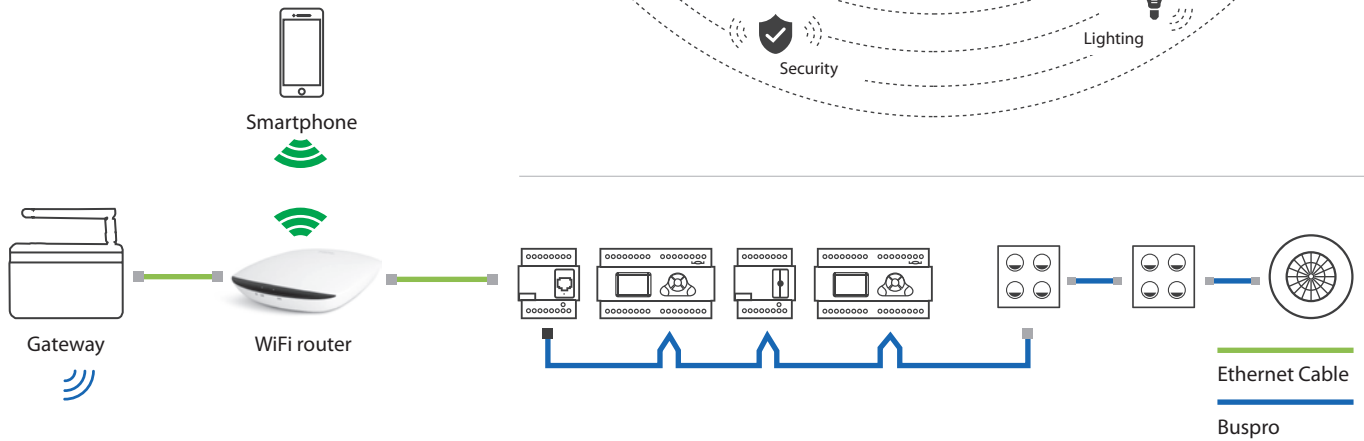
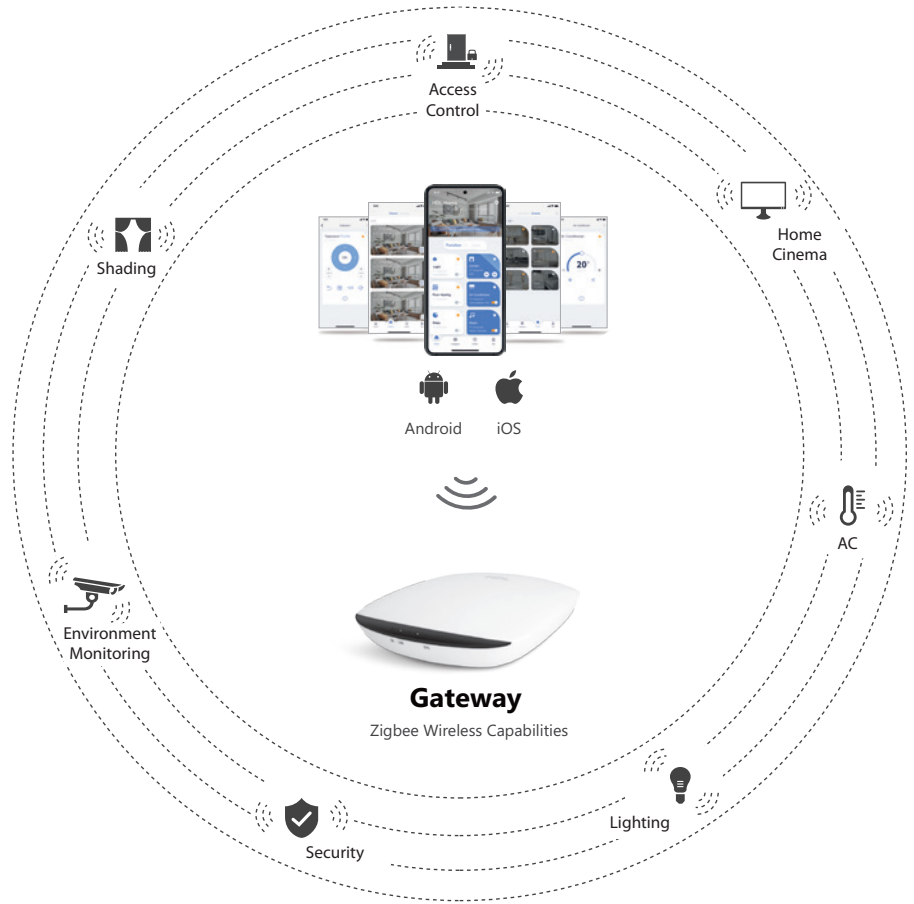


# HDL® Wireless

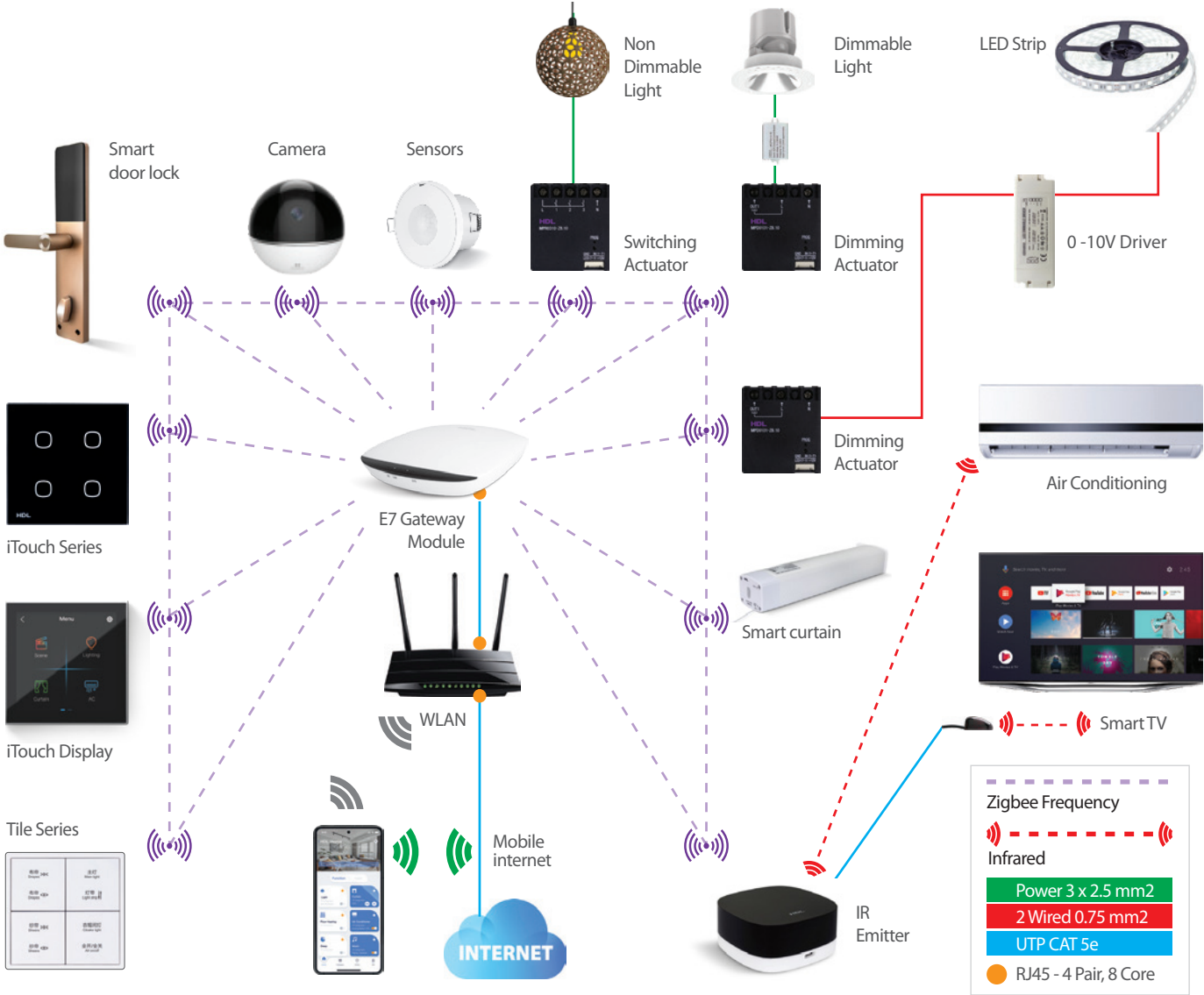
## System Overview

Buspro wireless has been created so that anyone can take complete control over their home simple & effectively without any prior automation experience.

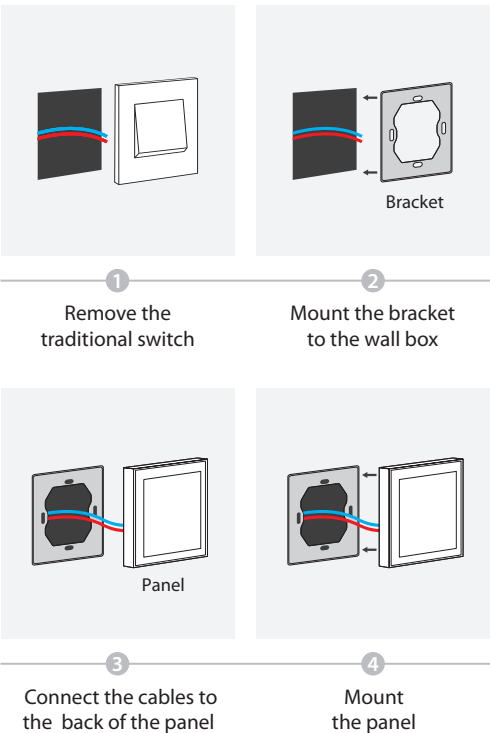
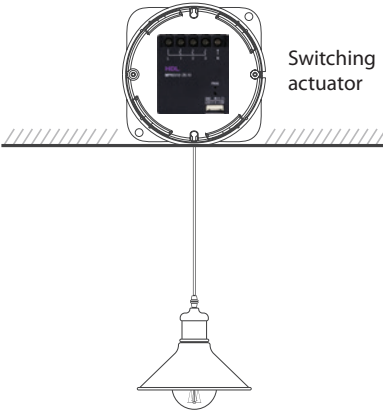
In the mesh network every Buspro wireless module and device effectively 'talks' to every other module.



# Zigbee Schematic Diagram



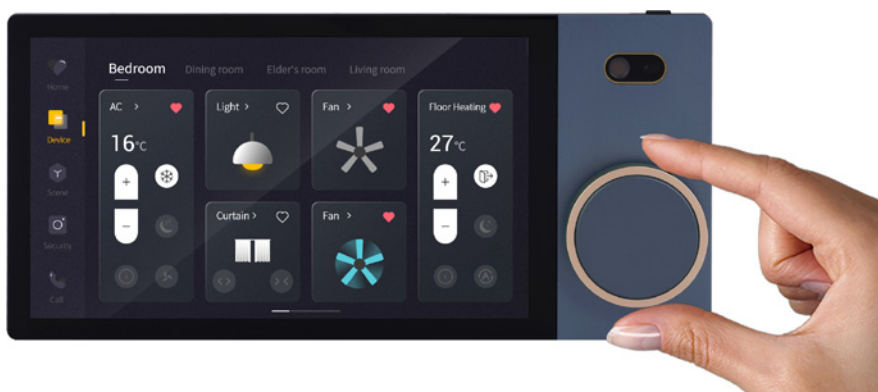
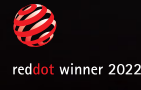
# Wireless Relay application



Installed in the ceiling, a wireless relay is the perfect solution to switch on/off your lightings wirelessly.

## Source is a high-end 7 inch multifunctional touch panel with asleek & innovative design

Seamlessly control lights, curtains, AC , music, scenes, security monitoring & even household appliances all in one device.



### Quick Control

Customize your homepage simplify your routines and make the most of your time with the Source's optimized features Easily add your most frequently used functions to the "Favorites" section.

No more searching through menus or digging through complicated settings - everything you need is just a tap away

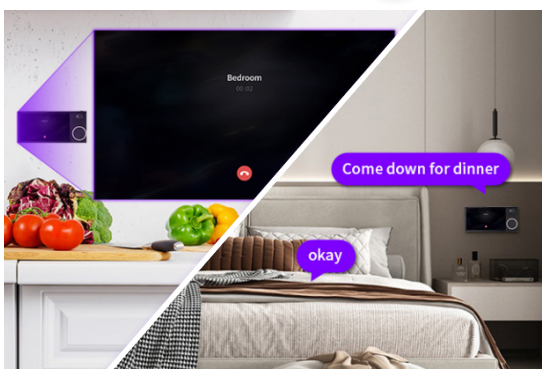
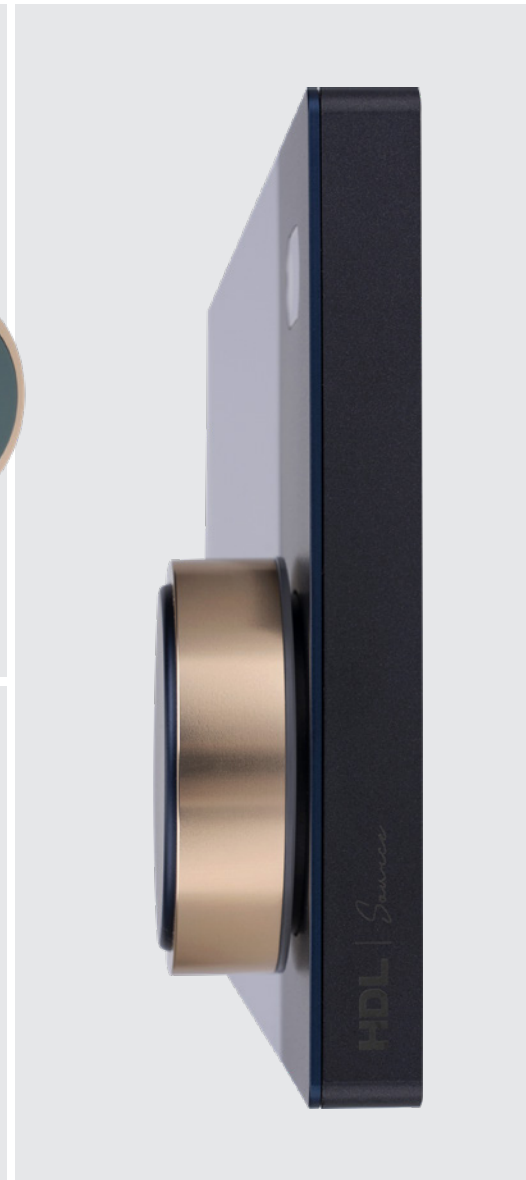
### User Friendly Interface

With clear and intuitive icons and control feedback,you can easily understand the status of your appliances at a glance.

Experience the ultimate convenience with our multi functional touch panel. Seamlessly control lights, curtains, HVAC systems,music,scenes,security monitoring and even household appliances all in one device.

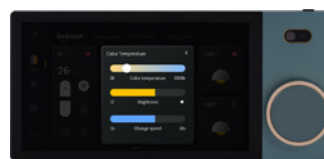
### Intuitive Knob

The smooth rotation of the knob puts you in complete command, allowing you to fine-tune light brightness, curtains and temperature.



### Indoor Voice Call

Source 7 facilitates indoor voice calls, simplifying communication between different rooms. For instance, in the living room or kitchen, you can call your kids for dinner directly through the panel, making everyday-tasks even easier.



Pine Green



Ink Black



Mountain Blue

### Local Control

Source enables local control, safeguarding against network interruptions. Whether you're facing connectivity issues or simply prefer a direct connection.

### HDL Link gateway

With the built-in HDL Link Gateway, Source Panel interconnects devices from both wired and wireless systems, so that you can control all the devices on one panel and save on additional gateway costs.

- HD Display resolution 1280 x 720p
- HDL Link gateway
- Built in proximity and LUX sensor
- Built in temperature & humidity sensor
- 220 x 102 x 26 mm ( wo power interface)
- 220 x 102 x 55 mm ( w power interface)



Tile Display is a multi-functional touch panel with a 4-inch high resolution display

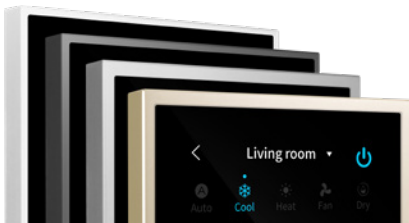
You can control all the connected devices on one panel. It also surprises us with its fine frame and user-friendly interface with cool icons.

## Premium quality

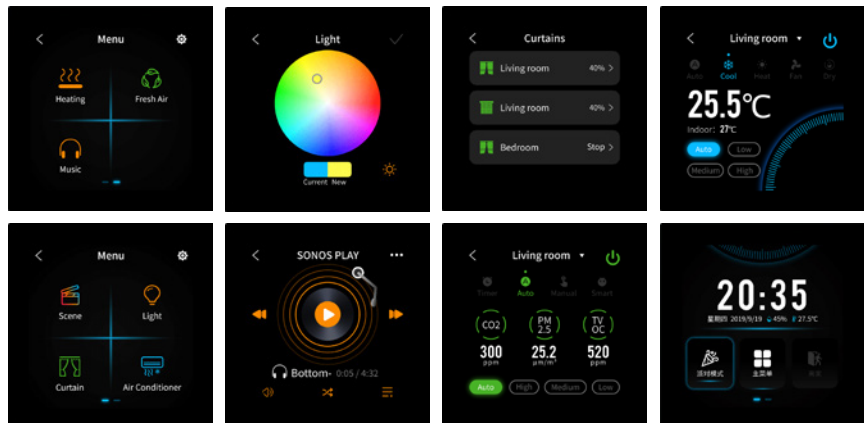
Tile series comes with two different materials metal & plastic.

## Colourful UI with complete functionality

Dedicated pages for lighting, curtain, scene, air conditioning, floor, heating and music.



	Ivory white Plastic Frame		Space gray Plastic w/ Metal Frame
	Ash gray Plastic Frame		Champagne gold Plastic w/ Metal Frame





- TILE**
- RGB icon backlight
  - Customizable button icons
  - Custom colors of icon backlight
  - Available in 2 materials / 4 colors
  - Runs on HDL Buspro protocol
  - Flexible combinations
  - Supports online upgrade

### Controls everything

Tile intelligent control panels has push-button key-pads, OLED multi-functional panels, thermostat, socket panels with USB ports and emergency button panels.



Custom icon

### Premium quality

Giving you a sense of premium quality. Refined sandblasting finishes on the metal or the skin-like touch feeling on the plastic one.



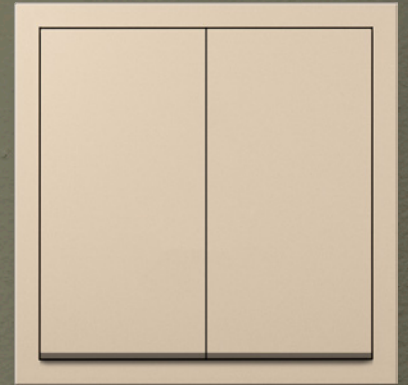
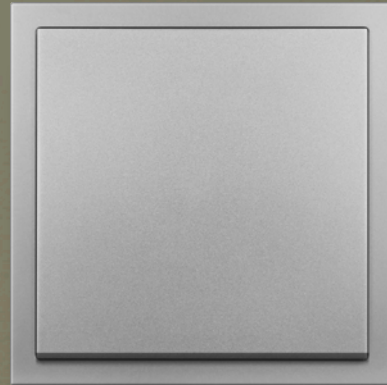
### Flexible Combinations

Tile is a keypad or socket panel in BS / EU standard. You can combine multiple units to serve more functionalities in a specific area.

- BS/EU Size
- Plastic : 86 x 86 mm, Metal : 90 x 90 mm

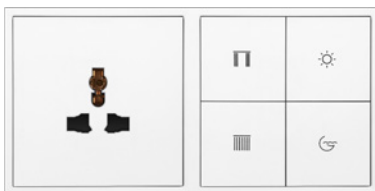
## Tile Mechanical Series

HDL Tile comprises not only a series of smart control panels, but also mechanical series such as dry contact push button, power outlet, communication and multimedia outlet.



## Mix & Match

Can be flexibly combined according to functional requirements.



- |  |  |
|--|--|
|  Ivory white<br>Plastic Frame |  Space gray<br>Plastic w/ Metal Frame     |
|  Ash gray<br>Plastic Frame    |  Champagne gold<br>Plastic w/ Metal Frame |

## Premium quality

Tile series comes with two different materials metal & plastic.



Universal socket



Dual USB charger



TV F-type outlet



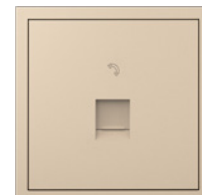
Data outlet



USB-C Fast charging



USB & HDMI



Telephone outlet



Card holder



**GRANITE Display** | 4.3" HD touch display  
Built-in proximity sensor  
Built-in temperature and humidity sensor  
Adjustable screen backlight brightness

### Granite Display

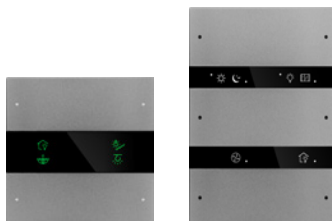
Granite Display is multifunctional to control lights, curtains, scene, air conditioning, floor heating, music and fresh air, etc.



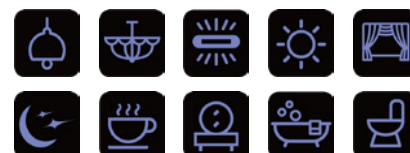
Instead of installing a row of switches on the wall, you can just use one Granite Display to control all electric devices and keep the wall in a minimal look at the same time.

### Granite

The status indicators and icon backlight on the panels are RGB lights, means colors can be changed to show different status.



The icons on the panels just intuitively show you what to control. Compared to engraving words on the buttons, icons make the appearance more minimal and look better.



Space gray

- BS/EU Size : 86 x 86 mm
- US Size : 86 x 116,5 mm

## DLP TOUCH

DLP Touch is designed to offer you a quick and simple touch-control experience. Its face is entirely covered by one piece of glass.



- Mono-color LCD
- RGB LED Indicator
- Supports 147 languages
- Customizable icons / captions
- Built-in temperature & sensor
- Built-in proximity sensor
- Built-in IR receiver
- Aluminum frame
- Supports online upgrade
- Power supply DC 24V



Customizable plate / frame color.  
Minimum quantity may apply.

- US Size : 86 x 116,5 mm



## DLP

Since its release 10 years ago, DLP is always one of the most popular items among our control panels.

The LCD directly indicates the control contents when its push buttons are able to give you firm feedback that confirms your operation.

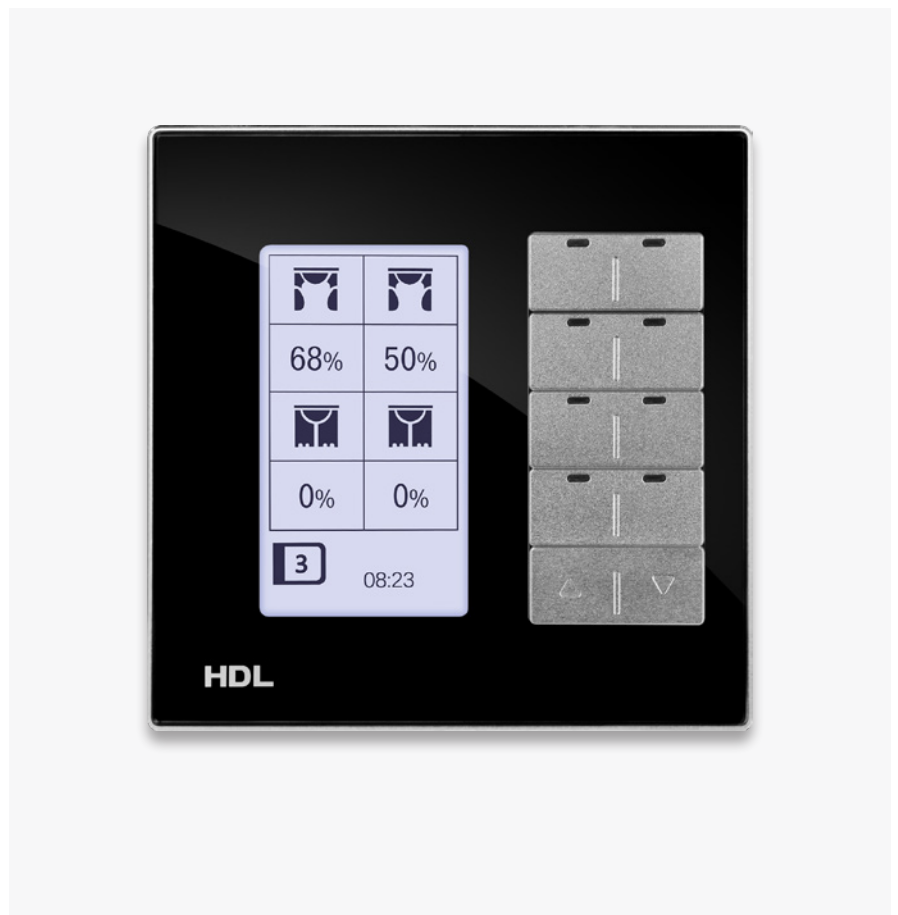
- Mono-color LCD display
- LED Indicator
- Supports 147 languages
- Customizable icons / captions
- Built-in temperature sensor
- Aluminum frame
- Supports online upgrade
- Power supply DC 24V

buspro  
WIRELESS



Customizable plate / frame color.  
Minimum quantity may apply.

- BS/EU Size : 86 x 86 mm
- US Size : 86 x 116,5 mm



## iFLEX

The iFlex range offers users the ability to swap their button names or icons, by simply removing a plastic sleeve and placing one of their own designs under it.



You can design a unique icon for each of your family or allow the children to place their little works of art on the buttons.

Push button with removable tags  
Aluminum frame  
Available from 2, 4, 6 to 8 button  
Power supply DC 24V

 Black  White

- BS/EU Size : 86 x 86 mm
- US Size : 86 x 116,5 mm

## iTOUCH

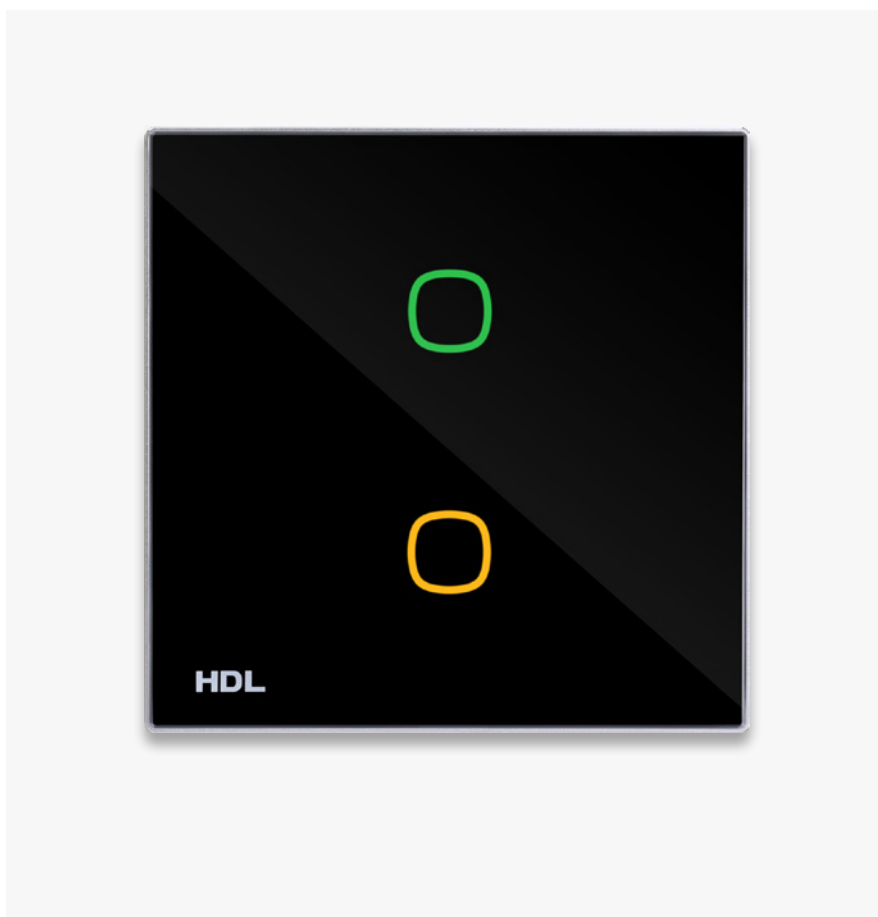
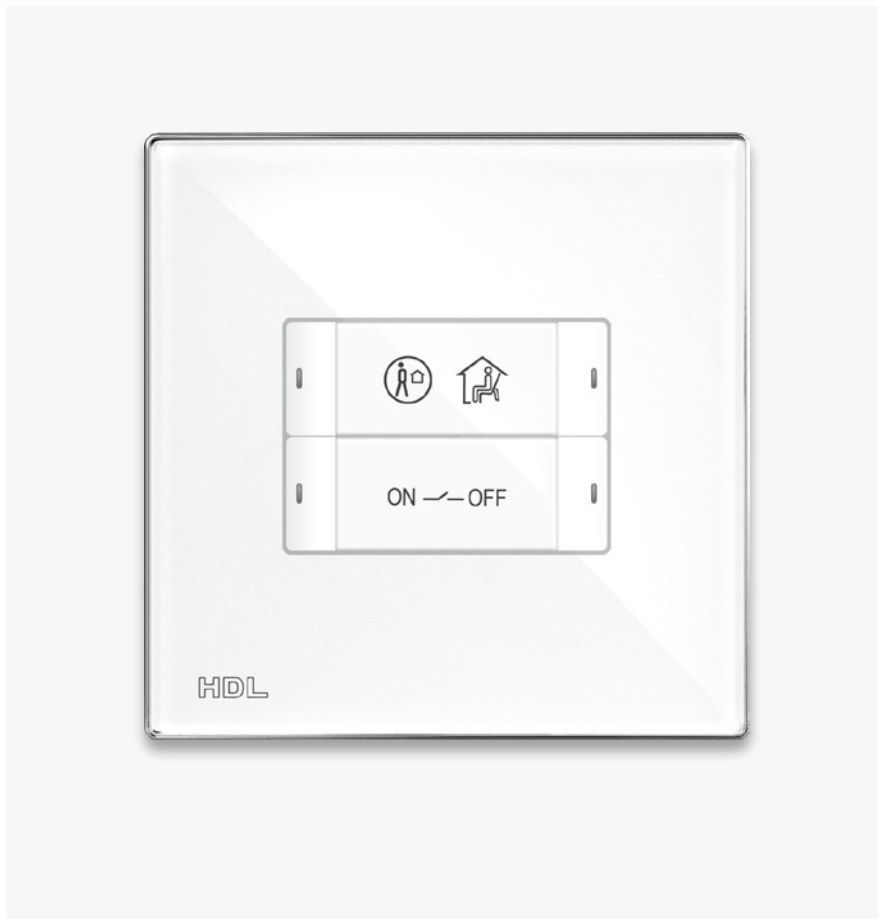
iTouch is a great option if you are looking for a keypad of minimal design.

Its body enclosed by a fine aluminum frame, while the face is a piece of glass with touch buttons. You can also dim the brightness of lights by a long press.

Touch button with RGB backlight  
Aluminum frame  
Supports online upgrade  
Power supply DC 24V

 Black  White


- BS/EU Size : 86 x 86 mm
- US Size : 86 x 116,5 mm



# HDL<sup>®</sup> BESS Battery Energy Storage System

The HDL Total Energy Management Solutions will integrate with home loads, ensuring that all aspects of your home are interconnected.

 **500W**  
Safety and Security

 **4500W**  
Home Appliance Control

 **100W**  
Smart Interaction



## HDL On Pro App

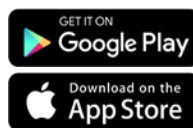
Effortlessly realize energy management of your home. Real-time monitoring and managing your power anywhere in the world.

## Hybrid Inverter

Unmatched 99.2% DC to DC Conversion Efficiency.

## Battery Unit

5kWh LFP battery pack, maximum battery capacity of 90kwh per system (by working with power guardian).



You can monitor and control your energy usage, set customized schedules and optimize your system for maximum efficiency. Making your home smart and energy efficient.

## Smart

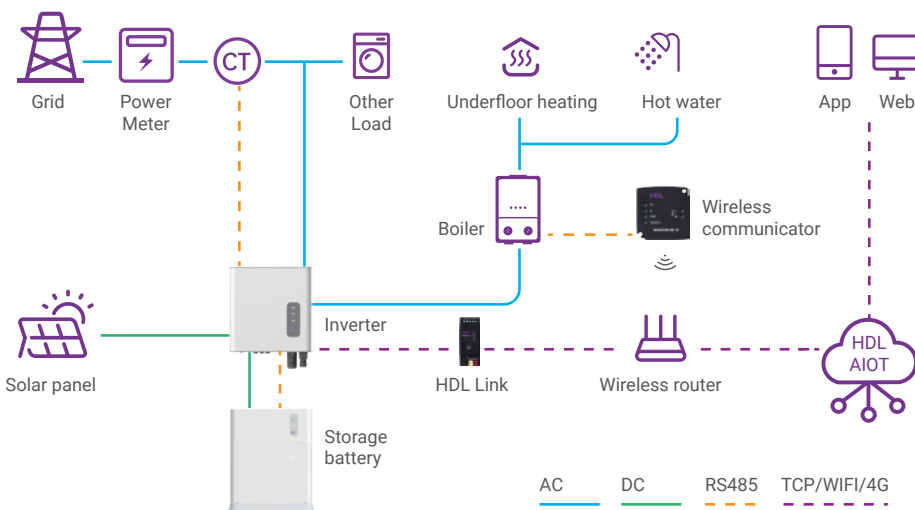
- Hybrid Energy Storage  
Solar surplus rerouted, cutting battery expenses
- Smart Home Integration  
Optimizes every kWh for efficient usage.
- Real-Time Price Management  
Automates charging to slash bills and maximize profit.
- Power Guardian  
Guarantees uninterrupted power during blackouts.

**1000W**  
Audio-visual Entertainment

**5000W**  
HVAC Control

**100W**  
Shading and Drying

**500W**  
Smart Lighting



## Power Guardian

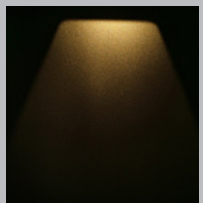
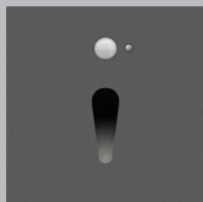
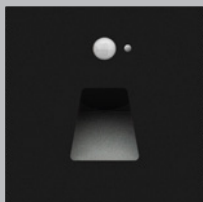
Flexible control of your energy distribution, ensuring an uninterrupted power supply during blackouts.

- Flexible installation, supporting embedded and wall-mounted setups.
- Comprehensive power management, connecting to the grid, PV, battery and generators simultaneously.
- Four backup circuits with each capable of delivering up to 5 kW output for customized home loads.

## Safe

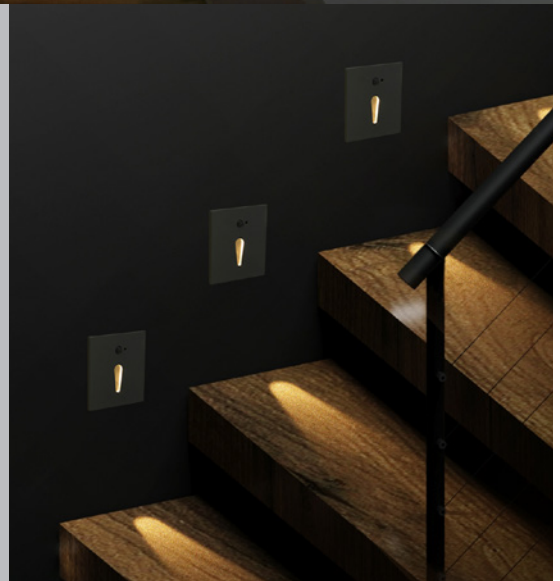
- DC Arc Protection
- Leakage Protection
- SunSpec Rapid Shutdown
- 24/7 Real-time Monitoring
- Insulation Monitoring

# HDL® ANGEL LED WALL LIGHT



Available in 3 colours  
**Black, Gray & White**

Optics  
**Square or Round**



When the ambient brightness is less than 8 lux and human body enters the sensing range, the light will turn on and will automatically turn off after 40 seconds after sensor detect no movement.

- Indoor application
- Recessed
- Black reflector
- IP65

## LED

- **OSRAM**
- 3000K
- CRI 90, 50 lm
- 50000h @ L80B10
- SDCM: 5

## Optic

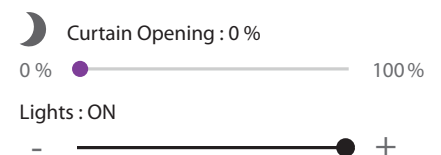
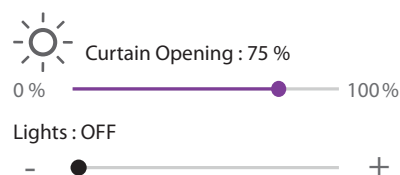
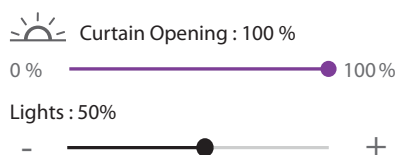
- Beam Angle : 90°
- UGR <19
- Round or Square





## Automation Scenes

You have the freedom to create the right ambience with just a simple touch. The HDL Motorized Curtain is Applicable to time scheduling and lighting scene.



## Curtain Motor & Track

Open, Close or Stop curtain via Remote Control, mobile app. or keypad.



Adjustable track length from 2.5 to 4.5 m

## Blind Curtain Motor

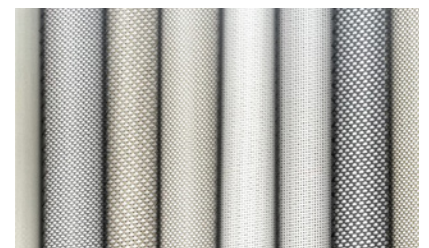
With 3 N.m motor torque, HDL Blind Curtain motor able to open, close or stop the blind curtain vertically.



Maximum tubular length is 2.5 m

## Blind Fabric

The fabric maximum size is 10 m<sup>2</sup> (2.5 m x 4 m). Porosity level: 3%, 5%, Light Transparent, Full Light Shading





## Occupancy Plus Sensor All in One Sensor

**24GHz mm Wave Radar Technology**  
Accurate and High Sensitivity

**Large Detection Range**  
0 - 1200 lx

**Master / Slave Logic Setting**  
Wide Range of Detection

**Flexible Installation**  
Surface or Flush mounted



Motion  
Detection



Presence  
Detection



Luminance  
Monitoring



Temperature  
Monitoring



Dry Contact  
Signals



Logic  
Module



General  
Switch

If you are on your trip, you can choose "Holiday mode". The system will monitor any suspicious activities such as unforeseen intruders, lighting control and automatic water sprinkler for your daily gardening and landscape maintenance.

### Multistage Alarm

Allows tracking of suspicious movement and activities through progressive alarm feature. It will immediately alert users and automatically trigger the alarm signal.

### Intimidation Alarm

In case of forced entry, the system will alert security or any other chosen authorities via 'mute alarm'. This will allow users to send out SOS messages and distress calls to the authorities without the intruder knowing.

### Monitoring

Monitoring for issues such as gas leaks, broken windows, unlocked doors or any other of forced entry. The system will automatically send a voice and/or text message to remind users of any irregular activities.



### Indoor Microwave Sensor

Ceiling Mount

Built-in LUX sensor, microwave sensor, temperature sensor, dry contact, universal switch

Microwave sensitivity range: 1-100

Delay time from 0 to 3600s

Support security function

Support online update

Working voltage : 12 - 30V DC

Temperature detection range:  
-20°C~45°C

Illumination detection range:  
0~5000LUX

Microwave detection range

Major axis direction : Ø10 m

Minor axis direction : Ø5 m

Installation height : 3m

Dimensions: Ø 84.5x32 mm



### PIR & LUX Sensor

Ceiling Mount

Equipped with Lux sensor, PIR sensor and universal switch, which can be used as logic conditions

Adjustable PIR sensitivity from 1 to 10

Delay time: from 1 to 3600 seconds

Logic can trigger different targets no matter it is true or false.

Working voltage : 18 - 30V DC

Temperature detection range : -5°C~45°C

Illumination detection range : 0~500Lux

Detection diameter : Ø6 m

Installation height : 3m

Dimensions: Ø 63 × 46.6 mm



## Motion Sensor

Human body motion can be detected through infrared sensing and when someone is detected, automatic functions or linkage scenarios can be implemented.

- Ceiling Mount
- Housing material: PC, iron
- IP20 (in accordance with EN 60529)
- Dimensions: 76 × 57 × 61 mm
- Net weight: 78g

## Outdoor Station

**Multiple options are available for users to unlock the doors**

- IC Card
- Fingerprint
- PIN Code
- Face ID

### Leave a message for the host

Visitors are allowed to leave audio or video messages for the hosts. As the host, you can check the messages when you are home.

## Indoor Station

### Superb image quality

The indoor monitors are equipped with a high-resolution display. It offers you a superb image quality that makes your video call communication more pleasing.

### Transfer video call to your mobile app

When you are not able to answer the call on the indoor monitor, the video call can be transferred to the mobile app. You can proceed the call wherever you are. You can unlock the door on the mobile app if it is needed.

**The indoor monitor works as a smart home panel**

Our systems are designed to deliver a solution for the individual needs of each hotel.

35 years of history and development team ensure our client's needs are not only met but exceeded.

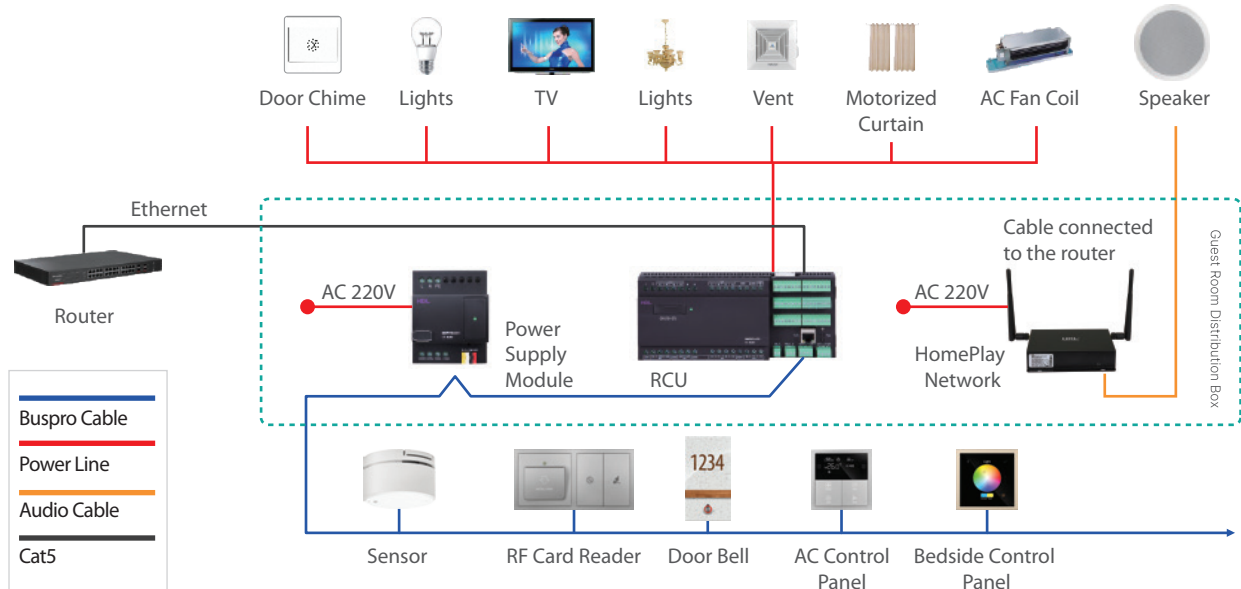


## Room Control Unit

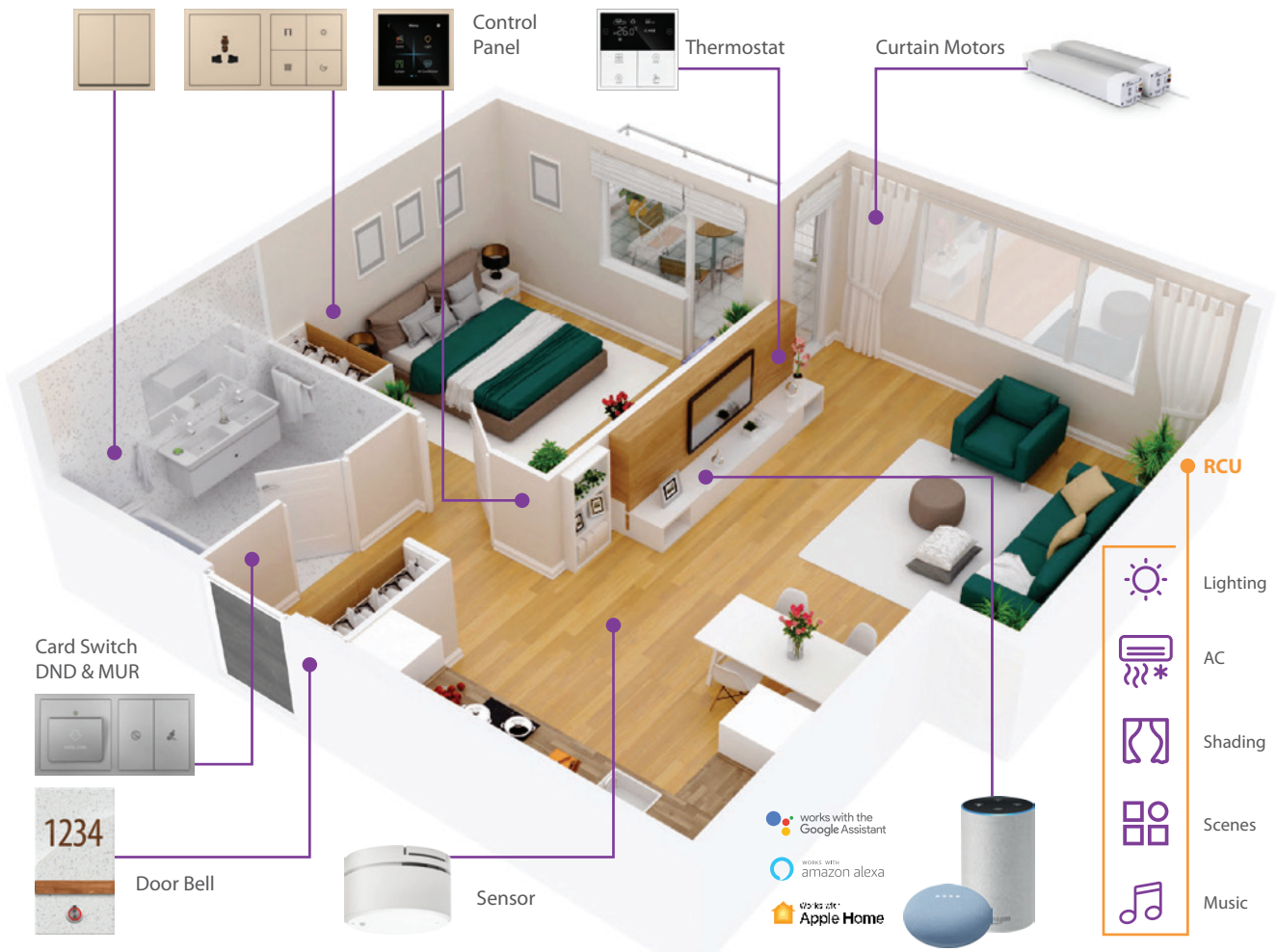
The RCU is responsible for simplifying connections in complex installations. It serves as a bridge from the guest room to the concierge management station.

In every RCU you will find the necessary electrical modules that connect the guest room features to the Guest Room Management software.

All devices interconnected  
Easy Scalability  
Simple Maintenance



## Guest Room Schematics



# HDL® Hotel Solutions

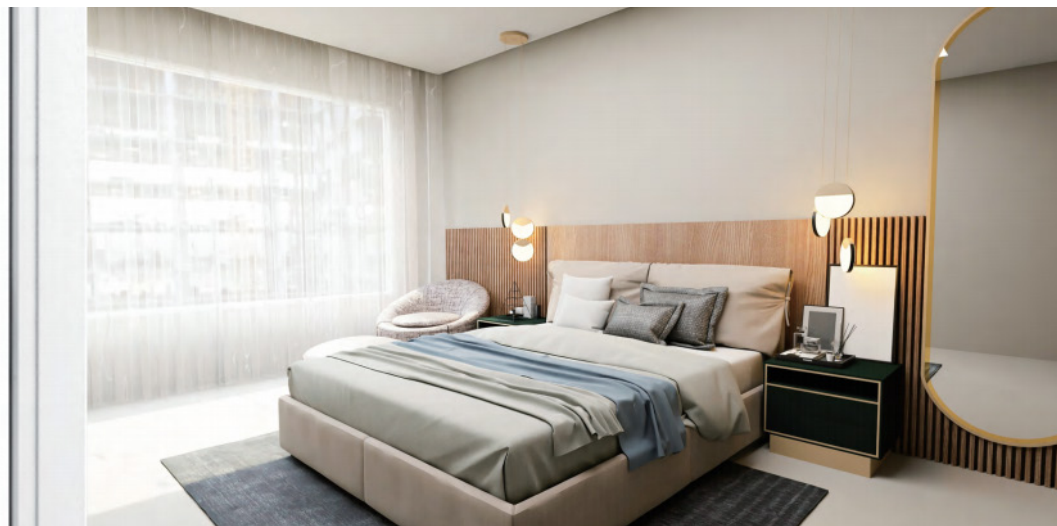
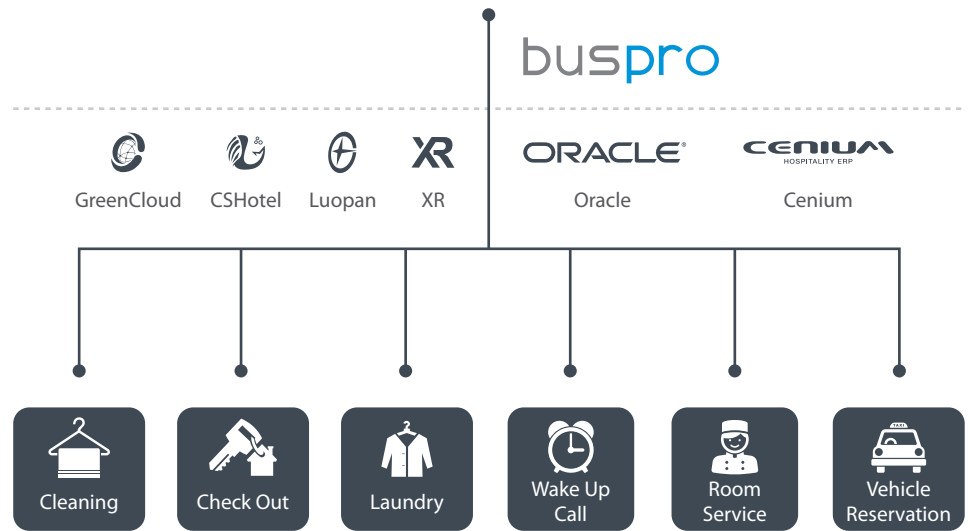
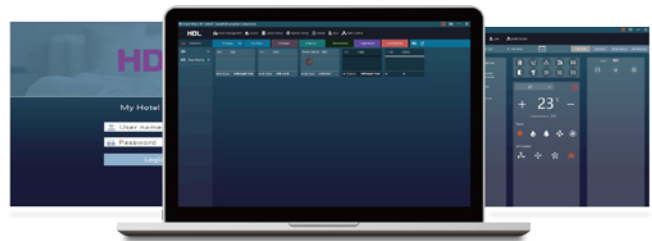
## Hotel Management Software

HDL Intelligent Hotel Management System (HMS) works with HDL's smart hotel system. It enables the hotel to manage its guest rooms, room cards, and services on a desktop computer to greatly improve work efficiency.



## PMS Integration

enabling real-time reports, and guarantee maximum compatibility with the most popular property management systems.



## Check In

When guests check-in, the receptionist can activate "Check-in" Mode.

The air conditioner will turn on and the indoor air will be within a comfortable range when guests enter the room.

## Welcome Modes

HDL system can integrate with the smart door lock and the specific scene will be triggered when the guest opens the door.

Enter the room with a welcome voice message and warm lights, and the curtains open automatically so guests can enjoy the view.

## Guest Experience

A hotel room can preset the specific scenes for guests to bring thoughtful experience, for example, a romantic mode for the newlyweds, working mode for business people and so on. Guests can just push one button for different modes.

## Security, Threats & Emergencies

All security, threats & emergencies can be detected immediately and can be integrated in one facility management system.



A pop up will instantly appear on your screen if a guest makes any service request which will ensure you to never miss guest's request.



### Avoid oversights.

In the concierge a notification pop-up will be received if a guest has a door open for an abnormally long time.

With the guest emergency switch, guest can immediately alert the concierge.

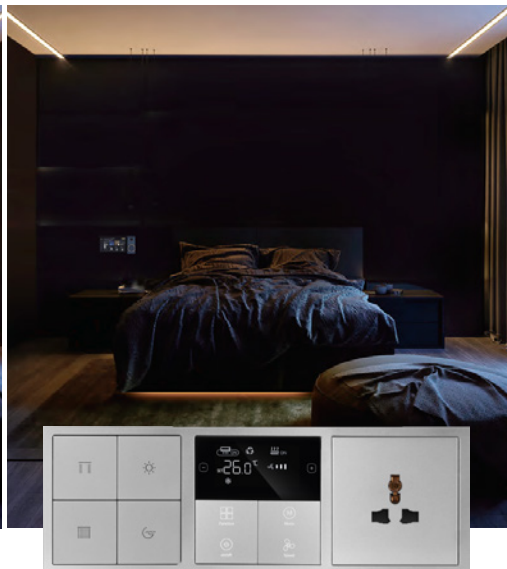


By using sensors, logic modules and controlling devices on the central control system, automatic control remarkably reduce the energy waste of manual features, while the users can also get energy usage report from the system to optimize resource allocation and improve energy efficiency



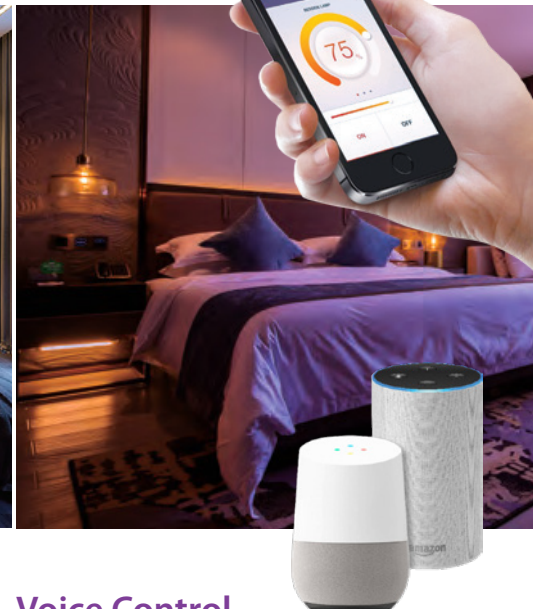
## Scene Control

A hotel room can preset the specific scenes for guests to bring thoughtful experience, for example, a romantic mode for the newlyweds, working mode for business people and so on. Guests can just push one button for different modes



## Smart Wall Panels

HDL allows guests to easily control the devices with touch screen panels and button panels, which can enrich the guests' operating experience.



## Voice Control

HDL hotel solutions can integrate with Amazon Alexa and Google Assistant.

Guests can control all the connected room devices by speaking and sure it's available to ask Google/Alexa to play beautiful music for you.

# HDL® GLOBAL PROJECT REFERENCE



**Dior Concept Store, Korea**

Interior & exterior lighting, Dimming and tuneable white, intergration with AMX touch screen & Somfy shades



**NLB Komercijalna Banka, Serbia**

Lighting, Shading and AC



**3Lateral / Epic Games, Serbia**

DALI Lighting & Dimming control, AC & Fan, Roller shutter & Flood sensor



**Bačka Topola Stadium, Serbia**

Lighting, Scenes, Sensors & AC control



**Popular Dessert Shop, Turkey**

Lighting, Scene control



**Istanbul Galliard Restaurant**

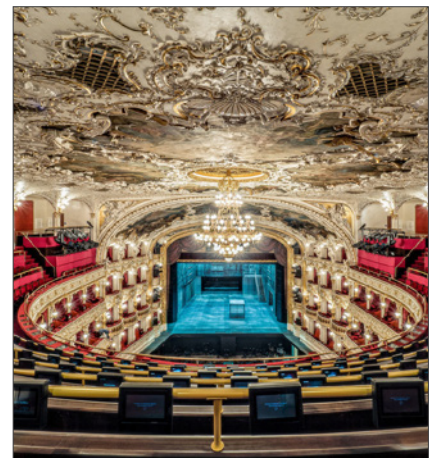
Lighting, Scene, Curtain & AC control



**Hainan International Convention and Exhibition Center, China**  
Lighting and Scene control, Central monitoring, Logical Time control, Auxiliary Illuminatiion



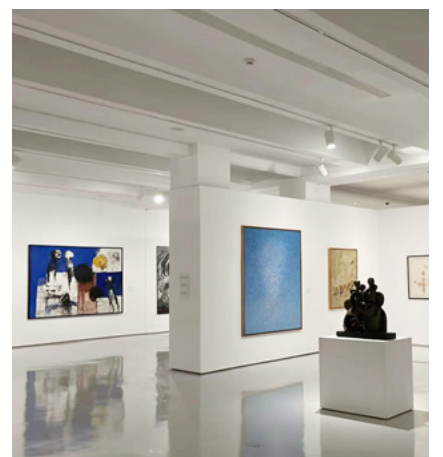
**Nebřenice Castle, Czech**  
Lighting and Dimming control, Scenes, Sensors and HVAC control



**State Opera Prague**  
Lighting control&Multi Scene control



**Bernard Brewery Visitor Centre, Czech**  
KNX lighting, shading and curtains



**State Opera Prague**  
Lighting control & Multi Scene control

# HDL® GLOBAL PROJECT REFERENCE



**W Macau - Studio City, Macau**  
Smart room and intelligent control, Opera PMS system



**Swissôtel Resort & Spa, Turki**  
Lighting & dimming control, thermostat and sensors



**Pullman Hotel Rotorua, NZ**  
Lighting, Sensor, Automation



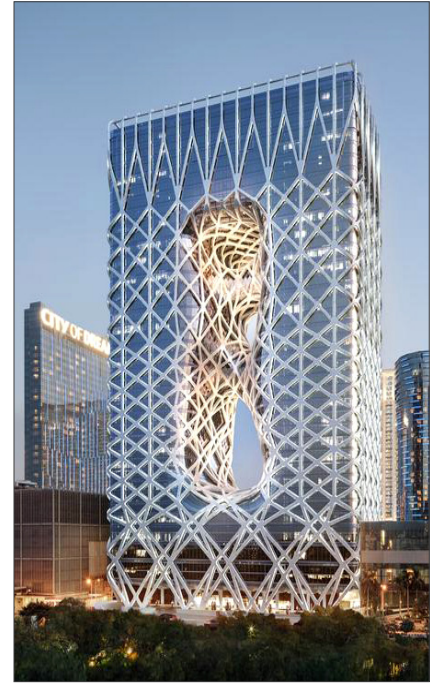
**InterContinental London**  
450 guest rooms. Lighting, AC, Shading, Scene and Sensor



**Park Hyatt Sydney, Australia**  
Lighting, AC, Shading, Music, CCTV



**Sheraton Fuqing Hotel, China**  
348 guest rooms. Lighting, AC, Curtain and Scenes control



**Morpheus Hotel, Macau**  
779 guest rooms, Public areas.  
Lighting, AC Shading



**Wave Island in Jesolo, Italy**  
KNX Lighting, Dimming & blinds control, HVAC, integration w/ video surveillance



**Gevora Hotel, Dubai**  
Guest rooms. Lighting, AC, Shading



**The Castle Bayview, Cambodia**  
Lighting, AC, Curtain & Scenes control



**Central Inn Souq Waqif Hotel, Qatar**  
Lighting, Scene & AC control



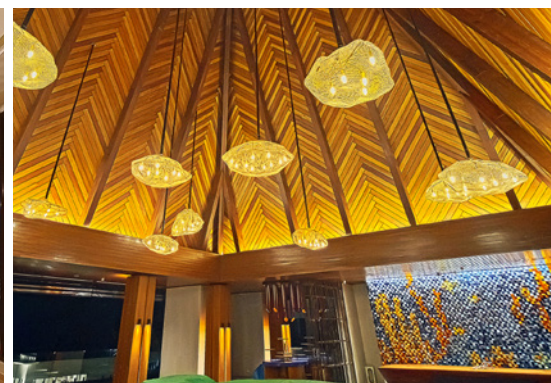
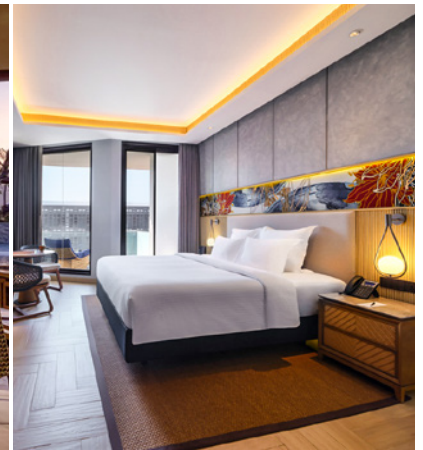
**DoubleTree by Hilton, Turkey**  
150 guest rooms. Lighting, Scene

# HDL® PROJECT REFERENCE



## Pullman Lombok Mandalika Beach Resort

230 rooms, 27 villas, 6 public areas | Room control unit for lighting & AC  
Main lobby, All day dining, Specialty restaurant, Meeting Incentives Convention Exhibition  
Small meeting rooms & lounge, Spa and gym





**Renaissance Bali Nusa Dua Resort**  
310 rooms | Room control unit for lighting & air conditioner



# HDL® PROJECT REFERENCE



Jumeirah Bali

Lighting control for main lobby & reception, ballroom, spa and restaurant



Mason Pine Hotel  
Bandung

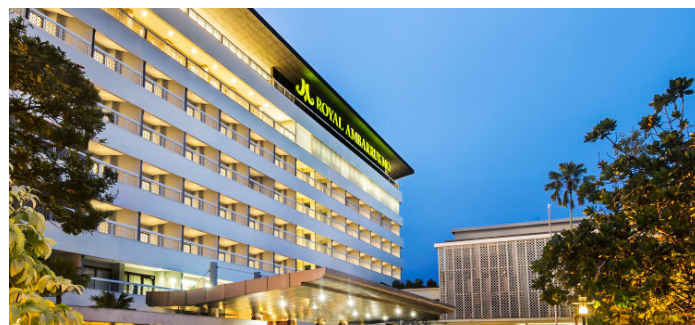
- 16 Executive rooms
- 19 Premier rooms
- 4 Junior Suites rooms
- 2 Grand Suites rooms
- 1 Presidential Suites room

Lighting control and  
Welcome Scene



The Gaia Hotel - Bandung

201 rooms | Room control unit for lighting, air conditioner and motorized curtain control



Royal Ambarukmo  
Yogyakarta  
2<sup>nd</sup> and 8<sup>th</sup> floor  
Meeting rooms & Lounge  
Lighting control and  
Apps control

# HDL® PROJECT REFERENCE



## Aruss Hotel, Semarang

RGB lighting and dimming control for lobby, ballroom, restaurant, gym, pool, sky lounge, meeting room and kids room

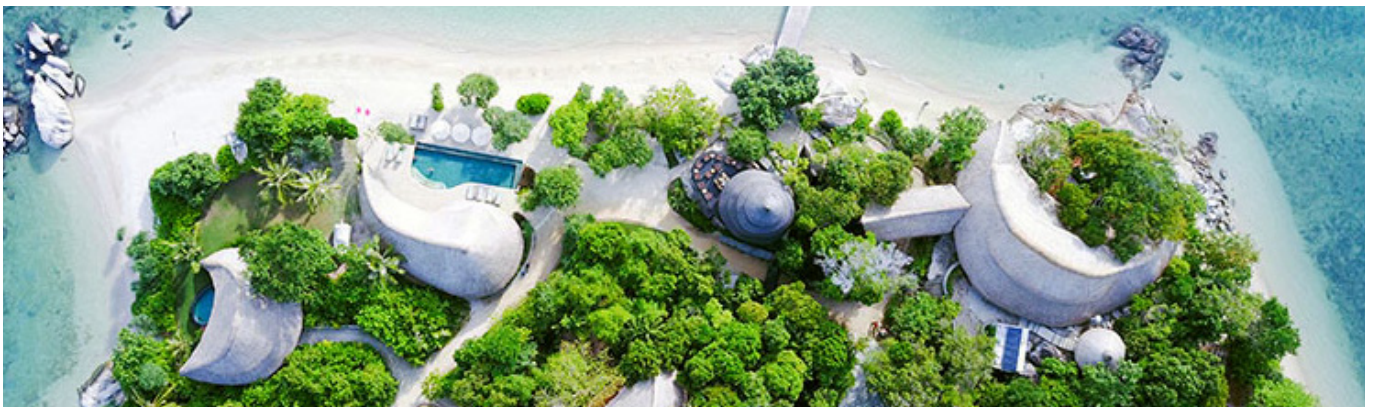


## The Apurva Kempinski Nusa Dua, Bali

396 rooms | Room control unit for lighting and air conditioner



**Alila Hotel Seminyak, Bali** Room control unit for lighting in 99 guest rooms | 30 garden deluxe rooms | 1 penthouse



**Cempedak Resort, Bintan Islands**  
Lighting control for 30 villas, Restaurant & Bar



**Klub & Spa Borobudur Hotel, Jakarta**  
11 Spa rooms, Restaurants, 6 Ballrooms  
4 Meeting Rooms



**Impiana Resort Ubud, Bali**  
Lighting control at public space

#### OTHER PROJECTS

- Emersia Hotel Padang
- Four Point Hotel Manado
- Garden Inn Tangerang
- Gumaya Semarang
- Grand Ambarukmo Yogyakarta
- Holiday Inn Express Bali
- Impiana Resort Ubud
- L Seminyak Hotel Bali
- Pesona Alam Resort & Spa Bogor
- Prime Park Bandung
- Yasmin Hotel Tangerang

# HDL® PROJECT REFERENCE



## Satu8 Residence, Jakarta

168 unit apartments.  
Controlling lighting and motorized curtain. Combined with conventional switches by BQSS



## Citra Fine Homes

1 Cluster | Lighting, Curtain, AC, App

## Podomoro City, Deli Medan

Home automation combine with electronic switches by BQSS, and Room control unit for lighting with app control. Almost 3000 unit apartment in 6 tower.

Empire Tower, Liberty Tower,  
Lincoln Tower, Lexington Tower  
Northern Tribeca Condominium  
Southern Tribeca Condominium



**Auraya Suites Marketing Gallery - Alam Sutera Tangerang**  
Lighting Control with dimming, Time Scheduling



**Tentrem Suites Semarang**  
29 units 2 BR  
36 units 3 BR  
4 units penthouse  
  
Lighting control  
Buspro wireless

# HDL® PROJECT REFERENCE



**MD Studio**  
Director's Office and Lounge | Lighting Control



**LELCO building, Jakarta**  
Battery Energy Storage System





**Weekenders Backyard**

To enhance the atmosphere of the bar and create the right scenario for either live music or DJ performances. With time / event scheduling, the lighting scene changes automatically.



**Cinépolis**

203 Studios at 29 Cities, Light dimmer & projector control

**FLIX Cinema**

10 Studios at Mall of Indonesia, 4 studios at District 8.

# HDL<sup>®</sup> PROJECT REFERENCE



Cooking Class Koepoe Koepoe

Lighting control and App



Thien Thien Lai Restaurant

Lighting control, time scheduling and apps



**Tumurun Private Museum Solo**  
Lighting, AC, App



**Asian Development Bank**  
Lighting control



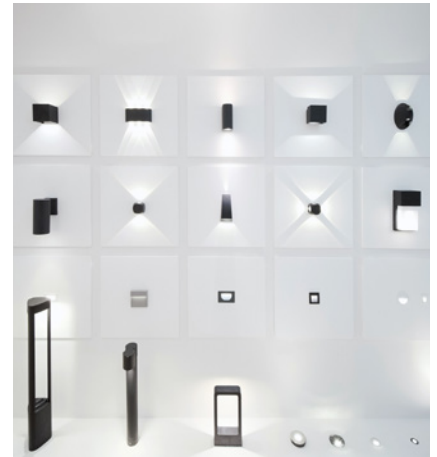
**Infotech Office Building**  
Lighting, AC, Blind, Sensor, App



**GKBP Fajar Pengharapan, Bandung**  
Lighting control



**St. Monica Church BSD, Serpong**  
DALI lighting control



**Dextron Teknologi Indonesia**  
Lighting & dimming, AC, curtain, sensors, voice command & apps



**One Narita Residence, Tangerang**  
Lighting control at lobby



**Putra Makmur Abadi, Medan**  
Lighting, AC & Curtain control



**Private Residential**  
@ various location

Ciputra Skyloft, Surabaya  
Ciputra Voila, Surabaya  
Gedung BMKG, Jakarta  
Istana Merdeka, Jakarta

Maxx Box Orange County - Marketing  
Gallery, Cikarang  
Marketing Gallery Orchard One  
Navigat Office, Jakarta

Pacific Place Executive Centre  
Raja Kamar Office, Jakarta  
Seketaris Negara Hall, Jakarta  
Yayasan SGU Jakarta

**PT.Australindo Graha Nusa**

LELCO Building, Jl. Tomang Raya No.14  
 Jakarta 11430 - Indonesia

Telp : +6221- 560 5678  
 Fax : +6221- 567 3402

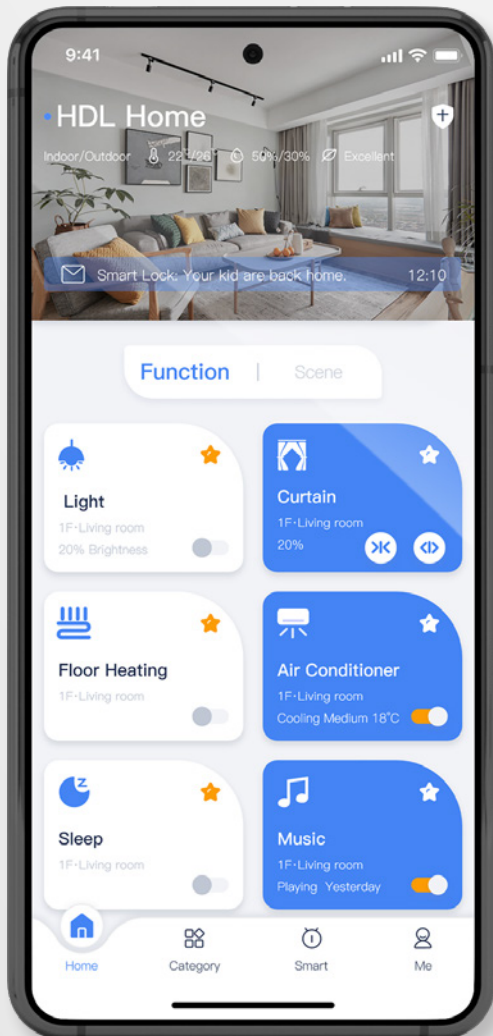
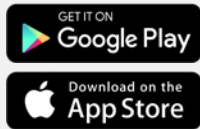
[www.australindo.co.id](http://www.australindo.co.id)  
[marketing@australindo.co.id](mailto:marketing@australindo.co.id)



HDL automation indonesia



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