

Follow us HDL Automation

Website www.hdlautomation.com

E-mail sales@hdlautomation.com

SMART HOTEL SOLUTIONS

2026 / 09

SMART HOTEL SOLUTIONS

Since 1985, Your Reliable Partner

HDL Automation Co.,Ltd.



CATALOG

01 About HDL

05 Smart Hotel Solutions

27 Hotel Products

- Hotel Panel
- Hotel Door Bell
- Hotel Card Reader
- Controller
- Logic Module
- Relay

51 Hotel Projects

Who we are?

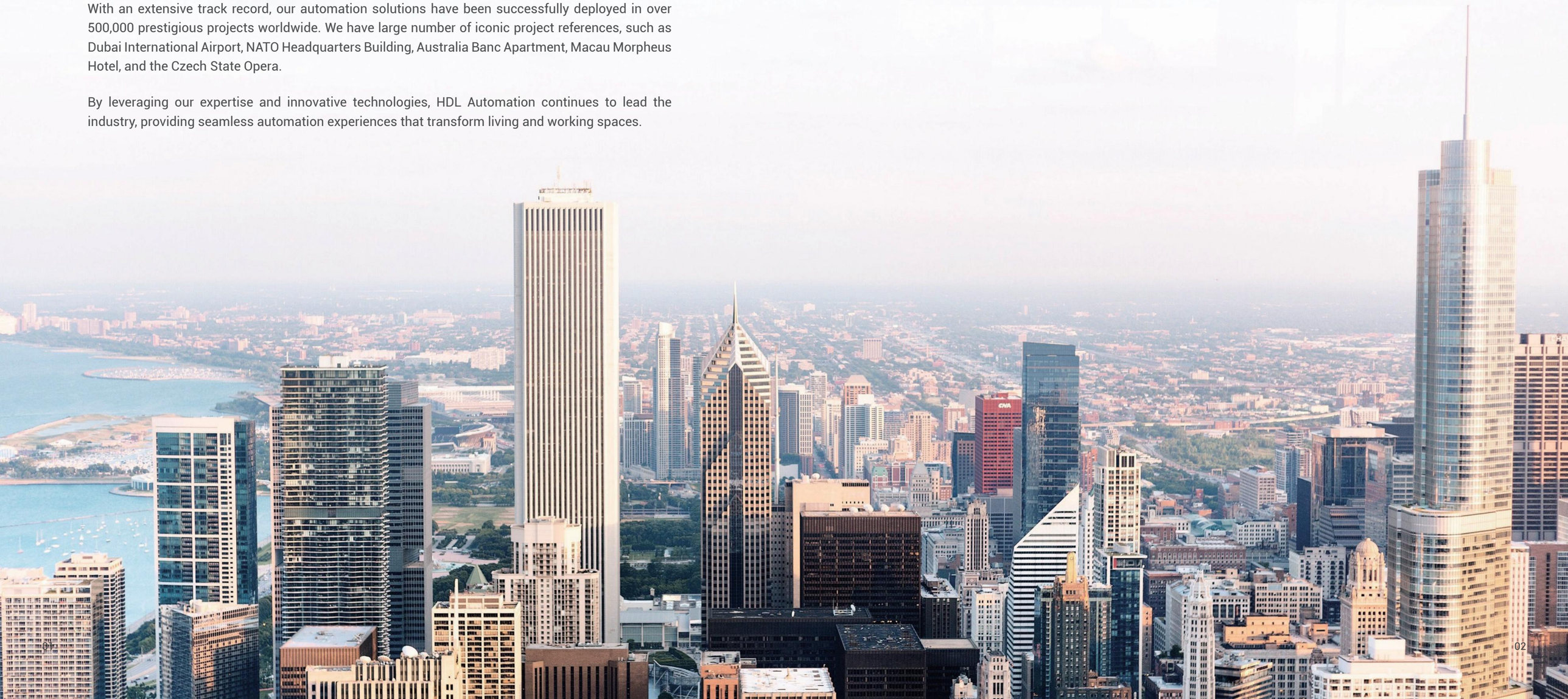
HDL Automation, established in 1985, is a leading international technology company specializing in smart home, smart building, smart hotel and total energy solutions. With a strong commitment to the market, we strive to deliver comprehensive automation control systems and integrated solutions for homes and buildings.

At HDL Automation, our core product portfolio encompasses a wide range of cutting-edge technologies. 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, and security.

With an extensive track record, our automation solutions have been successfully deployed in over 500,000 prestigious projects worldwide. We have large number of iconic project references, such as Dubai International Airport, NATO Headquarters Building, Australia Banc Apartment, Macau Morpheus Hotel, and the Czech State Opera.

By leveraging our expertise and innovative technologies, HDL Automation continues to lead the industry, providing seamless automation experiences that transform living and working spaces.

Since 1985, Your Reliable Partner



Brand History



1985

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

1995

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

2004

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

2007

HDL took its first step in global expansion, marking the beginning of its globalization with entry into the Dubai and Israel markets.

2015

HDL was among the earliest enterprises to introduce a set of wireless smart home products in the domestic market. It was also the first enterprise to apply both wire and wireless distributed system into the projects.

2017

HDL test center was authorized by the KNX organization as the 16th certified KNX test center in the world. It is also one of only two test centers in mainland China.

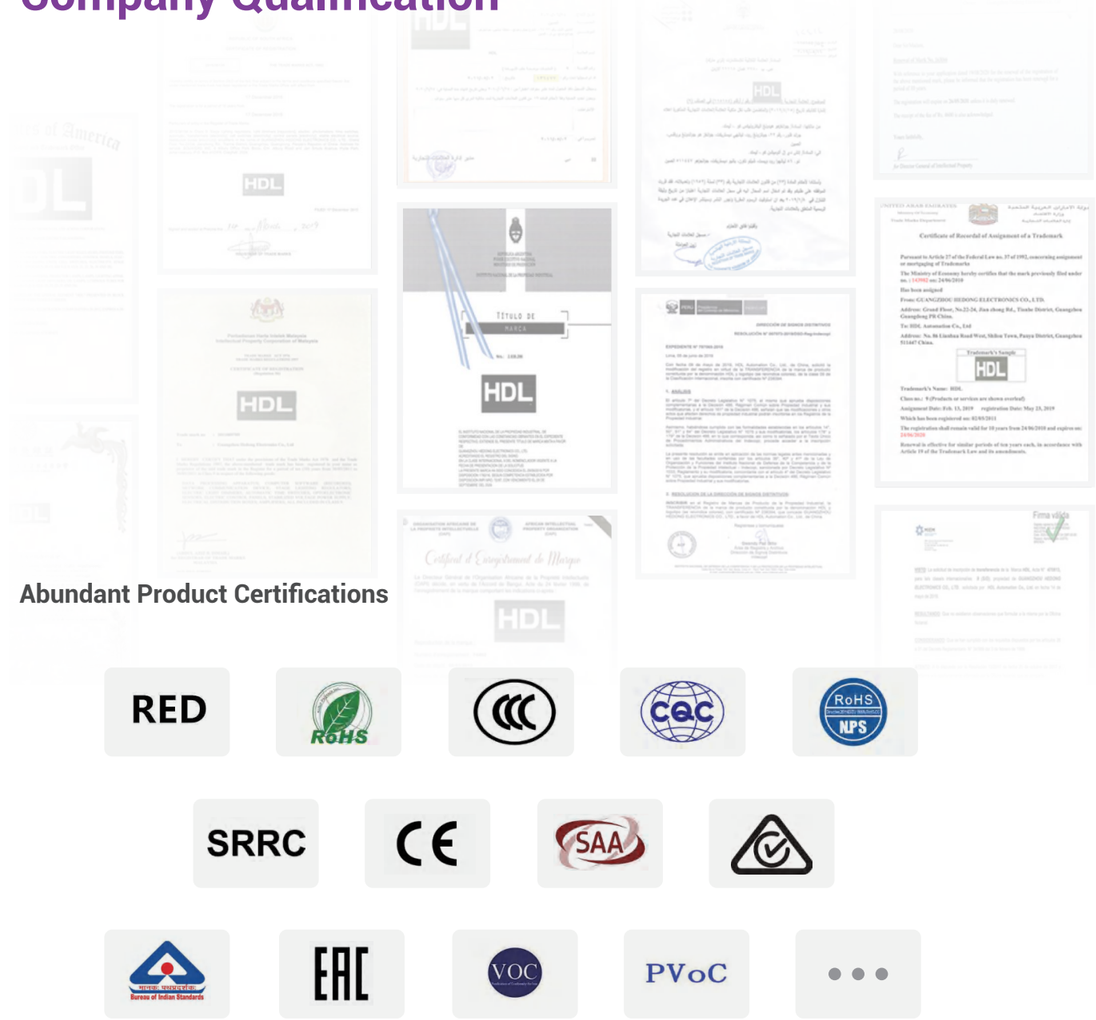
2021

HDL built a comprehensive partnership ecosystem and launched the HDL LINK protocol, thereby realizing the interconnection of the three HDL systems (Buspro, Buspro Wireless and KNX).

2024–Present

HDL was recognized as the "No.1 Wired Smart Home Brand in China" and received multiple prestigious industry recognitions. It also introduced Xenterra, its new sub-brand dedicated to AI-driven home energy management.

Company Qualification



Abundant Product Certifications

Multiple System Certifications

ISO10012
2003
general requirements for measurement management systems

ISO14001
2015
environmental management systems

ISO9001
2015
quality management systems

ISO17025
2017
testing and calibration laboratory capabilities

ISO45001
2018
occupational health and safety management systems.

SMART HOTEL SOLUTIONS

What is HDL Smart Hotel Solution?

To make the day to day running of a hotel simple, efficient and effective, HDL brings hotel operators a powerful control system which can increase energy efficiency, enable services to be delivered faster, improve a building's security, and increase guest comfort and convenience.

Corridor and Elevator Control

Energy Consumption Management

Room Control

Equipment Management



Welcome to the Future of Hotel Management

GUEST ROOM 312

ENERGY SAVING

The guest is away, energy saving mode has been activated:

- All lights off
- Heating off
- Appliances on standby

GUEST ROOM 413

WELCOME MODE

Business trip welcome mode launched:

- Curtains open
- All lights on
- Background music activated

GUEST ROOM 414

CLEANING MODE

Cleaning mode activated:

- AC off
- Curtains open
- Doors unlocked
- Appliances off

GUEST ROOM 308

SECURITY

If a guest has left their room door open for more than 20 minutes, a warning will be sent to the concierge.

GUEST ROOM 315

DND MODE

Do not disturb mode activated:

- The DND icon has been illuminated on the doorbell panel.

GUEST ROOM 216

READING SCENE

Guest has activated the reading scene from the room DLP panel:

- Lighting dimmed by 30%
- Curtains closed 100%
- Bedside lamp on

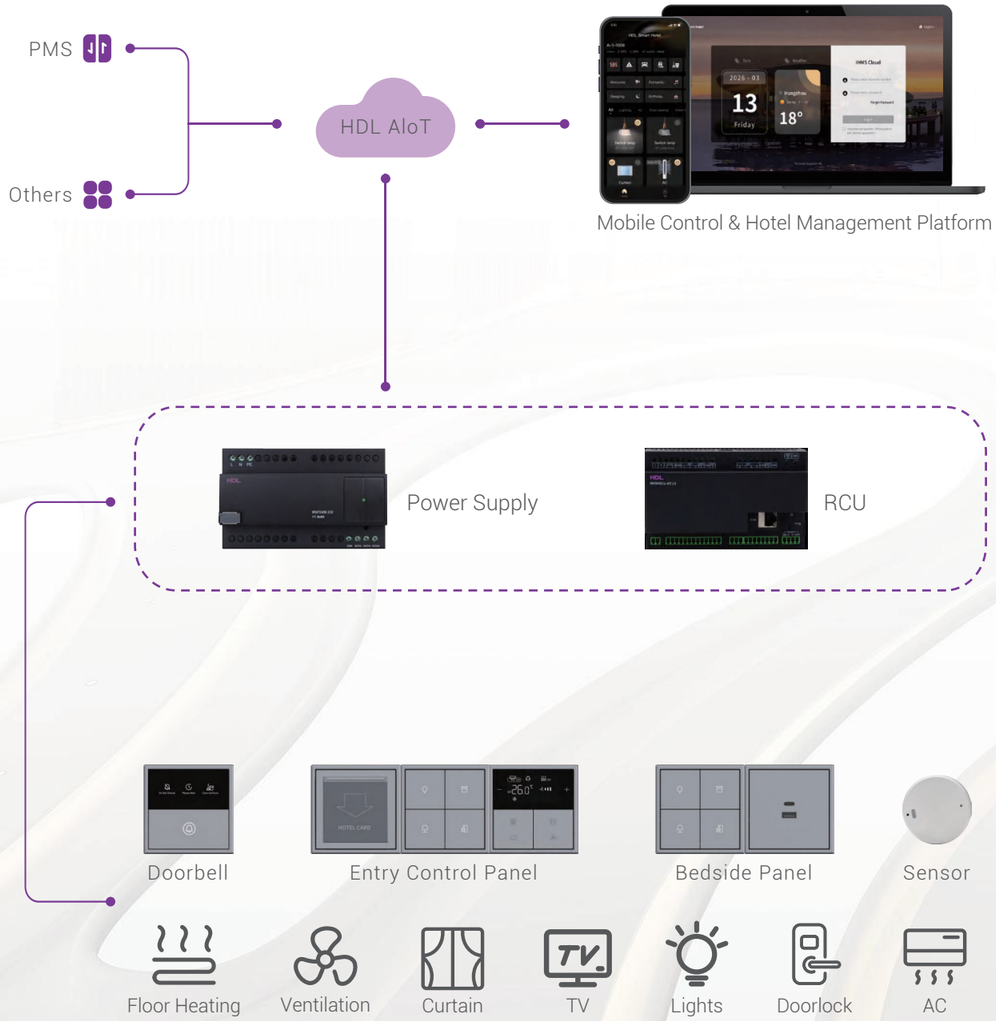
GUEST ROOM 104

ROOM SERVICE

Guest has requested to check out. Petition delivered successfully to the PMS system.

Hotel Solution

HDL offers a comprehensive and flexible hotel solution with multiple controller options and software configurations to meet the needs of projects of different sizes and requirements. From guest room control and energy management to centralized hotel operations, the solution enables efficient management, optimized energy use, and a seamless, intuitive guest experience.



Solution Advantages



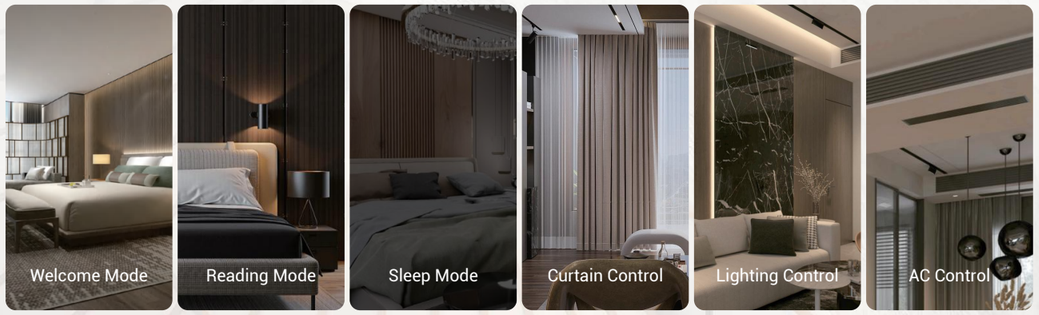
Open Integration with Third-Party Systems

Connects with PMS, BMS, and voice control platforms, bringing access, building management and guest-related operations into one smart hotel ecosystem to improve operational efficiency.



Energy Consumption Monitoring

The system delivers clear, visualized energy data that helps hotel managers optimize operations, reduce waste, and control costs.



Flexible Scene & Function Customization

Hotel can easily tailor room scenes and features —adapting lighting, climate, and other in-room controls to meet guest preferences and operational needs.

HDL IHMS

Tailored for diverse hospitality needs, HDL IHMS offers flexible cloud and on-site deployment through its B/S architecture, helping hotels improve operational efficiency, enhance energy management, and deliver a seamless guest experience.

IHMS Cloud

Provides web-based hotel management without local servers, reducing deployment cost and maintenance complexity for easier operation.

IHMS Edge

Provides an on-site solution with local data storage for stable operation, enhanced privacy protection, and deep customization capabilities.

Key Features

Improve Operation Efficiency

Centralized management enables operators to adjust room set-tings, track device status, and respond to guest needs instantly.

Energy consumption monitoring

The system delivers clear, visualized energy data that helps hotel managers optimize operations, reduce waste, and control costs.

Effortless Room Control—No App Required

Guests simply scan a QR code to control lighting, temperature, curtains, request services—no downloads, no delays.

Customization Support

Flexible interface design tailored to hotel's needs—supporting custom login URLs, background images, and logos for a consistent brand experience.

Guestroom Management	Device Management	Energy Management
Service Expansion	Efficient Operation	Scene Control
Message Center	Account Center	PMS Integration



Benefit from HDL Smart Hotel Solutions

Better Guest Experience

People always expect “a home beyond five-star” from premium hotels. To meet such an expectation, hotels can also invest in hardware apart from providing sincere, thoughtful and friendly services. With such upgraded services, the guest can enjoy home-like comfort and 100% considerate services. What could be better than such a stay?

Higher Energy Efficiency

HDL provides a reliable and efficient system to replace traditional manual operations. 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.

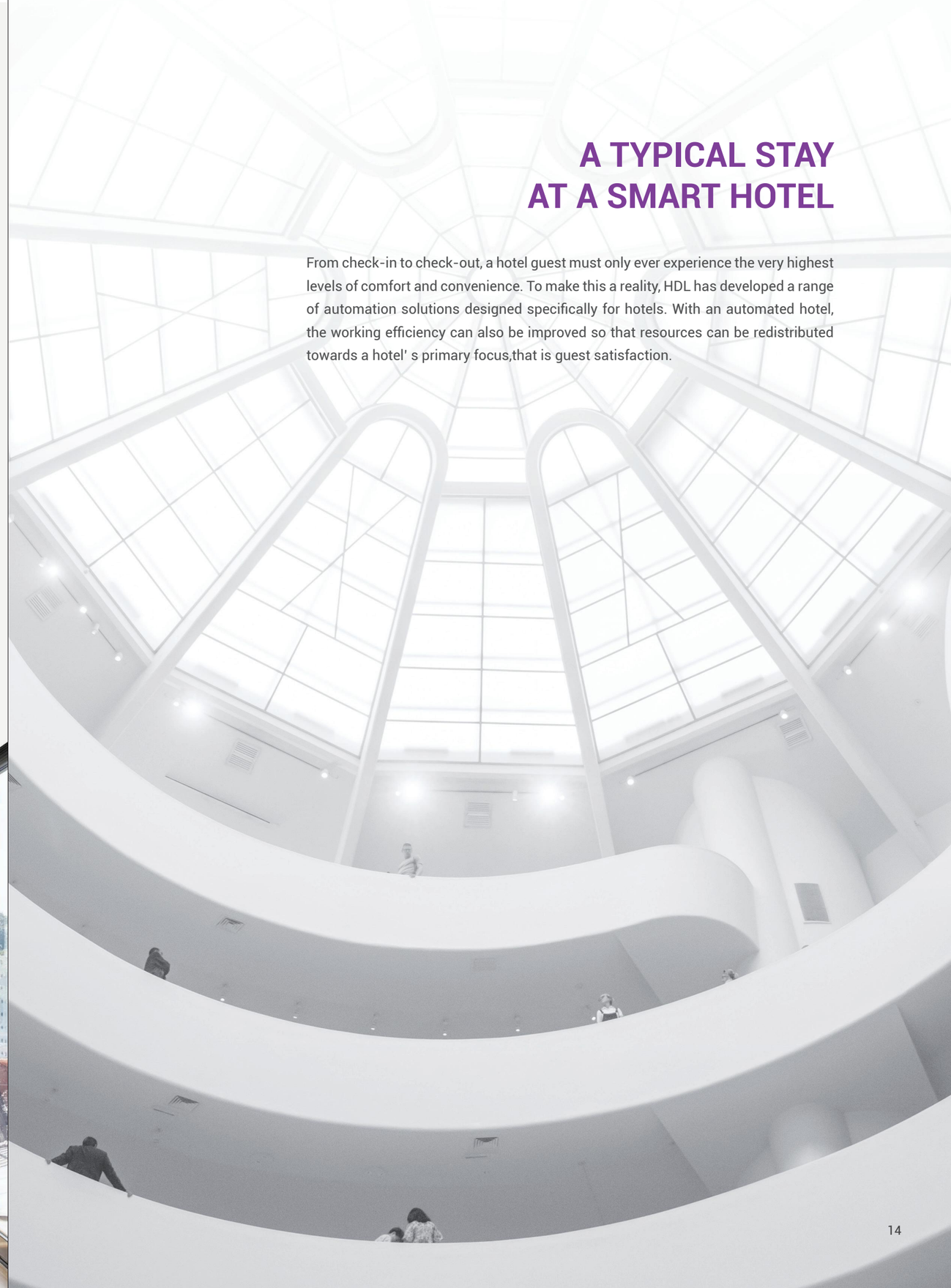
Lower Management Cost

Various scenes can be programmed using timing and logic features. Hotel staff is enabled to effortlessly control lighting and other appliances and also the multiple scenes on the PC software, iPad or wall-mounted panel to increase management efficiency. On the other hand, staff can quickly and accurately respond to guest's demands.



A TYPICAL STAY AT A SMART HOTEL

From check-in to check-out, a hotel guest must only ever experience the very highest levels of comfort and convenience. To make this a reality, HDL has developed a range of automation solutions designed specifically for hotels. With an automated hotel, the working efficiency can also be improved so that resources can be redistributed towards a hotel' s primary focus,that is guest satisfaction.



Check In

When the guest checks in, the receptionist can select the “Check-in” Mode with HDL Intelligent Hotel Management System. The air conditioner has been turned on in advance, So the temperature and air in the room will be in a comfortable range when the guest arrives.



Impressive Welcome Mode

Impress your guest with a Welcome Mode? HDL system can integrate with the smart door lock and the specific scene will be triggered when the guest opens the door. He/she can walk in the room with warm lights, and the curtains are automatically opened so that the guest can enjoy the beautiful scenery. Besides, different welcome modes can be set and triggered based on day and night.



Friendly Guest Experience

Lighting

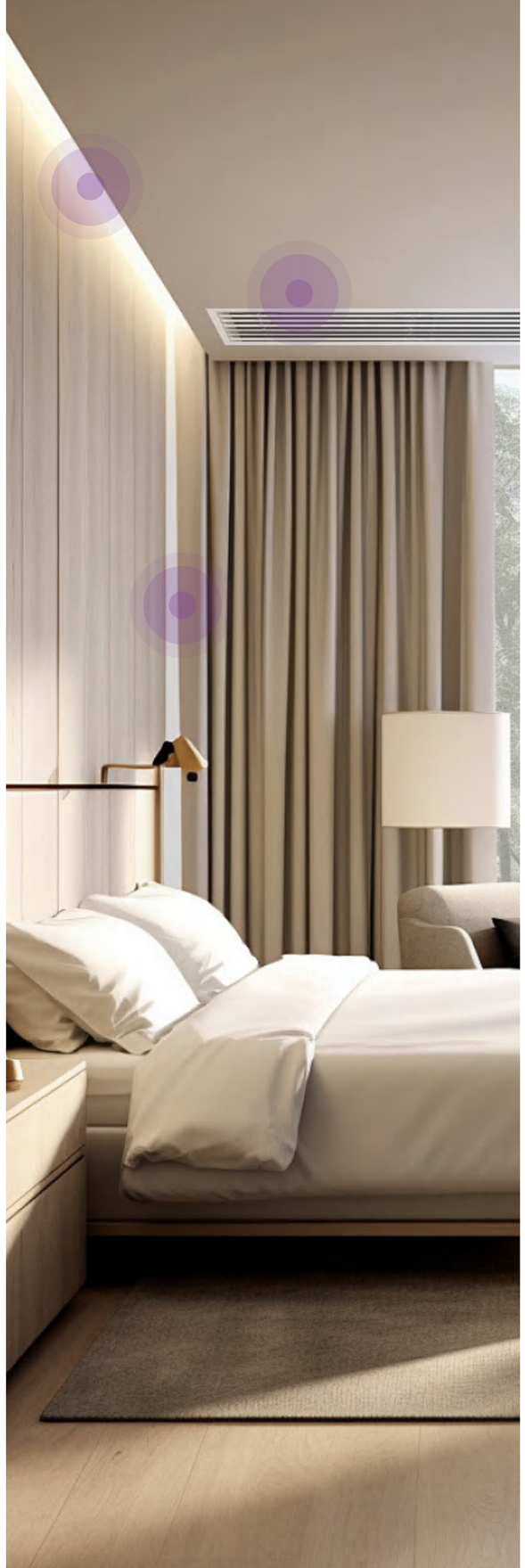
HDL makes lighting control simpler and more interesting. Guest can realize the control of lighting via panels, and mobile devices and achieve multiple scenes with lighting. The system will also automatically adjust the lighting in the room with HDL lux sensors, therefore to create a pleasant atmosphere while saving energy for the hotel.

Shading

It would be annoying to get out of bed to close the curtains when getting ready for bed. With HDL guest room solutions, the guest can effortlessly control the curtains on a wall panel or mobile phone.

Climate

The system will automatically turn on the air conditioner and keep a comfortable temperature before the guest gets into the room. And the AC will enter into “Stand-by” Mode after the guest leaves the room to save energy.



Three Ways to Refresh Your Stay

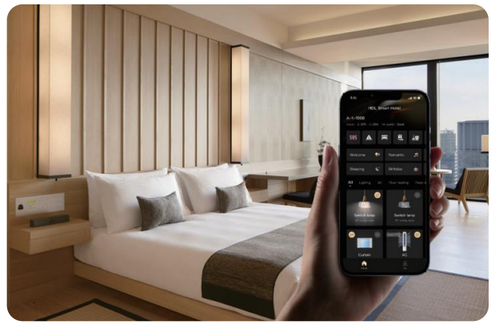


Control With Smart Wall Panels

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

Control with Mobile Phone

To gain more intuitive interaction with room devices, HDL hotel solutions support control through your mobile phone, giving you even more flexibility experience.





Automatic Control

The bathroom is equipped with an infrared sensor, which can be used to judge whether there is a person. And the system will turn on the basic lighting and exhaust fan once a person is detected, and will turn the lights and fan off after a few minutes when no one is detected. It's convenient and energy-efficient.

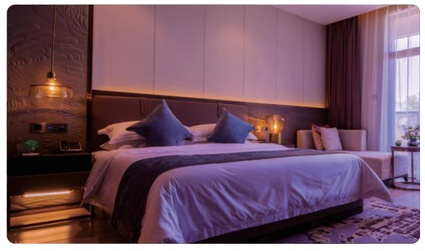
Scene Control

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.



Warm Mode

Just with one button/touch, downlights and lamps with high illumination are turned off, and only light strips and wall lamps are kept to create a warm and comfortable environment.



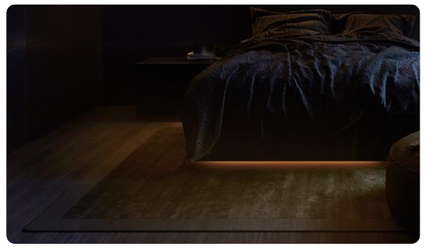
Romantic Mode

Romantic mode is meant to be thoughtful for guests looking for a warm environment. Warm and cozy lighting with romantic music altogether creates a comfortable ambiance.



Sleep Mode

With one touch, lights are turned off and curtains are closed, creating a dark, restful environment for sleep. No need to adjust each device individually, allowing guests to settle in and unwind with ease.



Midnight Mode

When the guest gets up during the night to go to the bathroom but cannot find the panel in the dark, pressing any button will gently bring up the panel backlight. This helps the guest locate the controls and prevents accidental activation of bright lights that could disturb their sleep.

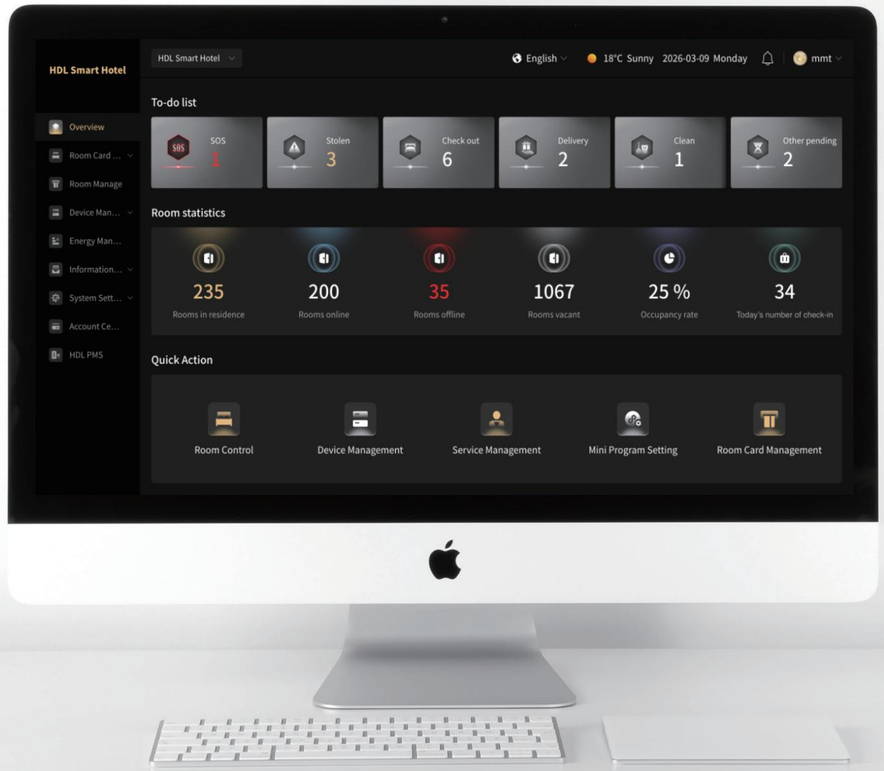
Easy Service Requests and Response

Room service should be as simple as picking what guests want from a menu. The hotel can preset various scenes on the panels, such as some common scenes like DND, MUR, Away, etc., all it takes is pressing a button. With intelligent hotel management software, the staff can quickly receive the request of the guests and take the corresponding actions.



Instant Check Out

When the guest selects “Check Out”, the front desk receives visual and voice notifications through HDL IHMS, allowing staff to prepare in advance and reduce the guest's waiting time at reception. This helps improve operational efficiency and the overall guest experience.



SOLUTIONS FOR PUBILC AREAS

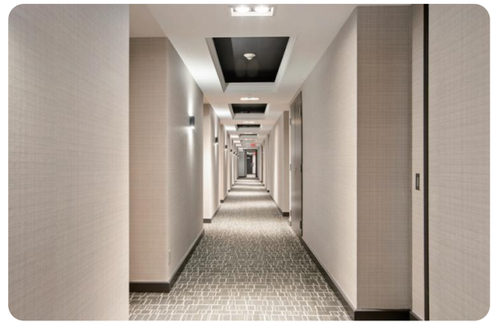


Lobby

Guests always get the first impression of the hotel from its lobby, so a welcoming atmosphere is crucial. HDL system can automatically adjust the comfortable illuminance environment according to different times, which can make people feel cosy. And through carefully controlled lighting and HVAC, HDL is able to ensure that your hotel always makes a lasting first impression.

Corridor/Stairwell

Corridor and stairwells are essential to any hotel, and although only briefly occupied, can contribute significantly to a building' s overall energy expenditure. With HDL' s extensive range of on-demand lighting solutions, lighting fixtures can be turned off or dimmed when a hallway is unoccupied, and return to their normal operational state when approached by a guest or a member of staff.





Café / Restaurant

To create a pleasant dining environment for customers, with HDL solutions, ambient lighting and music can be set to fit the different scenes at any time according to customer' s requirements, seasons or occasions. For example, Romantic Mode with lower brightness and more colors set for Valentine' s Day.



Banquet Hall

Not only can HDL system create an elegant lighting effect in the banquet hall, it also integrates with other stage equipment to meet different needs like wedding banquet. The HDL system allows hotel staff to control the chandeliers, strip lights, down-lights, wall lamps as well as stage lights to create special visual effect quickly and easily.

Conference Room

Different intelligent modes can be created by programming the blinds, projector, screen, lights, air-conditioner and other devices in the meeting room to be used on various occasions. One-touch on the panel can run multiple devices. For instance, when the user selects the Meeting Mode, the system will turn on all lights, projector and sceen and sound system, close the blinds and activate the air-conditioner.





Spa

A spa would totally be a plus in a hotel, where a place gives guests relaxation physically and mentally. HDL can specially develop a SPA control system for the hotel. It mainly controls the ON/OFF of water, fountain and drain valve. At the same time, by installing an LED display beside the pool, it is convenient for guests to check the water temperature in real-time.

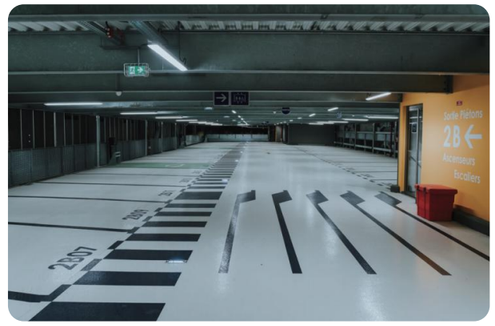


Gym

The lighting, temperature and music matter a lot in a gym. HDL hotel management system can automatically adjust the temperature according to sensors' detection as well as centrally control the lights and music. For example, keep the dynamic music on and dim the lights for some sports like spinning, while play some lively music and set the bright mode for the yoga area.

Garage

The lights for lanes are on while lights over parking spaces are off by default. If a car enters the parking garage, the system will turn on the lights over empty parking spaces to help the guest find the parking space with less time. Meanwhile, lighting management of the parking garage is improved, for the clerk in the garage are enabled to control all the lights on wall panels or mobile phones.





Landscape Lighting

A hotel with wonderful exterior lighting may surprises guests in the first impression. HDL system can automatically turn the façade lighting on according to the weather, season changes, etc. Different lighting effects can also be applied to the hotel' s garden, making it a beautiful place and stand out in the night. A wonderful landscape lighting can also grace the city by brightening the buildings at night.

HOTEL PRODUCTS

Built for the demands of modern hospitality, HDL's hotel product portfolio combines guestroom control, intuitive interaction and flexible system integration. Designed for reliable operation and adaptable configuration, these products support comfortable guest experiences and efficient hotel management.

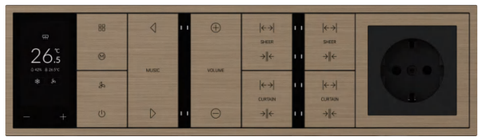
Xelent Series Panel

Designed for modern hotel guestrooms, the Xelent series combines refined aesthetics with intuitive control in a consistent panel design. Available in plastic and metal versions, it offers multiple button configurations and flexible installation options to meet different guestroom requirements while maintaining a unified visual experience.









Color: Brass Bronze Black Ivory White Charcoal Gray

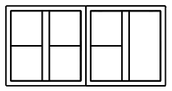
Lighting Shading AC

Ventilation Music Other

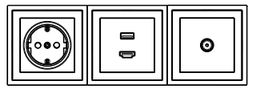
Features

- ±1°C accurate temperature control
- Adjustable ToF sensing range from 10 to 100 cm
- Soft-start backlighting provides gentler nighttime visual comfort
- Panel locking works with RCUs to reduce energy use
- Compatible with EU, Swiss and US wall boxes

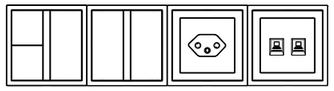
Horizontal



2-gang

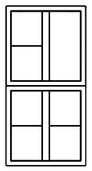


3-gang

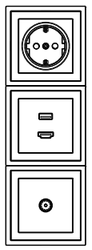


4-gang

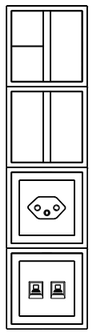
Vertical



2-gang



3-gang



4-gang

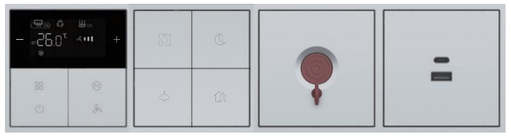
Tile Series Panel

Tile series provides a coordinated range of smart control panels for hotel guestrooms, including button panels, thermostat panels, multifunctional panels and matching sockets. Available in plastic and metal versions, it accommodates diverse control requirements while maintaining a clean and consistent wall appearance.









Color: Brass Bronze Black Ivory White Charcoal Gray


Lighting


Shading


AC


Ventilation

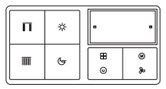

Music

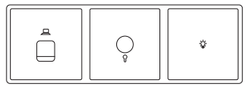

Other

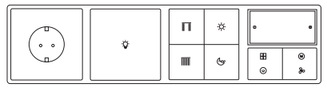
Features

- Precise temperature detection and control
- Maximum sensing distance up to 80cm
- Button-locking function
- Eye-friendly indicator light mode
- Customizable button icons and colors

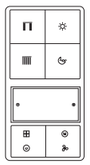
Horizontal


2-gang


3-gang

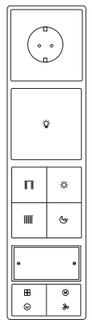

4-gang

Vertical


2-gang



3-gang


4-gang





Granite Display

Color: Space Gray

Granite Display is a high-end and multi-function control panel for home automation. With 4-inch LCD screen and full-screen touch control, it is convenient for the users to control lighting, curtain, scene, air conditioning, floor heating, music and fresh air in an intuitive way.

Features and Specifications

- Built-in temperature and humidity sensor, proximity sensor
- Support screen lock
- Adjustable LCD backlight brightness
- LCD screen wakes up automatically
- Support sleep mode
- Support online upgrade



iTouch

Color: Black White

A series of multi-functional touch control panels for home automation both in EU and US standard. The US standard has 2, 4 and 6 buttons while EU standard has only 2 and 4 buttons. iTouch is enclosed by a fine aluminum frame, and always used to control lighting , curtain , AC , scene , music , etc.

Features and Specifications

- Touch button with RGB backlight;
- Adjustable RGB indicator color and brightness;
- Customizable button icons;
- Support online upgrade.



DLP

Color: Black White

DLP is a series of smart control panels with physical buttons and mono-color LCD display for home automation both in EU and US standard. With 8 control buttons and 2 page buttons, the panel has 4 general pages for lighting, curtains, etc. and dedicated pages for AC, floor heating and background music.

Features and Specifications

- Built-in temperature sensor
- Icon for Key Buttons can be changed
- Support 147 languages
- Customizable icons or captions
- Support online upgrade



DLP Touch

Color: Black White

DLP Touch is designed to offer you a quick and simple touch-control experience. With the mono-color LCD in the middle, you can have the icons or text customized. It has 8 control buttons, 2 page buttons and 4 shortcut buttons, which is convenient for users to control lights, curtains, AC, floor heating, background music, etc.

Features and Specifications

- Built-in temperature sensor and proximity sensor
- Customizable icons and captions
- RGB button indicator and voice prompt are available
- Adjustable LCD backlight
- LCD screen wakes up automatically
- Support online upgrade



RF Intelligent Door Bell and Access Reader

HDL-MHBRF.1010

It is a door bell touch panel which is installed outside the room by the door. It can control the panel to indicate your requirements via the door bell panel, such as Laundry, DND and Clean Room.

Features and Specifications

- Show room numbers, indicate the information of Laundry, DND and Clean Room
- With 2 dry contacts
- Open the Door by RF card & history record function
- Support HDL Buspro online update



RF Intelligent Door Bell

HDL-MPTB01RF.48

It is a doorbell product with touch panel, which is the matching product of HDL control system. It is installed by the hotel room door and has the functions of doorbell and unlocking through swiping RF card.

Features and Specifications

- Optional backlight RGB colors
- Display requirement of cleaning room
- 1-99 targets can be controlled when user touch the door bell
- 1-49 targets can be controlled when user swipe the card
- The touch sensitivity can be adjusted
- Support upgrade from HDL Buspro



iElegance Series 3S Smart Door Bell

HDL-MPB03.48

iElegance Series 3S Smart Door Bell is the matching product of HDL Hotel Room Management System. Installed by the door of the hotel room, the panel can be controlled by button panel or other matching devices in order to show the user's requirements. It can indicate DND status, ask for room-cleaning and used as doorbell, etc.

Features and Specifications

- Door Bell function, if DND is ON, it will be OFF
- DND display: Do not Disturb
- Ask for room-cleaning service
- Backlight brightness is adjustable
- Communication: HDL Buspro



Intelligent Hotel Door Bell

HDL-MHB.1010

It is a door bell touch panel which is installed outside the room by the door. Through the control panel or other devices, it can display customer's requirements, for example, Please Wait, Clean Room, or DND, etc.

Features and Specifications

- Room number display. Information display (Please Wait, Need Cleaning, DND, etc.) in different colors
- Support HDL Buspro online update



RF Card Reader & Master Control

HDL-MHIC.48

It is designed to control the master card energy gaining and hotel guest room facility using. It has built-in MIFARE RF card reader and can recognize different types of card, including guest card, waiter card, cleaner card, mender card and administrator card.

Features and Specifications

- Support master card energy gaining & power management
- Support ID recognition, scene control in accordance with various types of card
- Supported card types: Guest card, waiter card, cleaner card, mender card and administrator card
- Support HDL Buspro online update



RF Card Reader & Master Control US/EU

HDL-MPTC03.46/48

It is for energy control and room information of hotel guest room. It has built-in MIFARE RF card reader. Guest card, service card, cleaner card, etc. can be recognized by this panel, and it includes 3 touch buttons also. Customer can select US or EU standard panel according to their requirements.



Features and Specifications

- Master card for energy & power management;
- 3 touch buttons, sensitivity can be adjusted;
- Button color RGB can be adjusted;
- The touch button can be used as the panel button, or work with HDL touch door bell panel, can be displayed DND, Clean, Wait.
- Support HDL Buspro online update.



Hotel Curtain Motor

MWCM100DE-HT.11

Designed to drive curtain track, such as opening or closing the curtain.

Features and Specifications

- Open / close / stop / open or close at specific percentage
- Manually start during power outage
- Auto pause while detecting obstruction
- Automatic setting travel memory
- Compatible with two-channel or multi-channel remote controllers, adopting 433 remote control



Buspro Blinds Motor 220V AC

MVSM35B.20

It is applicable with blinds, Roman blind, venetian blind, etc.

Features and Specifications

- High-accuracy position limit
- Internal structure is sealed and lubricated for low noise and vibration
- Overheat and overload protection
- Flame-retardant material for low fire risk
- Built-in wireless receiver supports optional remote control



Φ25 DC MWB125D-BP.10



Φ35 DC MWB135D-BP.10



Φ35 AC MWB135A-BP.10

B1 Series Smart Tubular Motor

It is designed for indoor sunshade products such as roller blinds, Venetian blinds, Shangri-La blinds, zebra blinds, Roman blinds and honeycomb blinds. It supports opening and closing, percentage adjustment and blind angle adjustment.

Features and Specifications

- High-accuracy position limits ensure precise blind control
- Sealed, lubricated structure enables quiet, low-vibration operation
- Built-in wireless receiver supports optional remote control
- Overheat, overload and flame-retardant protection enhance safety

*Note: MWB125D-BP.10 is not compatible with Venetian, Roman, or honeycomb blinds.



RCU Lite

MHMIRCU-HT.13

It is an RCU module with thirteen integrated channels, including seven TV8 relays, three light strip control channels, one 25A relay, two MOSFET dimmer channels and one doorbell output. It is widely used in hotel smart home systems for controlling and managing doorbell panels, curtains, lamps, fans, air conditioners, floor heaters and other devices.

Features and Specifications

- Integrates with third-party device
- Power on with/without a keycard
- Supports up to eight groups of air conditioners, eight groups of curtain motors, four fans, three channels of heated floors
- Sixteen channels of dry contact, supporting multiple modes and input/output settings
- Customizable doorbell
- Supports fifty scenes



51CH Hotel Room Control Host 2.0

MH48IP-II-HT.231

It has 51 dry contacts, 2 RS485 expansion interfaces, 1 Buspro bus interface and 1 UDP network communication interface. The device can control doorbell panels, curtains, lights, fans, air conditioners, floor heating and other devices.

Features and Specifications

- Integrates with third-party device
- Two modes are available: card-free power-taking and card-inserting power-taking
- Supports up to 8 air conditioners, 8 curtain motors, 4 fans, and 3 floor heating devices
- Personalized doorbell control methods are available
- Supports 50 scenes, each scene can be configured with 32 targets
- 48 general logics and 8 normally used fixed logics
- Supports system time setting
- Saves the last history record



RCU Room Control Unit

HDL-MHRCU.433

Up to 48 channels and 99 scenes. It supports hotel host control, mix module control, 24-channel dry contacts, doorbell status display and LED output.

Features and Specifications

- Light protection delay and mass turn-on delay for each channel
- Activate corresponding scene according to card master after identification
- Monitors and controls air conditioners, curtains, lightings, room status, etc.
- Bidirectional data exchange between HDL Buspro and Ethernet
- The RCU Room Control Unit has a RJ45 port
- Working current：300mA/24V DC



RCU Room Control Unit 2.0

HDL-MHRCU-II.433

It is the core of a hotel system, supporting hotel host control, mix module control, 48-channel dry contacts and doorbell function. There are totally 23 Channel output: Relay CH1-10 are 5A, Relay 11-12 are16A, Relay 13-20 are 3A and Dimming CH21-23 are 1A.

Features and Specifications

- HDL Buspro, RJ45, INNER RJ45, UDP/IP Network Interface
- With 2 RS485 interfaces to support expansion
- 1CH Door Bell relay and built-in 2CH IR control
- Supports 50 scenes, each scene can be configured with 32 targets
- 48 general logics and 8 normally used fixed logics
- Working current：260mA/24V DC



Hotel Room Control Host

HDL-MHC48IP.431

Up to 48 channels and 99 scenes, it can be used in conjunction with the mix control module, other relay and dimming modules without scene controller, etc.

Features and Specifications

- Light protection delay and mass turn-on delay for each channel
- Activate corresponding scene according to card master after identification
- Monitor and control air conditioners, curtains, lightings, room status, etc.
- Support connecting to devices in RS485 communication
- The RCU Room Control Unit has a RJ45 port
- Working current：30mA/24V DC



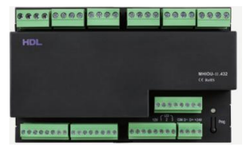
10CH Hotel Room Mix Control Module

HDL-MHMIX10.231

It supports 6CH 5A relay control output, 2CH 10A relay control output and MOSFET dimming output.

Features and Specifications

- 8 relay channels and 2 MOSFET dimming channels
- Support short circuit protection and overheat protection
- Support hardware identificationand and adopt dial code control
- Inner Bus communication is adopted
- Working voltage：15~30V DC
- Working current：100mA/24V DC



IOU Mix Control Actuator

HDL-MHIOU-II.432

It supports functions of MOSFET dimming, relay, curtain control, dry contact, doorbell control and LED output.

Features and Specifications

- Channel 1 and 2 are trailing edge dimming outputs, up to totally 1.6A current output
- Channel 3 to 12 are relay outputs, each channel is 5A
- Channel 9 and 10, 11 and 12 can be used for curtain control
- 14-channel dry contact input
- Working voltage: 15~30V DC
- Working current: 185mA/24V DC



22CH Hotel Room Mix Control Module

HDL-MHMIX22.232

It supports 16CH 5A relay control output, 4CH 10A relay control output and MOSFET dimming output.

Features and Specifications

- 20 relay channels and 2 MOSFET dimming channels
- Support short circuit protection and overheat protection
- Inner Bus communication is adopted
- Support hardware identificationand and adopt dial code control
- Working voltage：15~30V DC
- Working current：180mA/24V DC



Buspro-DALI Controller

MDL64-BP. 53

Based on HDL Buspro and DALI protocol, it has single-loop control, area/group control, scene control, sequence control, and can realize intelligent control through APP.

Features and Specifications

- Supports 64 DALI drives with different functions
- Multiplexing of pre-set parameters in the driver
- Supports dimming, color temperature and color control
- Supports 16 zones/groups of settings, which can be controlled separately
- 16 scenes can be set in each independent area, reaching a maximum of 256 scenes
- Sequence can be set to select different areas of the scene
- Support status feedback
- Support bus short circuit protection
- Support OTA upgrade



2CH 6A Leading Edge Dimming Actuator

HDL-MD0206.432

It supports AC220V and AC110V power input. It has 2 output channels and each channel has a bypass button for manual control. Fuse protection is available to each channel, 10A fuse of each channel for protection (aR type).

Features and Specifications

- Up to 2 separate zones; up to 12 scenes for each zone
- Up to 6 sequences and each sequence has 12 steps
- 4 dimming curves with 512 dimming accuracy
- Dimming mode：TRIAC, minimum load 40W
- Working voltage：15~30V DC
- Working current：28mA/24V DC



4CH 3A Leading Edge Dimming Actuator

HDL-MD0403.432

It supports AC220V and AC110V power input. It has 4 output channels and each channel has a bypass button for manual control. Fuse protection is available for each channel, 8A fuse of each channel for protection (aR type).

Features and Specifications

- Up to 4 separate zones; up to 12 scenes for each zone
- Up to 6 sequences and each sequence has 12 steps
- 4 dimming curves with 512 dimming accuracy
- Dimming mode：TRIAC, minimum load 40W
- Working voltage：15~30V DC
- Working current：28mA/24V DC



6CH 2A Leading Edge Dimming Actuator

HDL-MD0602.432

It supports AC220V and AC110V power input. It has 6 output channels and each channel has a bypass button for manual control. Fuse protection is available for each channel, 4A fuse of each channel for protection (aR type).

Features and Specifications

- Up to 6 separate zones; up to 12 scenes for each zone
- Up to 6 sequences and each sequence has 12 steps
- 4 dimming curves with 512 dimming accuracy
- Dimming mode：TRIAC, minimum load 40W
- Working voltage：15~30V DC
- Working current：28mA/24V DC



4CH Universal Dimming Actuator

HDL-MHD04A.231

Enable the switch control between four channels of 0-10V dimming output and four channels of MOSFET dimming output.

Features and Specifications

- Isolated 0-10V output
- Support short circuit protection and overheat protection
- Inner Bus communication is adopted
- Support hardware identificationand and adopts dial code control
- Working voltage：15~30V DC
- Working current：55mA/24V DC



6CH 5A PWM Dimming Actuator

MDP0605-HT.13

Designed to work with room control units, the 6CH 5A PWM Dimming Actuator provides dimming control for constant-voltage LED lighting. It features six output channels, each equipped with a bypass button for manual control.

Features and Specifications

- Low, high, max threshold for each channel, applicable for different load
- Bypass button for manual control is available for each channel
- Short channel and over current protection are available
- Maximum current in each channel: 5A
- PWM constant voltage output



Air Conditioning Control Module

HDL-MAC01.431

Designed to control centralized HVAC systems in conjunction with air conditioner panel. Master-slave mode supported, one master module can control 8 slave modules.

Features and Specifications

- Smart control of fan speed and modes
- Up to 4 digital temperature sensors DS18B20 supported
- 0-10V DC output for fan speed control
- Working voltage：15~30V DC
- Working current：95mA / 24V DC
- Maximum current of each channel：5A
- Electronic life time of relay：>60000



Digital AC Gateway Stand-alone

HDL-MAC.S-B27

It can be independently connected to air conditioning or coexist with the original panel, when coexisting with the original panel master-slave adaptation does not require manual setting. It can also support to connect the third-party panel to replace original panel.

Features and Specifications

- Supports the indoor unit of multiple brands of VRV/VRF or duct air conditioning systems, such as Daikin, Hitachi, Gree, Mitsubishi Heavy Industries, Midea, Hisense, Toshiba, York, Haier, etc
- Support wired centralized control
- Equipped with Bluetooth upgrade function
- Support remote fault diagnosis function



Logic Automation Module

HDL-MCLog.431

Used for controlling a series of targets. The logic conditions enable date and timing information input, universal switch status, and external inputs.

Features and Specifications

- Up to 12 logic groups can be set, each logic group Have 20 logic blocks
- Each logic block has 4 input Pins and 20 output control targets
- Built-in real-time clock
- Working voltage：15~30V DC
- Working current：15mA/24V DC



4CH 10A High Power Switch Actuator

HDL-MR0410.431

The actuator has 4 channels (10A for each channel) and 16A magnetic latching relay.

Features and Specifications

- Up to 4 separate zones
- 8 scenes for each zone, scene running time up to 60 minutes
- 2 sequences for each zone, up to 4 steps for each sequence
- Light protection delay, 0-25s of bulk power-on time and manual switch for each channel
- Working voltage：15~30V DC
- Working current：40mA/24V DC
- Input voltage：20V/240V AC (50/60Hz)



8CH High Power Switch Actuator

HDL-MHR8.231

It supports control output of relay switch. Totally 8 relay channels: 2CH 10A and 6CH 5A, supports lights, FCU and curtain control.

Features and Specifications

- The relay channel can control the switch of connected channels
- Inner Bus communication is adopted
- ID address of the actuator can be configured via dial code control
- Working voltage：15~30V DC
- Working current：100mA/24V DC



8CH 10A High Power Switch Actuator

HDL-MR0810.432

The actuator has 8 channels (10A for each channel) and 16A magnetic latching relay.

Features and Specifications

- Up to 8 separate zones
- 16 scenes for each zone, scene running time up to 60 minutes
- 2 sequences for each zone, up to 8 steps for each sequence
- Light protection delay, 0-25s of bulk power-on time and manual switch for each channel
- Working voltage：15~30V DC
- Working current：40mA/24V DC
- Input voltage：20V/240V AC (50/60Hz)



12CH 10A High Power Switch Actuator

HDL-MR1210.433

The actuator has 12 channels (10A for each channel) and 16A magnetic latching relay.

Features and Specifications

- Up to 12 separate zones
- 24 scenes for each zone, scene running time up to 60 minutes
- 2 sequences for each zone, up to 12 steps for each sequence
- Light protection delay, 0-25s of bulk power-on time and manual switch for each channel
- Working voltage：15~30V DC
- Working current：40mA/24V DC
- Input voltage：20V/240V AC (50/60Hz)



4CH 16A High Power Switch Actuator (with Dry Contact)

HDL-MR0416D.431

The actuator has 4 channels (16A for each channel) and 50A magnetic latching relay and has manual control switches.

Features and Specifications

- 3 dry contact channels
- Up to 4 separate zones
- Up to13 scenes for each zone, and 12 of which are available for editing
- 2 sequences for each zone, up to 12 steps for each sequence
- Light protection delay, mass turn-on delay and manual switch for each channel
- Electronic life time of relay： >60000 (Resistance load)
- Working voltage：24~30V DC
- Working current：40mA/24V DC



8CH 16A High Power Switch Actuator (with Dry Contact)

HDL-MR0816D.432

The actuator has 8 channels(16A for each channel) and 50A magnetic latching relay and has manual control switches.

Features and Specifications

- 4 dry contact channels
- Up to 8 separate zones
- Up to13 scenes for each zone, and 12 of which are available for editing
- 2 sequences for each zone, up to 12 steps for each sequence
- Light protection delay, mass turn-on delay and manual switch for each channel
- Electronic life time of relay： >60000 (Resistance load)
- Working voltage：24~30V DC
- Working current：40mA/24V DC



12CH 16A High Power Switch Actuator (with Dry Contact)

HDL-MR1216D.433

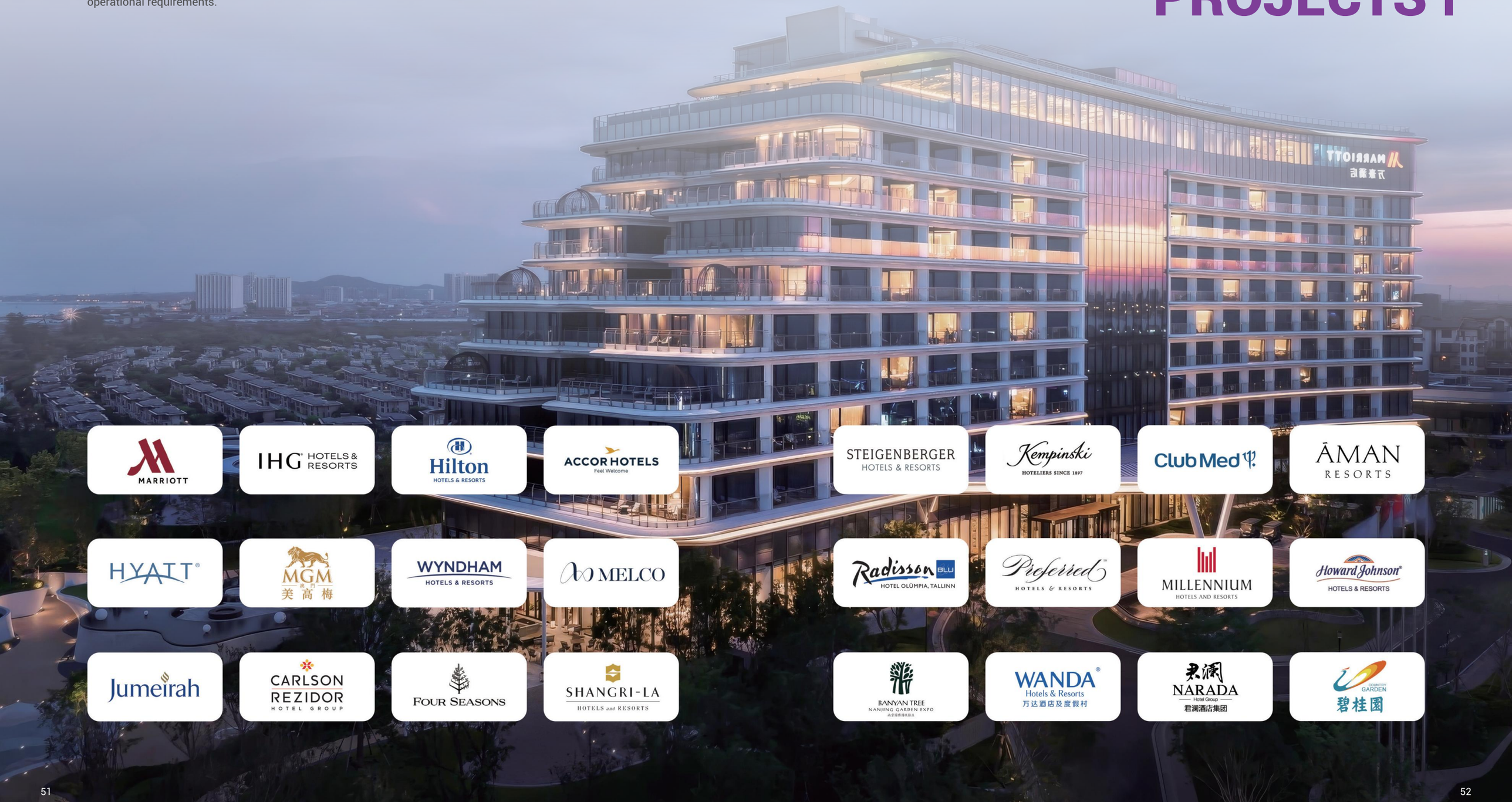
The actuator has 12 channels (16A for each channel) and 50A magnetic latching relay and has manual control switches.

Features and Specifications

- 4 dry contact channels
- Up to 12 separate zones
- Up to13 scenes for each zone, and 12 of which are available for editing
- 2 sequences for each zone, up to 12 steps for each sequence
- Light protection delay, mass turn-on delay and manual switch for each channel
- Electronic life time of relay： >60000 (Resistance load)
- Working voltage：24~30V DC
- Working current：40mA/24V DC

HOTEL PROJECTS

From luxury resorts to international business hotels, HDL smart hotel solutions have been applied across diverse projects worldwide. The following projects demonstrate how flexible control, seamless integration and reliable performance respond to different guest experience and operational requirements.





InterContinental London - The O2





Background

Located on London's Greenwich Peninsula, InterContinental London - The O2 has been hailed as "the most influential new hotel in London in recent decades" and it is a landmark in the city. The hotel has 453 guest rooms, 5 restaurants, 19 meeting rooms, an event organizer's office, 1,600 square meters of function rooms, a large ballroom that can accommodate up to 2,400 people, and other amenities.

Pain point

Through intelligent upgrading, guests can enjoy five-star services while also feeling the convenience brought by intelligence, bringing them the ultimate experience.

Solution

HDL configured KNX Control System and HDL Smart Panels for 453 guest rooms. Based on the KNX Control System, the multi-functional panel entitle buttons with multiple modes of control and then maximize the functions of the buttons. For example, the buttons can realize single-click, long-press, and double-click in order to control the lighting, curtains, access control, and HVAC. When the guest enters the room, the system will automatically preset welcome mode; when leaving, the system will automatically turn off the room equipment and save the current state; when coming back, everything will return to the previous mode, so that the guest does not have to waste time to set up the equipment.

Effect

HDL is the perfect partner for international hotel chains. After using HDL Smart Hotel Solution, InterContinental London - The O2 has greatly enhanced management efficiency and service, and improved the guest's accommodation experience, thus attracting more guests to stay.

Britain

IHG HOTELS & RESORTS

IHG HOTELS & RESORTS

InterContinental Hotels Group PLC (IHG)

InterContinental Citystars Cairo

Crowne Plaza Christchurch

City of Dreams Manila

InterContinental Shanghai Hongqiao NECC

Holiday Inn Guangzhou South Lake

Crowne Plaza Hangzhou Science City

Caesar Intercontinental Hotel

InterContinental Sancha Lake

EVEN Hotel Chengdu Jinniu

Hotel Indigo Jiuzhai

Crowne Plaza Yibin

Crowne Plaza Beihai Silver Beach

Holiday Inn Tianjin Riverside Hotel

Crowne Plaza Zunhua Hot Spring Town

Voco Xi'an ETDZ

Crowne Plaza Resort Xishuangbanna Parkview

Hotel Indigo Dali Erhai

Holiday Inn Xining Hot-Spring Hotel

Crowne Plaza Beihai Silver Beach

InterContinental Quanzhou Taihe

Holiday Inn & Suites Sanya Yalong Bay

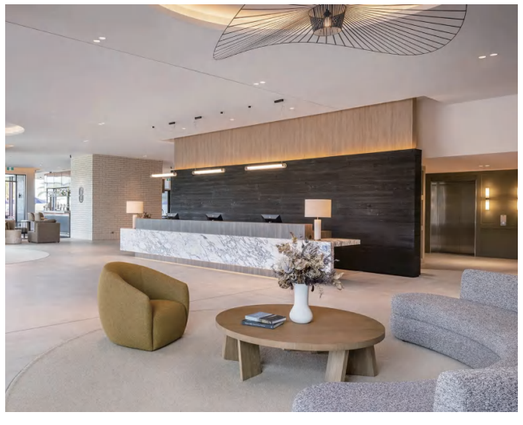


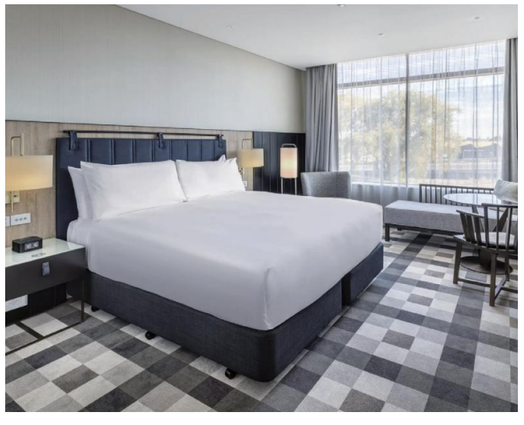






DoubleTree by Hilton Karaka







Background

DoubleTree by Hilton Karaka is the fourth Hilton Group hotel in New Zealand. The hotel is located in a picturesque resort - Karaka. It has 122 well-appointed guest rooms and suites and state-of-the-art amenities, as well as a speciality restaurants, a lobby bar, a heated outdoor swimming pool and a world-class fitness facility.

Pain point

The hotel needs to ensure that all guests can easily use their facilities, so that guests can experience the best service of a four-star hotel.

Solution

HDL configured the HDL KNX Control System for the DoubleTree by Hilton Karaka, and adopted a professional Smart Hotel Solution. The projects involved: external lighting control, automatic lighting control through presence sensor detection and time logic, usage monitoring, HVAC control, BMS integration, projector screens control and so on.

Meanwhile, the public area are automated with HDL lighting system, covering the corridors, staircases as well as conference hall. Conference meeting rooms have dividing walls and depending on the configuration of the rooms the lights can be controlled from the single point. With sensors and logic modules, all lights can be automatically adjusted in brightness according to external lighting conditions. The brightness and color temperature of the lights can also be adjusted individually through the DLP Smart Panel.

Effect

The HDL Smart Lighting System at the DoubleTree by Hilton Karaka creates a great atmosphere for guests to stay in. At the same time, the system also saves the hotel's energy consumption, saving labor costs.

New Zealand

Hilton
HOTELS & RESORTS

Hilton

HOTELS & RESORTS

Hilton Worldwide Holdings Inc.

Hilton Moscow Leningradskaya

Hilton Garden Inn Jakarta Taman Palem

DoubleTree by Hilton Antalya City Centre

DoubleTree by Hilton Yuksekova

Conrad Sanya Haitang Bay

DoubleTree Resort by Hilton Hotel Sanya Haitang Bay

Hilton Dali Resort & SPA

Hilton Garden Inn Lijiang

Hilton Lijiang China

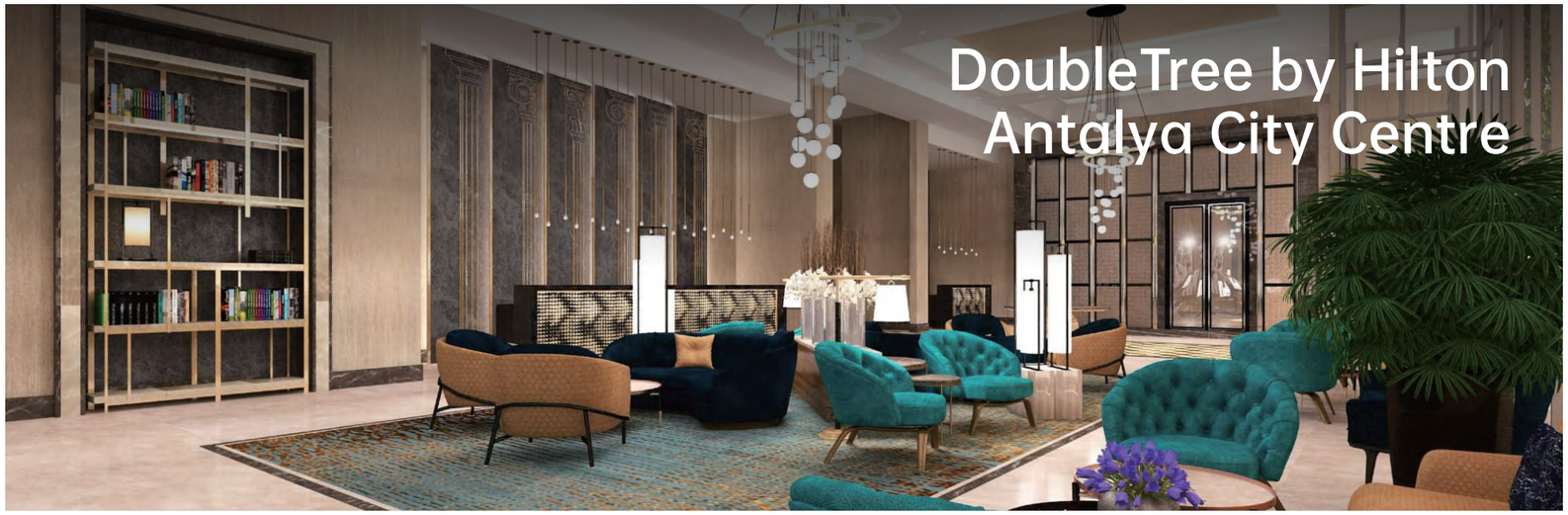
Hilton Garden Inn Anshan Hotel

DoubleTree by Hilton Anshan

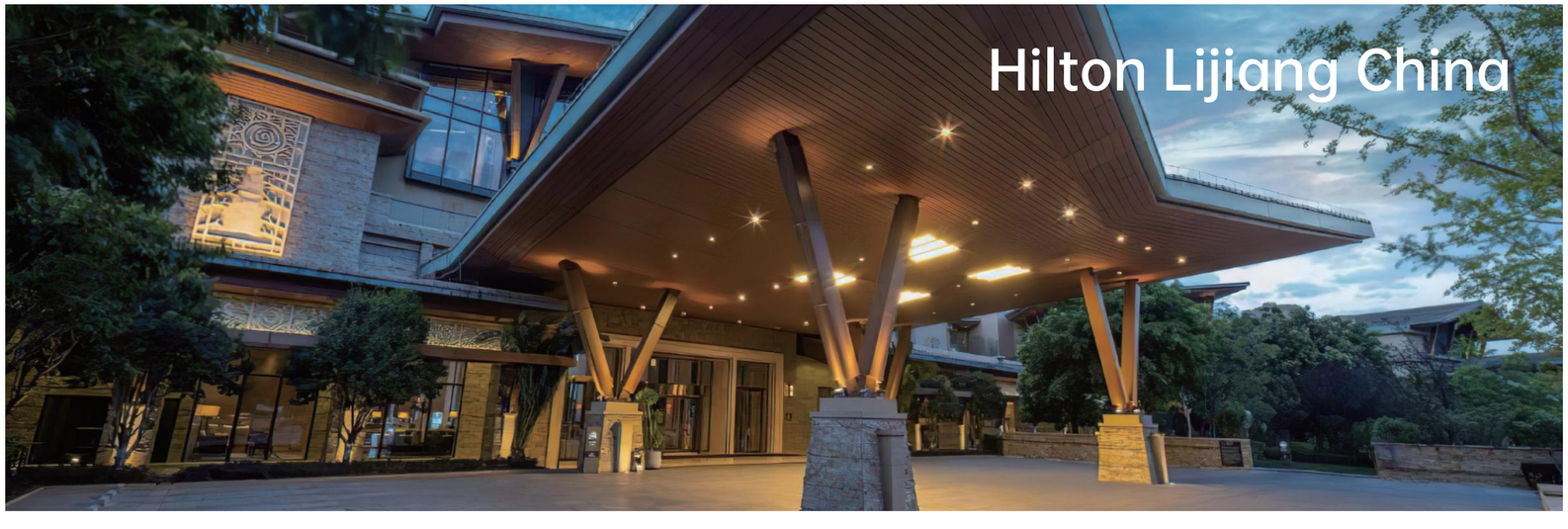
Hilton Garden Inn - Shangri-La Hotel

Hilton Garden Inn Foshan

Hollick Hotel Wen'an, Tapestry Collection By Hilton

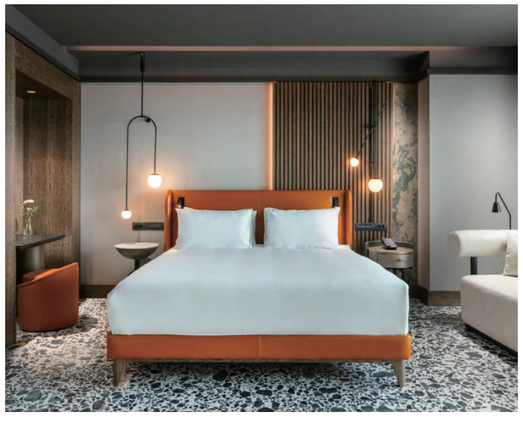








Mövenpick Istanbul Marmara Sea







Background

Mövenpick Istanbul Marmara Sea, a part of the Accor Group, has recently opened its doors in Zeytinburnu, offering breathtaking views of the Marmara Sea. Designed to provide an exceptional guest experience, the hotel features 230 guestrooms with stylish interiors and modern amenities. Its strategic location ensures easy access to Istanbul's historical peninsula and key urban centers, making it a prime destination for both business and leisure travelers.

Pain point

Managing large-scale hotel operations while ensuring top-tier comfort and energy efficiency is a complex challenge. The need for a centralized and intelligent control system was crucial for optimizing hotel operations and delivering superior hospitality services.

Solution

HDL Türkiye team provided a comprehensive automation solution, ensuring that all lighting, curtain, and AC systems in the hotel are seamlessly integrated. All rooms and common areas are equipped with lighting control, curtain control, and climate control through the HDL Buspro system.

HDL Guest Room Management System works together with the Vingcard door lock to create synchronized check-in and check-out scenes, optimizing room comfort and energy efficiency. Also, we integrated with NETx Automation for real-time management of all the devices. And Guests can control room devices via a mobile app ensuring convenience and personalization.

Effect

The implementation of HDL smart control systems has transformed the hotel's operational efficiency and guest experience. The seamless integration of automation with PMS minimizes unnecessary energy consumption, reducing operational costs. With HDL solutions, Mövenpick Istanbul Marmara Sea ensures a luxurious yet energy-efficient stay for its guests.

Türkiye

ACCOR HOTELS
Feel Welcome

ACCOR HOTELS
Feel Welcome

Accor S.A.

Sofitel Casablanca Tour Blanche

Pullman Auckland Hotel & Apartments

Pullman Kuala Lumpur City Centre Hotel and Residences Hotel

The Emporium Plovdiv - MGallery

Pullman Lombok Merujani Mandalika Beach Resort

Ocean Spring Resort Chengdu, MGallery by Sofitel

Hotel Sofitel Guangzhou Sunrich

Novotel Guangzhou Baiyun Airport

Sofitel Legend Peoples Grand Hotel Xian

Sofitel Xian

Pullman Yuxi

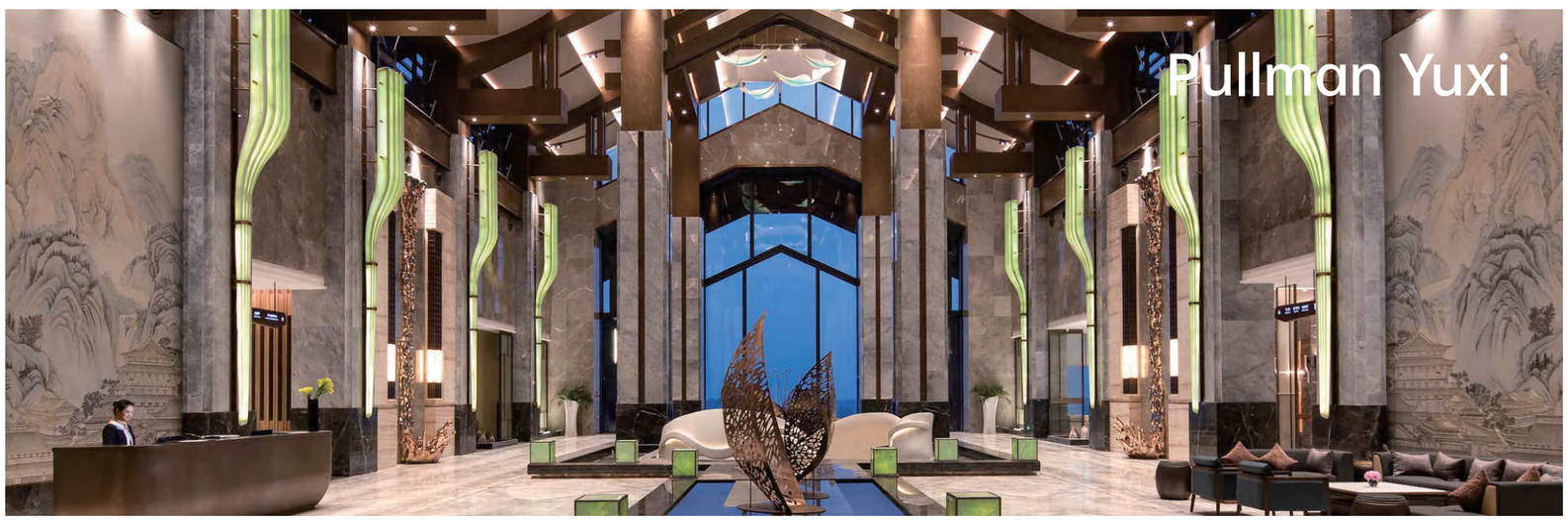
Pullman Huai'an

Pullman Weifang

Pullman Fuzhou Tahoe

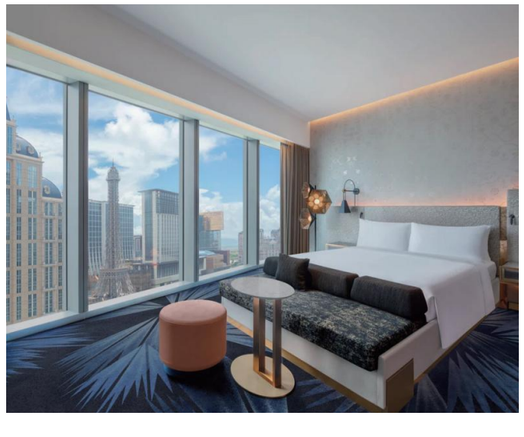


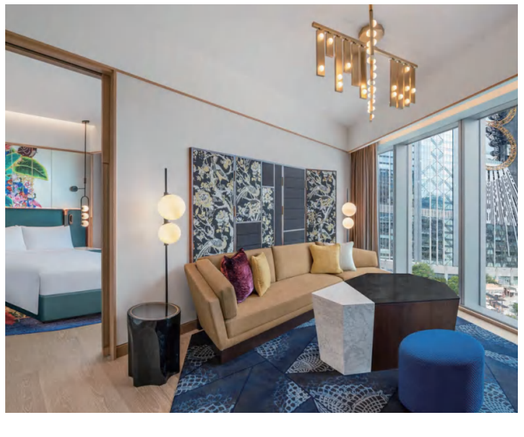






W Macau - Studio City







Background

W Macau - Studio City is part of an integrated resort of Studio City and situated on Cotai Strip, the complex includes a variety of leisure elements such as an outdoor and a newly built indoor waterpark, cinema, theatre and more. W Macau - Studio City features 557 stylish guest rooms, each offering charming city views or the bustling Cotai view. In addition, it provides various amenities such as a spa, fitness centre, indoor swimming pool, and meeting and event spaces equipped with state-of-the-art audio-visual technology. The hotel is also launching its signature recording studio, the W Sound Suite.

Pain point

The project needs to ensure the network security, system stability and data backup. At the same time, it requires the functions can interface with the hotel's Opera PMS system. What's more, in order to match the luxury positioning of the hotel, the hotel also put forward the demand for high-end personalized customization.

Solution

HDL has configured 557 guest rooms, a public area and a water park at the W Hotel with HDL Smart Hotel Solutions. All equipment in the guest rooms can be controlled through the HDL Tile Series Panel, lighting can be controlled through different zones. It can also be linked through the scene mode to reach the ideal state. In addition, the user interface of the panel has been customized to provide easier control and integrate with the unique design style of the guest room. Adopting the HDL cardless power activation system, once the sensor in the guestroom no longer detects any activity, the light turns off automatically after 3 minutes and activate the energy-saving mode. This convenient and energy-saving feature ensures that the guest room remains well-lit, while also conserving energy when not in use. In addition, the customized IP protocol system provides a safe and stable data transmission service.

Effect

W Macau - Studio City officially opens on September 8, 2023, together with HDL, will further enhance the guests' intelligent hotel experience, allowing them to experience Macau's fascinating cultural history from a new perspective.

China

MARRIOTT

MARRIOTT

Marriott International

The Westin Kuala Lumpur, Malaysia

Aloft Kuala Lumpur Sentral, Malaysia

The Westin Jeddah Hotel, Saudi Arabia

Renaissance Bali Nusa Dua Resort, Indonesia

JW Marriott Hotel Beijing

Sheraton Haikou Resort, Haikou

The Westin Sanya Haitang Bay Resort, Sanya, Hainan

Sheraton Xian North City Hotel, Xi'an

Sheraton Wenzhou Hotel, Wenzhou

Sheraton Dongguan Hotel, Dongguan

Shenzhen Tongtai Courtyard Marriott, Shenzhen

Yalong Bay Wanyi Resort Hotel, Sanya

The Westin Sanya Haitang Bay Resort, Sanya

Renaissance Huizhou Hotel, Huizhou

Lijiang the Residences Villa, Lijiang

Sheraton Fuqing Hotel, Fuqing

Nanning Marriott Hotel, Nanning

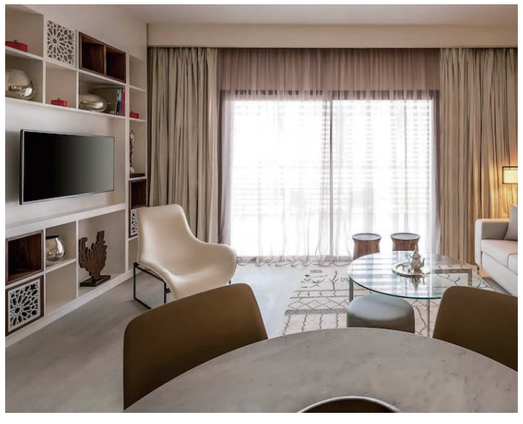








Hyatt Place Taghazout Bay







Background

Hyatt Regency Tahazout Bay is a luxury hotel owned by Hyatt Hotels Corporation. It is located on the western coast of Morocco, which is known for its world-famous clear blue sea and year-round pleasant climate. The hotel is surrounded by magnificent oceans and mountains, attracting travellers from all over the world to visit it.

Pain point

The hotel rooms and public areas need to be intelligently controlled. And as a beachfront hotel, the guest rooms need to create a relatively quiet environment to ensure guests get a good rest.

Solution

HDL equipped 60 guest rooms and public areas of the hotel with HDL Smart Control System. In the guest rooms, the hotel mainly uses Guest Room Control Modules (RCU). And through the Enviro Smart Panel, guests can control the lighting, curtains, HVAC and other equipment in the guest rooms. In addition, a variety of pre-set scene modes allow guests to control a variety of devices to achieve the ideal state with one click, so as to have a quiet and comfortable accommodation experience.

In the public area, the hotel is equipped with HDL Smart Lighting Control, which adopts back-edge dimming technology and supports 512 levels of brightness adjustment. It not only realizes light on or off, but also realizes the adjustment of color, color temperature, and brightness to meet the lighting needs of different scenes.

Effect

Hyatt Regency Tahazout Bay is a seaside hotel, which has gradually become a popular tourist destination with the support of HDL Smart Control System. With HDL Smart Control System, every guest can experience the magic of smart technology and the comfort of being at home.

Morocco

HYATT®

Hyatt Hotels Corporation

Hyatt Regency Delhi

Andaz Prague

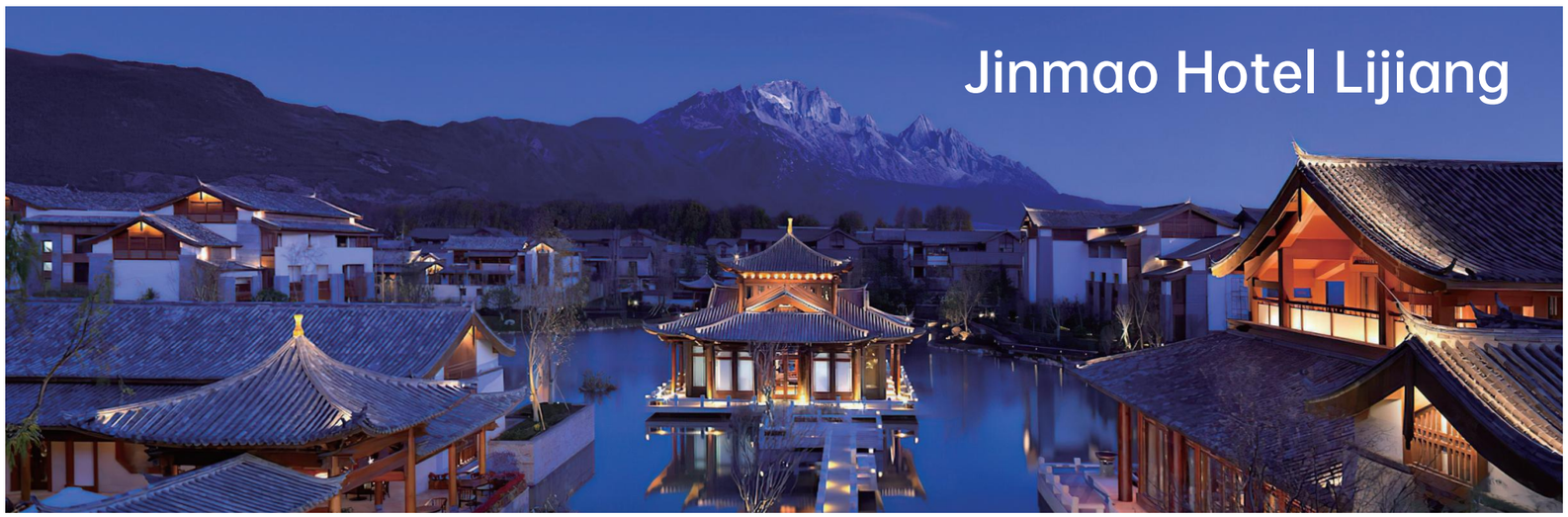
Park Hyatt Sydney

Grand Hyatt Changsha

Jinmao Hotel Lijiang















Background

Wyndham Grand Yangon Hotel is the first international five-star hotel located in the heart of Kantaya, Yangon, Myanmar. Designed by renowned architectural and interior design firm HASSELL, 291 guest rooms and suites are a blend of contemporary elegance and fashion, featuring floor-to-ceiling windows, wooden floors, state-of-the-art technology, and spacious bathrooms with free-standing bathtubs and showers to add style to provide guests with a better service.

Pain point

The hotel wanted to achieve unified and efficient management of lighting in guest rooms, lobby, banquet hall, lounge and other public areas. In addition, the control of lighting atmosphere in the lounge and banquet hall is also important.

Solution

HDL Buspro System was installed in all 260 luxury guest rooms and public areas of the hotel. In the lobby area, HDL equipped the hotel with an intelligent dimming module that enables the hotel to maintain the softest lighting atmosphere at all times. At the same time, the staff can easily switch between various lighting modes through the wall-mounted panels, phones, tablets or PC, which improves the efficiency of management and brings a comfortable experience to the guests.

In lounges and banquet halls, HDL realizes different lighting effect through Smart Control System, creating different dining atmospheres for guests.
In the guest rooms, HDL Smart Control System sets up various scene modes. When a guest enters a room, the system will open the Welcome mode and turn on the lights and air conditioning automatically; when the guest watches a movie in the room, the system will dim the lights in the room or turn off some of the lights, to create the most comfortable mode of watching a movie.

Effect

HDL empowered Wyndham Grand Yangon Hotel with the digital management and helped the hotel to become a new landmark in Myanmar. HDL Buspro System was also recognized by the hotel for its advanced technology and stability.

Myanmar

WYNDHAM
HOTELS & RESORTS

Wyndham Hotels & Resorts

Ramada Hotel & Suites by Wyndham Ajman

Ramada by Wyndham Dubai

Ramada Plaza Shunde

Huizhou Shuangyuewan Wyndham Plaza

Ramada by Wyndham Huizhou Xunliao Bay

Wingate By Wyndham Sanya

Wyndham Sanya Bay

Days Hotel & Suites by Wyndham Zixin Changsha

Days Hotel & Suites City Center

Dahan Jinqiao Ramada Plaza Hotel

Ramada by Wyndham Hengyang Zhengxiang

Ramada Plaza by Wyndham Xiangtan Wanlou

Huayin Ramada Plaza Hotel

Ramada By Wyndham Mengzi Suites

Ramada Plaza by Wyndham Taian

Shuozhou Days Inn

Days Hotel Guizhou Fengye

Wyndham Grand Plaza Royale Hi-Tech Weinan

Howard Johnson Jinlin Plaza Lijiang

Howard Johnson Yilin Hotel

Wyndham Grand Plaza Royale Palace Chengdu

Zhongtai Howard Johnson Hotel

Wyndham Grand Tongren Downtown Hotel

Ramada Plaza by Wyndham Anshun

Howard Johnson by Wyndham Wenting Hotel Changsha

Baiyuan Howard Johnson Hotel

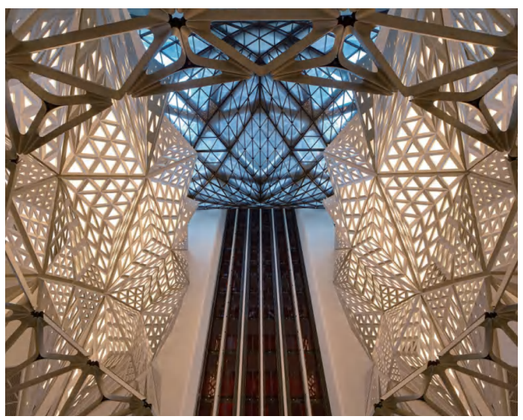


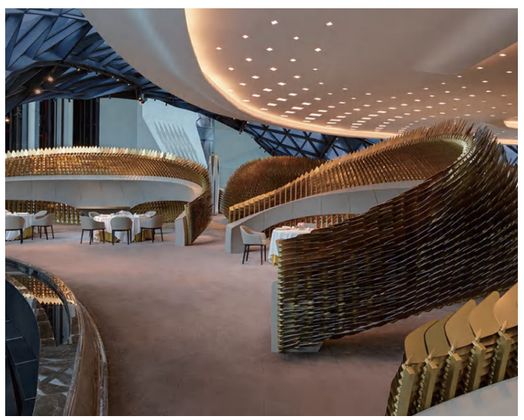


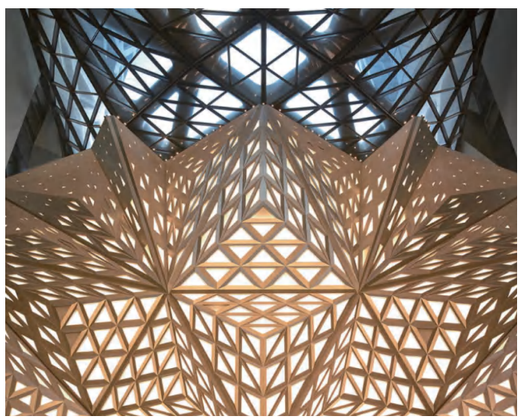




City of Dreams - Morpheus







Background

City of Dreams - Morpheus is a Macau landmark. It is the masterpiece of the legendary architect Zaha Hadid, and the interior design of the hotel was designed by the world-renowned designer Peter Remedios. The hotel offers 770 guest rooms, suites and villas, as well as a range of dining and recreational facilities, including an infinity pool.

Pain point

Meeting the light needs of many areas to bring guests a full range of intelligent experience. The product design needs to meet the three requirements: fashion, high quality and top brand to match the hotel's aesthetics and luxury positioning.

Solution

HDL configured HDL Buspro Control System and products for 770 guest rooms, 9 presidential suites, two Michelin restaurants, one Portuguese restaurant, two floors of SPA rooms and other public areas of Morpheus Hotel. HDL engineers realized intelligent control of guest room lights, curtains, air conditioning and TVs through RCU and IOU modules, and set up multiple scene modes.

The user interface of the HDL Enviro Touch Panel in the guest room is designed by Zaha Hadid's team. It can present different interactive effects in different scenarios, and is highly compatible with the style of the guest rooms.
HDL also set up a variety of lighting modes for the lobby to ensure that the lobby always maintains a soft and elegant lighting atmosphere.

Effect

Morpheus Hotel has gradually become a popular tourist spot and a new landmark in Macau, in which intelligence contributes a lot. HDL started from the super-star business positioning of Morpheus Hotel, and based on the stability and durability of the hotel, through the exquisite and ingenious design of the human-centered control, each guest can experience the beauty of the integration of science and technology with their lives, which greatly enhances the reputation and occupancy rate of the hotel.

China









Background

AQUA THE DAHABEYA offers guests a luxury cruise hotel experience, navigating the Nile between Luxor and Aswan. Nestled on the East Bank near the famous Karnak and Luxor Temples, this 5-star floating hotel features six luxury rooms, two suites, two offices, an outdoor pool, a gym, a restaurant, and a bar. As a remarkable blend of tradition and modernity, Aqua The Dahabeya offers a unique stay with smart solutions enhancing the guest experience.

Pain point

Operating a high-end cruise in a compact, mobile environment presented challenges—energy efficiency, seamless guest control, and personalized ambiance were key concerns.

Solution

HDL played a key role in this innovative project by implementing a range of automation solutions throughout the cruise. Lighting scene control, curtain control, and climate control were integrated to create a seamless, intelligent environment for guests.

From the moment the guest enters the room, they will be greeted by a warm and welcoming environment. Motion sensors located inside the room detect the guest's presence and activate a customized welcome scene. At the same time, the lighting and curtains will adjust accordingly to provide them with the best experience. If there is no motion detected for a certain period of time, typically 10-15 minutes, the leaving scene is activated which turns off all devices in the room, minimizing energy consumption and reducing expenses.

Granite Display and Granite Series Button Panels were equipped in the guest room which allows guests to easily manage the lighting, heating, cooling, and blinds with just the touch of a button.

Effect

AQUA THE DAHABEYA demonstrates HDL's versatility and innovation in smart solutions, proving that even in a unique setting like a cruise hotel, the combination of advanced technology and luxury can redefine the guest experience.

Egypt

Other Hotels

Anantara Apartment Dubai
Arakur Ushuaia Resort & Spa
Casa Cook El Gouna
Tiba Rose Hotel
Mövenpick Cairo Media City
The Business Boutique Hotel
Hotel Margala Islamabad
VelikovoPark Hotel Dobrograd
Kostas Hotel-Saint Petersburg
Hotel Casa Amsterdam
Maestral Resort & Casino
Jin Bei Palace Hotel
Sky Beach Aparthotel
Hotel Opera Mamaia
Pupin Palace Apartments
Ayana Sea
Chala Number 6 Hotel
Amara Singapore
Hotel Bencoolen
The Hotel Britomart
Hotel Como
Omid Hotel
Madinah Al-Reza Hotel
Oxin Hotel (Ahvaz)
Radisson Blu Hotel, Malmo
The Sultan Hotel & Residence Jakarta
Hotel Aruss Semarang
The Gaia Hotel Bandung
Hotel Nikko Hai Phong
MGM Grand Ho Tram Beach Resort
The Grand Ho Tram Strip
Hotel Las Condes Regal Pacific Santiago
MYR Hotel Plaza Mercado & SPA
Elves Castle Fairy Tale Family Hotel
Beijing Springs Valley Hotel
Chifeng Hotel
Beijing Henan Plaza
Hongxiu Hotel
Jingxi Hotel
Park Plaza Hotels & Resorts
Beijing Ruyi Business Hotel
Ruicheng Hotel - Beijing
Studio City Macau
City of Dreams - Nüwa Macau
Xihai Hotel HuangShan
Country Garden Phoenix Hotel Huangshan

Caihonggu Hotel
Country Garden Phoenix Hotel Chaohu
Country Garden Phoenix Hotel Maanshan Rushan Lake
Huanyu Palace Hotel
Dechen Jinling Grand Hotel
Country Garden Europe City Phoenix Hotel
Chizhou Country Garden Phoenix Hotel
Wuhu Country Garden Phoenix Hotel
Feiyu S E-sports Hotel NO.1
Jinling Grand Hotel
Wanyou Conifer Hotel
Case Bell Hotel
Grand Metropark Liyuan Hotel Chongqing
Rongrong Jinke Hotel
Le Meridien Chongqing, Nan'an
Cooks Club Hotel
Guanfa Enjoy Hotel Fuqing
Yongtai Smiler Hotspring Hotel
Trithorn Hotspring Resort Xiamen
Xiamen Gulang Bay Hotel
Xiamen Hotel WIND
The Garden Hotel
Baiyun International Convention Centre Hotel
Dongfang Hotel
Guangdong International Grand Hotel
Chateau Star River Haiyi Peninsula
Chimelong Hotel
Ocean Hotel
Biquan Hotel
THE XANADUGZ GUANGZHOU
Regal Riviera Hotel Guangzhou
Oakwood Premier Guangzhou
Oriental Resort Guangzhou
China Grand Hotel
Zhujiang Hotel
Golden Sun Hotel
Zanyee Hotel Nanhai Foshan
Dongguan Well Garden Hotel
Eurasia International Hotel
Cinese Hotel Dongguan
Grand Noble Hotel
Hampton by Hilton Dongguan Central Square
Century Kingdom Hotel
Mission Hills Resort Shenzhen
Harmony International Hotel

Zhuhai Tangyi Hotel
Chang an Holiday Hotel
Country Garden Shili Silver Beach Phoenix Hotel
Huijing Commercial Hotel
Grand Skylight International Hotel Huizhou
Qingyuan Hengda Hotel
Gaode Yotel
Xinhui Country Garden Phoenix Hotel
Baofeng Hot Spring Hotel
Hotel de Royce
Century Junyue Hotel
Lotus Villa Hotel
Sankuaishi Sawei'Er Resort Hotel
Ansheng International Hotel
Guangcheng Hotel
Chama Narada Hot Spring Resort Htl.
Grandnite Hotel
Huaxi Guest House
Hangtian Hotel
Guizhou Park Hotel
Qingcheng Baiyue Grand Hotel
Changshun Chaojing Int'l. Hotel
Zunyi Chishui Tucheng Inn
Luanping Zhuangpu Hotel
Yin Hotels
Biyuan Joy Hotel
Dahe Jinyue International Hotel
Gongyi Valley Awakening Hotel
Yingbin Hotel
Baoyuan Hotel
Shenma Hotel
Jinmao Jianguo Hotel
Henan Yunjue Smart Hotel
Shenglin Garden International Hotel
Kaifeng Zhongzhou International Hotel
Harbin Wanda Hotel
Dongshan Hotel
Qiqihar Fengdu Hotel
Hainan Aerqiadiya Hotel
Sanya Runde Wetland Park Hotel
Kempinski Hotel Haitang Bay Sanya
Boao State Guest House
BFA Hotel
Sanya Maotai Boutique Resort
Wuhan Country Garden Phoenix Hotel
The Jade Boutique Hotel
Country Garden Phoenix Hotel Suizhou
Country Garden Phoenix Hot Spring Hotel Xianning
Hengda Hotel Yichang

New Century Grand Hotel Lichuan
Haiyi Business Hotel
H.Brothers Meiji Hotel
Dongcheng Hotel Changsha
Whiersly Hotel Changsha
Dolton International Hotel Changsha
Zealandia Serviced Apartment Changsha
Hampton by Hilton Changsha Xingsha Hotel
Yuelai Garden Hotel
Yulong Hotel
Longqi International Hotel
Qinghe Jinjiang International Hotel
Huangpu Hotel Nanjing
Xinjingli Hotel
Zhenzhiwei Hotel
Nanjing Bali Yuanshu Vogue Hotspring Hotel
Huangjin Hotel Nanjing
Huayang International Hotel
Hongji International Hotel
Wuxi Lihua Yujinxiang Hotel
Grand New Century Hotel Yixing
Dingshan International Hotel
Daqian Swan Bay Hot Spring
Swan Lake Resort Hot Spring Jiangba
Grand Metro Park Hotel
Suzhou Qingshan Hotel
Country Garden Phoenix Hotel Taizhou
Changzhou Greenland Shannai Creator Apartment Hotel
Stars International Convention Center Hotel
Maritim Hotel Shenyang
Railway New East Hotel Shenyang
Yonggui Hotel
Gaoshidi Hotel
Inner Mongolia Jinjiang International Hotel
Inner Mongolia International Hotel Hohhot
Tenggeli International Hotel

Xi Ning Mansion Hotel
Baiwei Hotel
Shudu International Hotel
Minyoun Chengdu Kehua Hotel
Rainbird International Hotel Chengdu
YuJiang Hotel
Tangdi Oriental Hotel
Xingxing International Hotel
Gerneral's Mansion Xichang
Jiulong Yingbin Hotel
Marina Gold Hotel
New Century Grand Hotel Qingdao
Yueting Hotel
Quehua International Hotel
Laiwu Xueye Lake White Horse Manor Hotel
Dongying Guangrao Qicheng Hotel
Nanjiao Hotel Shanghai
Millennium Hongqiao Hotel Shanghai
Chateau Star River Minhang Shanghai
Radisson Blu Shanghai Pudong Jinqiao
Shanghai Jinshan Binhai Boli Hotel
Jinglai Hotel Shanghai
Radisson Blu Hotel Shanghai New World
Radisson Plaza Xing Guo Hotel Shanghai
Angsana Xi'an Lintong
Regal Airport Hotel Xian
Mehood Lestie Hotel Xian
Grand Noble Hotel Xian
Sofitel Legend Peoples Grand Hotel Xian
Gaosu Shenzhou Hotel
Tianyu Fields International Hotel
Xian 52 Hezi Hotel
Regal Airport Hotel Xian
Jinpan Hotel Xian
Gran Melia Xian
Krasnodar Marriott Hotel

Shenmu Hotel
Garden International Hotel
Chateau Star River Taiyuan
Poetry Hotel Taiyuan
Datong Ambassador Hotel
Hua Lu Hotel Datong
North Capital International Hotel
Lanou Hotel Datong
Jinzhong Meiyu International Hotel
Fengyan Jianguo Hotel
Longde Hotel
Haitangwan Hotel
Horizon Hotel
Grand Bay View International Hotel Dali
Feilong Hotel
Yunfengshan Spa Resort Hotel
The Lost Stone
Angsana Fuxian Lake
Keyi Tent Holiday Hotel
Guangnan Babaogong Hotel
Angsana Xishuangbanna
Radisson Blu Hotel Hangzhou Xintiandi
Hangzhou Serene Cicada Hotel
New Century Grand Hotel Yuhang
Culture Plaza Hotel Zhejiang
Zhejiang Xizi Hotel
Lishui Hotel
Nanyuan New City Hotel
Hi Hotel
Putuo Mountain Villa
Grand Barony Hotel Zhoushan
Hotel Shaoxing Narada Grand Hotel
Noble Hotel Yunbel
Bishan Resort Inn
Yibo Hotel Wenzhou
Courtyard By Marriott Hotel