simon
LIGHT UP EMOTIONS

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Simon|Bus

Smart Space
Freely Control

simon

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Simon-Bus

Smart Space · Hotel solutions

SIMON IN THE WORLD

Simon was established by Arturo Simon in 1916. The earliest factory was located in Olot, Catalonia, Spain. In 1972, the headquarter of Simon Group was relocated to Barcelona, which is renowned as the Flower of Europe.

Simon mainly specializes in producing switches, sockets, lighting and home smart systems. Always dedicated to product innovation, Simon has developed many products with intellectual property rights and won many honors, such as Spanish Royal Outstanding Enterprise and Spain's national Product Design Award.

Through a century of development, Simon group has established production bases in countries around the world, including China, Russia, India, Brazil, Mexico, Poland etc., and a sales network that covers over 90 countries across four continents.

SIMON IN CHINA

In July 1999, Simon entered China and established its first joint venture, Simon Quictone in Jiangsu Hai' an Economic and Technological Development Area. In 2002, Simon Automation, its second joint venture, was established. In 2008, the two joint ventures became wholly foreign-funded enterprises, with 100% of shares owned by Simon Group of Spain and were renamed Simon Electric (China) Co. Ltd. and Simon E-Commerce (China) Co. Ltd, respectively.

Depending on the technical support of Simon Group, Simon China has established a R&D team to meet Chinese market demand. Its laboratory, which focuses on testing product quality and performance, has been certified by China National Accreditation Service for Conformity Assessment (CNAS). It has developed a variety of products, which are related to switches & sockets, lighting, low-voltage electrical apparatus, smart control etc., and which have passed China Compulsory Certification. Furthermore, it owns over 100 patents.

Owing to their elegant designs, premium materials, exquisite techniques, high safety standards and strong aftersales service, Simon products are used in key projects, including the National Stadium, the Water Cube, CCTV Headquarters, Terminal T3 of Beijing Capital International Airport, Shanghai World Expo and Guangzhou Asian Games City. Simon China has also established long-term strategic partnerships with famous Chinese real estate companies, such as Vanke, Evergrande and Greenland etc.

Simon China has a complete marketing service network, nearly 30 offices all over China and nearly 2,000 distributors. It has extended its e-commerce business to all mainstream e-commerce platforms.

Simon China has implemented management systems, such as ISO 9001: 2015, ISO 14001: 2015 and OHSAS 18001: 2007. All its products have passed TUV NORD certification.

Simon China not only provides employees with ample space for growth and a platform for realizing their life value, but also shows concern to underprivileged social groups and victims of natural catastrophes by offering them the compassion and assistance of Simon staff.

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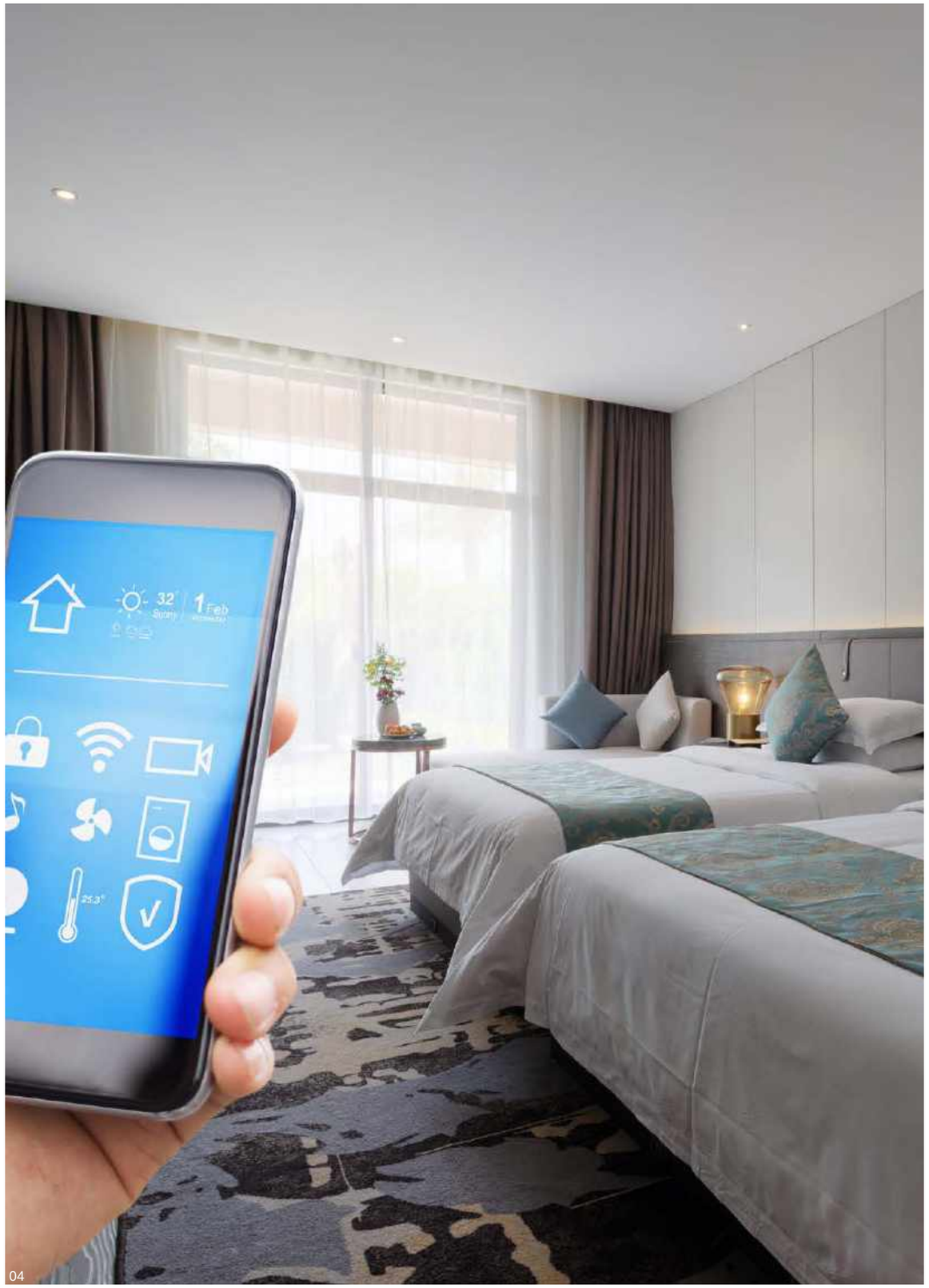


Smart

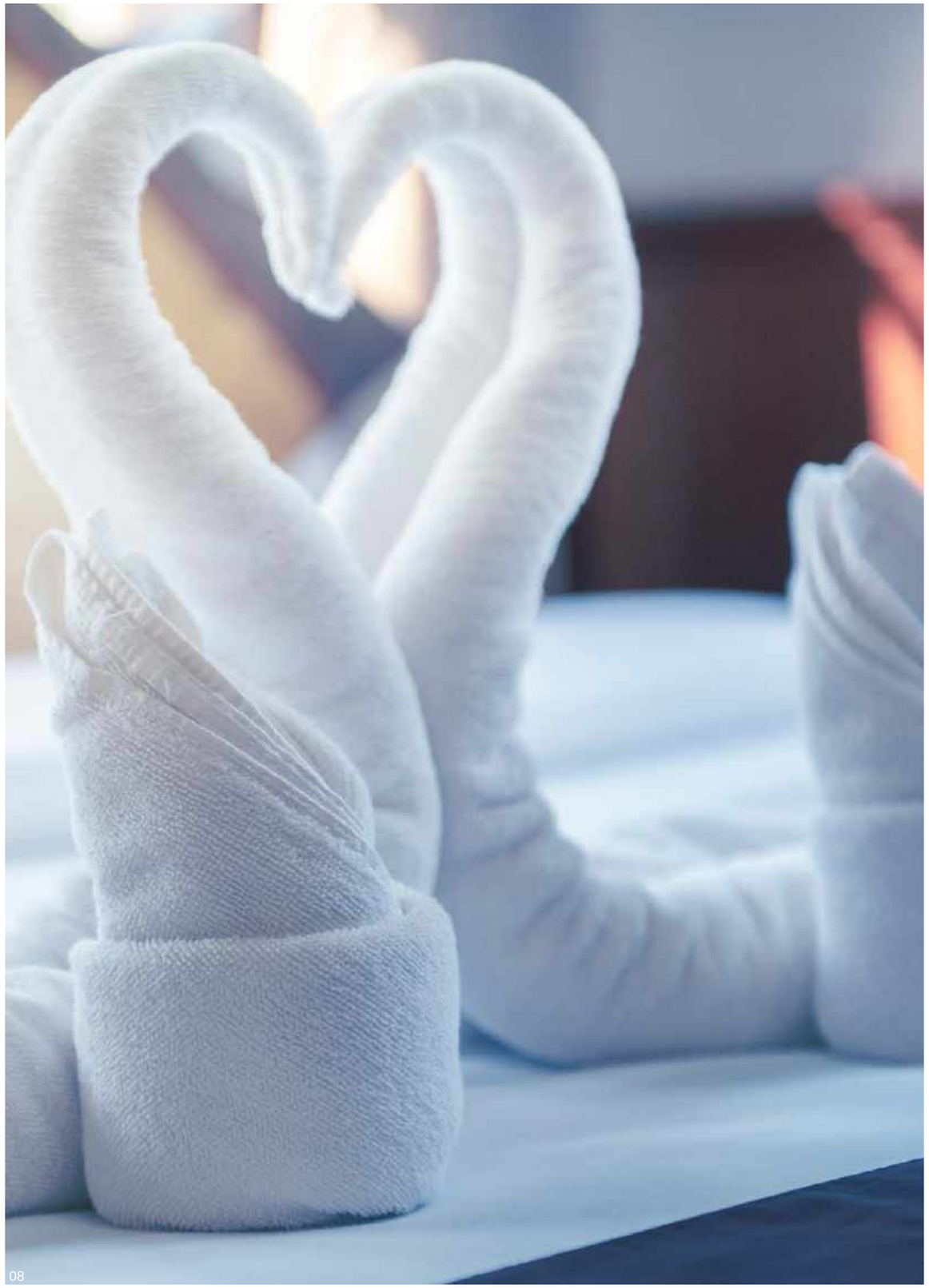
Compatible with mainstream smart terminals, such as smart phones, tablets, intelligent audios, users can view room status and control room facilities, anywhere via intelligent terminal.

Comfortable

Lighting scene is combined with curtains, creating a warm guestroom atmosphere;

Air−conditioning system, central ventilation system, and aromatic system are applied to present a fresh and comfortable environment;

Switch panel is integrated with hotel design style, improving hotel grade.



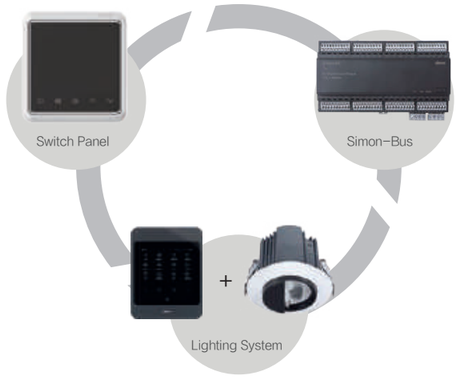
Energy Saving

Reduce energy expenditure and operating cost through the intelligent control of air-conditioning, curtains, and exhaust fans;
Effectively control lighting and avoid waste through plug-in electricity, infrared sensors, door contact, etc.

Efficient

Guest service request (SOS, washing clothes, clearing rooms, check−out, etc.) can be delivered to the customer service center promptly by Simon−Bus control system;
Offers efficient services.

Simon Advantages



1 One-stop shopping

Based on a reliable and compatible Simon-Bus control system as well as professional and comprehensive switch panel products, it fully supports one-stop shopping for all hardware, software and auxiliary materials required by the project. Efficiently solves the customers' requirements, shortens period, reduces cost and improves efficiency.

2 Flexible product range Multiple solutions

Combining hotel space structure and control appliance volume, it provides Simon-Bus series of products with different configurations.

3 Personalized customization

It provides optional customized services according to the customers' special requirements for product functions or requirements for personalized control modes like WeChat and voice, etc.

4 Stable and mature product technology

Through three generations of improved design, Simon-Bus products continuously improve the details with mature technology and stable performance.

Brand-new 3rd generation Simon-Bus series module products

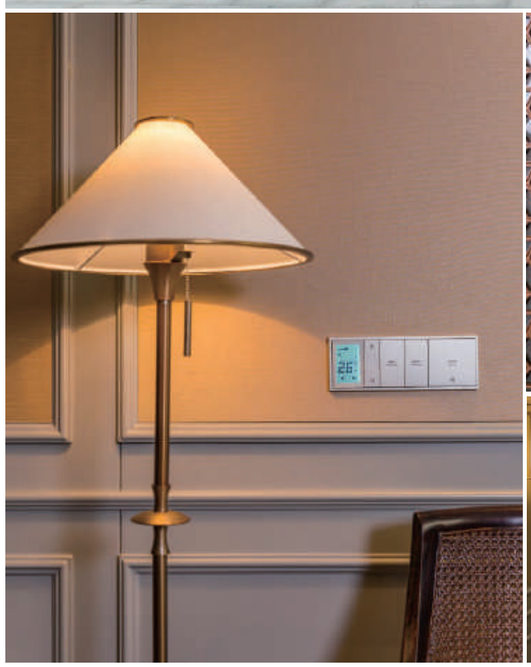
- Modular construction, more convenient maintenance
- One-key synchronization, no need to re-program for updating
- CAN bus architecture with more reliable performance

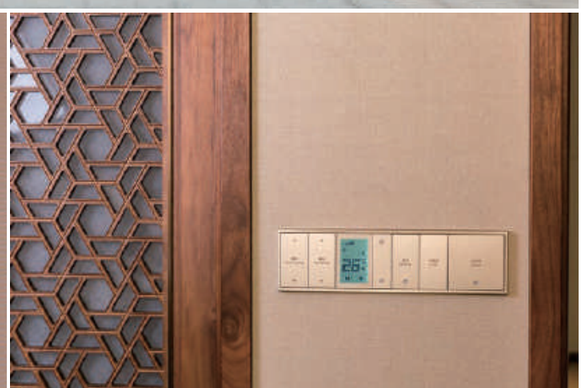
5 Intimate and perfect service

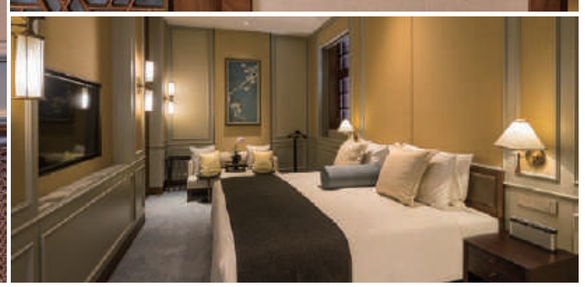
The professional technical team provides full service from mechatronic design, installation guide, debugging guidance and after-sales service, paying close attention to customer requirements and helping customers finish projects before final delivery.

Simon Advantages

①







Capella Shanghai Jian Ye Li ①

② DoubleTree by Hilton Hotel Chongqing

③ BOFFO L HOTEL XIAN

6 Sincere cooperation

Simon has cooperated with domestic and overseas high-end hotel management companies, hotel proprietors, property developers and designing institutes for a long time, its products are widely used in numerous hotels, houses and office projects.

Hotel total solution

Simon–Bus control system conducts centralized control management of the main indoor electrical equipment (air conditioner, keycard switch, lighting and curtain etc.). Through real–time communication between local area networks and the computer, the operating state of the equipment can be sent to the management computer in time, which is convenient for the scientific management and maintenance by the administrators or service staff. Individual users can improve on the comfort level of the living or working space through the remote control of intelligent terminals.

Simon–Bus control system

- Air conditioning system
- Lighting system
- Curtain control
- State control
- Service center
- Maintenance management
- Intelligent controlling

Switch panel

- Doorbell switch
- Intelligent energy–saving door magnet/window magnet
- Shaver socket
- Volume control switch
- Emergency button
- Sensor monitoring

Lighting product

- Hotel spotlight
- Fog–proof down light
- Low–voltage strip light
- Track spotlight
- Silicon controlled dimming spotlight
- Floor lamp
- Foot light
- Wall lamp

Individual user

Intelligent terminals can check equipment state anytime and anywhere via APP to conduct adjusting and controlling.

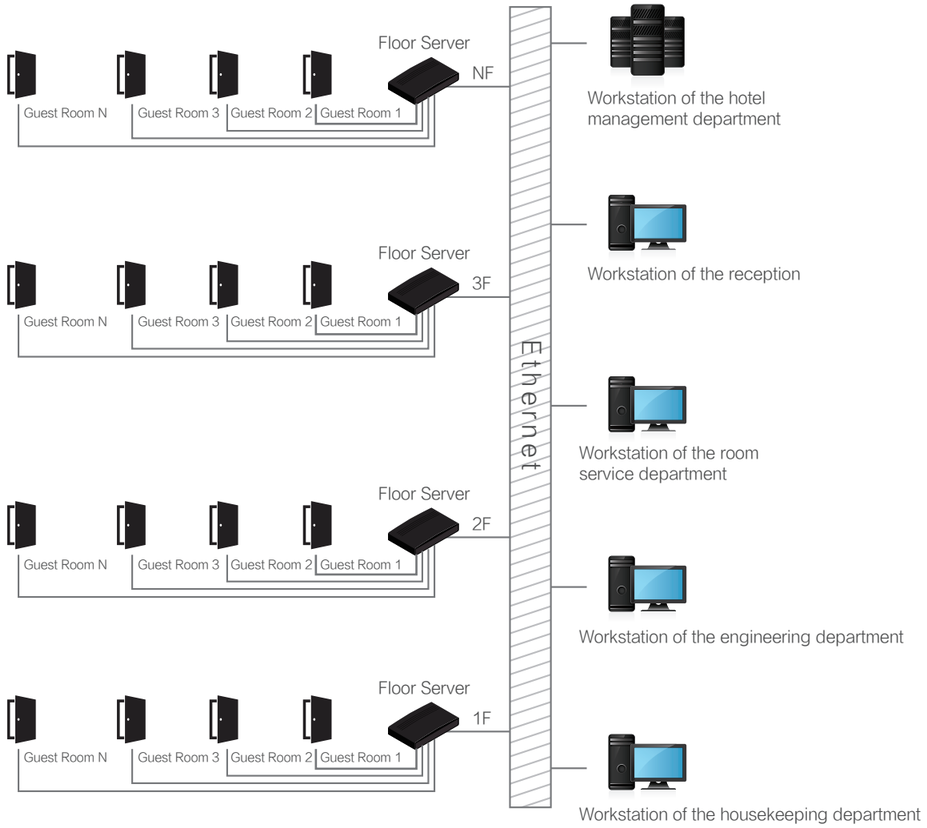
Manage users

Manage users can visit operating state of equipment in the architecture by software and conduct scientific controlling.

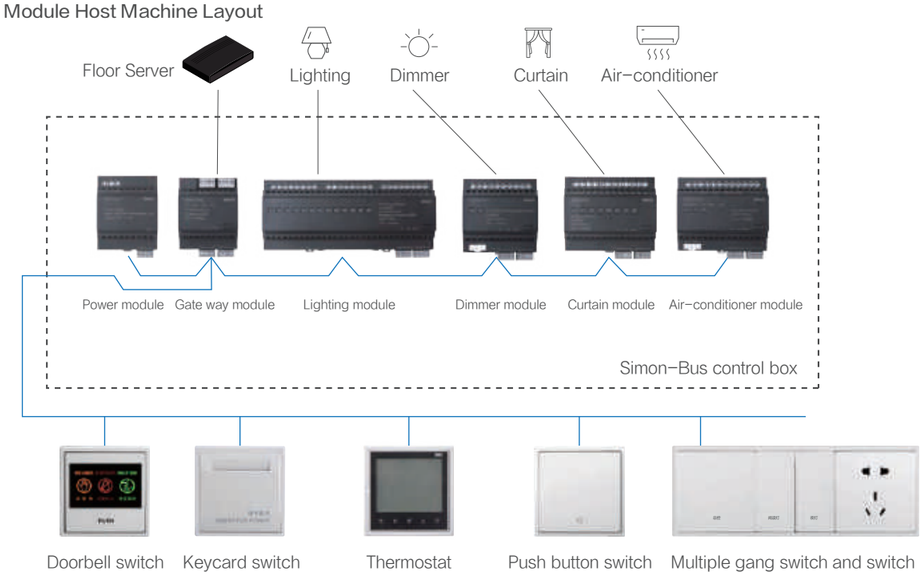
Network topology and systematic framework

Network topology and systematic framework

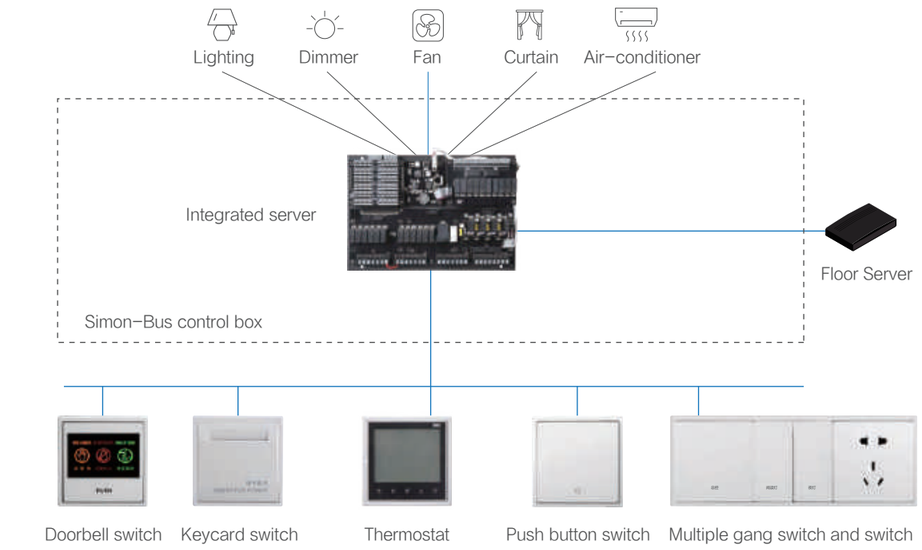
Simon adopts mature and reliable TCP/IP communication protocol with a high traffic rate as well as full duplex communication mode to ensure rapid, stable and efficient information transfer.



Module Host Machine Layout

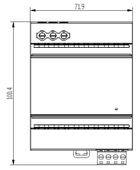


Integrated Host Machine Layout

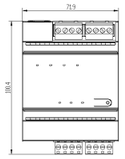


Product List

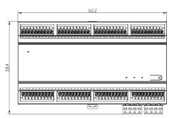
Host Machine Parameters



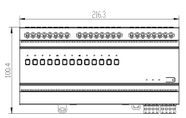
Product name	Power Supply module12VDC(G4)
Product code	S2200-0701
Basic parameter	
1.	Operating voltage:100-240V ~ 50HZ/60HZ
2	Power output:12V 3.1A
3	Environmental temperature:-10.0℃ ~ 40.0℃
4	Altitude:≤2000m
Main function	
1	Provide 12V/3.1A power supply



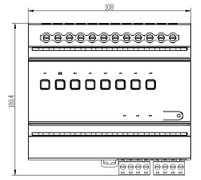
Product name	Intelligent gateway module (G4)
Product code	S2200-0702
Basic parameter	
1	Operating voltage:12V DC ± 5%
2	Rated current:100mA
3	Environmental temperature:-10.0℃ ~ 40.0℃
4	Altitude:≤2000m
Main function	
1	1-way Ethernet interface
2	2-way RS485 interface
3	1-way CAN bus



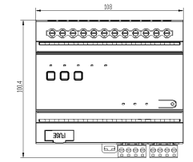
Product name	64-Channel input and output module (G4)
Product code	S2200-0703
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:800mA
3	Low voltage output current:≤20mA
4	Environmental temperature:-10.0℃ ~ 40.0℃
5	Altitude:≤2000m
Main function	
1	34-way low voltage input interface
2	30-way low voltage output interface
3	1-way CAN bus



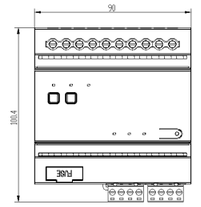
Product name	14-Channel relay module (G4)
Product code	S2200-0704
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:300mA
3	Environmental temperature:-10.0℃ ~ 40.0℃
4	Altitude:≤2000m
Main function	
1	12-way 8A relay output
2	1-way 30A relay output
3	1-way emergency power supply relay output
4	1-way CAN bus



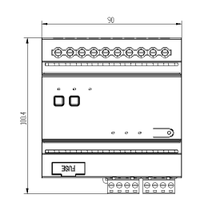
Product name	8-Channel relay module (G4)
Product code	S2200-0705
Basic parameter	
1	Nominal voltage: 12V DC ± 5%
2	Rated current: 200mA
3	Environmental temperature: -10.0℃ ~ 40.0℃
4	Altitude: ≤2000m
Main function	
1	8-way 8A relay output
2	1-way CAN bus



Product name	2/4 tube A/C module (G4)
Product code	S2200-0706
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:100mA
3	Environmental temperature:-10.0℃ ~ 40.0℃
4	Altitude:≤2000m
Main function	
1	1-wau 2/4 controlling air conditioning control
2	1-way CAN bus



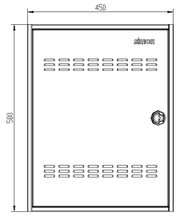
Product name	2-Channel silicon controlled dimming module (G4)
Product code	S2200-0707
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current: 100mA
3	Environmental temperature:-10.0℃ ~ 40.0℃
4	Altitude: ≤2000m
Main function	
1	2-way silicon controlled dimming with each load power of no more than 200W
2	1-way CAN bus



Product name	2-Channel 1-10Vdimming module v(G4)
Product code	S2200-0708
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:100mA
3	Environmental temperature:-10.0℃ ~ 40.0℃
4	Altitude:≤2000m
Main function	
1	2-way 1-10Vdimming with each load power of no more than ≤200W
2	1-way CAN bus

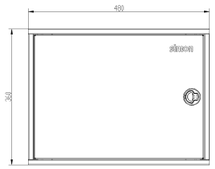
Host Machine Parameters

Installation box (G4)



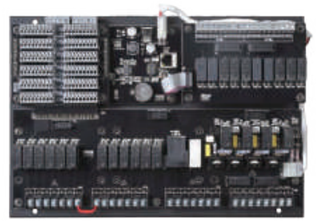
Product name	Module (G4) RCU installation box
	S2200–0103
Product code	
Basic parameter	580*450*110mm
1	Nominal voltage:220V ± 10% ~ 50Hz
2	–10℃ ~ 40℃
3	≤90%RH (no condensation of moisture)
4	
Main function	Used for installing modularization RCU
1	

Mounting plate (G3)

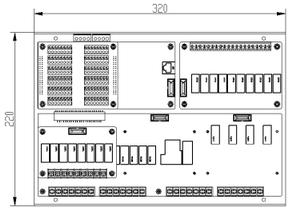


Product name	RCU installation box (G3)
Product code	S2200–0104
Basic parameter	
1	580*450*110mm
2	Nominal voltage: 220V ± 10% ~ 50Hz
3	–10℃ ~ 40℃
4	≤90%RH (no condensation of moisture)
Main function	Used for putting mounting plate and
1	modularization RCU

Host Machine (G3)



Product name	Standard RCU (G3)
Product code	S2200–0207
Basic parameter	
Operating voltage	220V ± 10% ~ 50Hz
Rated power	25W
Environmental temperature	–10.0℃ ~ 40.0℃
Altitude	≤2000m
Main function	
Low voltage input/low voltage output	40–way/40–way
8A relay output	22–way
30A relay output	1–way
Emergency power supply relay output	1–way
Silicon controlled dimming	4–way
Ethernet communication port	1–way
RS485 communication port	2–way

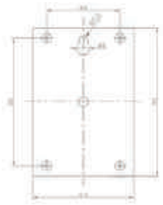


Product name	Suite RCU (G3)
Product code	S2200–0208
Basic parameter	
Operating voltage	220V ± 10% ~ 50Hz
Rated power	25W
Environmental temperature	–10.0℃ ~ 40.0℃
Altitude	≤2000m
Main function	
Low voltage input/low voltage output	40–way/40–way
8A relay output	30–way
30A relay output	1–way
Emergency power supply relay output	1–way
Silicon controlled dimming	4–way
Ethernet communication port	1–way
RS485 communication port	2–way

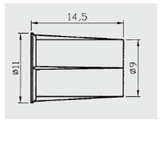
Product name	Luxury RCU (G3)
Product code	S2200–0209
Basic parameter	
Operating voltage	220V ± 10% ~ 50Hz
Rated power	25W
Environmental temperature	–10.0℃ ~ 40.0℃
Altitude	≤2000m
Main function	
Low voltage input/low voltage output	40–way/40–way
8A relay output	38–way
30A relay output	1–way
Emergency power supply relay output	1–way
Silicon controlled dimming	4–way
Ethernet communication port	1–way
RS485 communication port	2–way

Host Machine Parameters

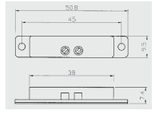
Accessories



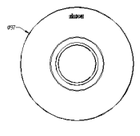
Product name	Electronic doorbell (DC12V)
Product code	S2200-0403
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated power consumption:2W
3	Environmental temperature:-10.0℃ ~ 50.0℃
Main function	
1	It can be installed inside the guest room intelligent controller box, matching with guest room intelligent controller.



Product name	Door magnet (DC12V) (5 sets)
Product code	S2200-0404
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:100mA
3	Sensing distance:10 ~ 15mm
4	Environmental temperature:-10.0℃ ~ 50.0℃
Main function	
1	It can be installed on the door of the hotel or closet in order to test the on-off state of the door.



Product name	Window magnet (DC12V) (5 sets)
Product code	S2200-0405
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:300mA
3	Open distance (D):10 ~ 15mm
4	Environmental temperature:-10.0℃ ~ 50.0℃
Main function	
1	It can be installed on the window of the hotel in order to test the on-off state of the window.



Product name	Surface PIR Sensor (DC12V)
Product code	S2200-0409
Basic parameter	
1	Nominal voltage:12V DC ± 5%
2	Rated current:50mA
3	Detection range: diameter ≤6m (installation height of 2.8 meters)
4	Delay time:2 ± 1S
5	Environmental temperature:-10.0℃ ~ 40.0℃
Main function	
1	Pyroelectricity infrared induction with signal output when people come over and without signal output when people walk away.

Management Software

Individual users

Mobile phone/Pad APP control

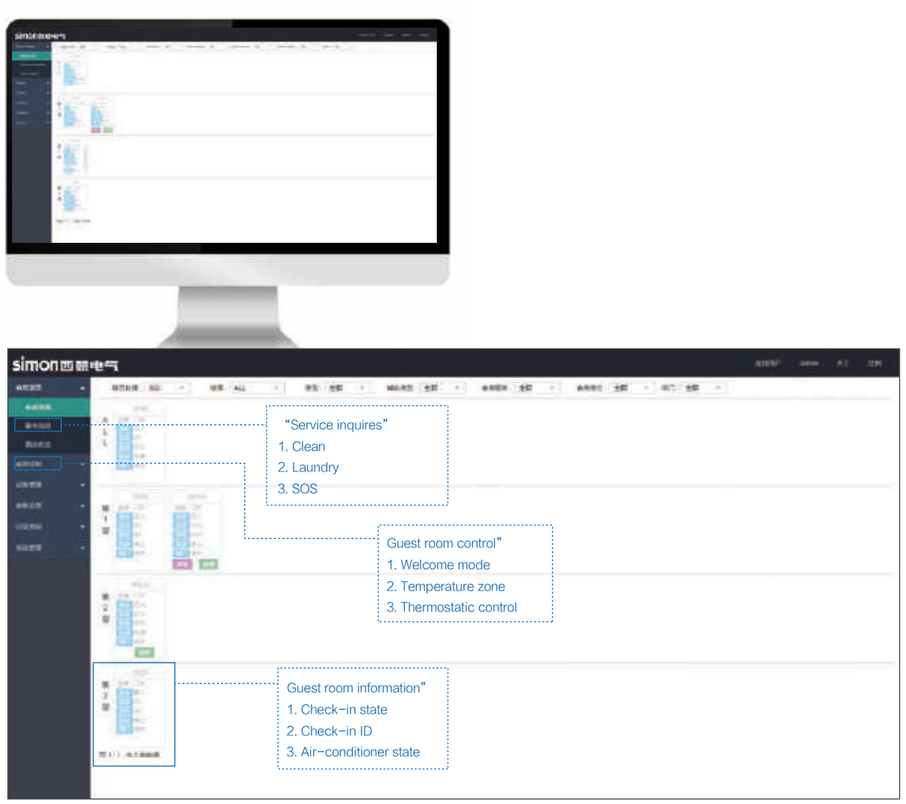
Users and proprietors can control as they wish
Start intelligent, convenient and beautiful life

WeChat terminal control

Distinct interface and convenient usage
Help users and proprietors to control easily

Management Software

Management users



PC terminal control

Provide comprehensive management interface for proprietors
Convenient use and maintenance, high reliability

Management functions

Host management	1. Search hosts in the network and register according to floors and room types 2. Batch set host information 3. Batch issue host upgrading firmware and configuration information
Information view and control	1. Real-time display of room state (rent out, for rent, check out, vacant) 2. Real-time display of service information (SOS, do not disturb, clean up, check out, calling, laundry) 3. Room abnormal remind, including door opening with or without user in the room, safe box opening with un-user in the room, safe box closing while check out, abnormal room temperature, abnormal door closing, disconnected temperature controller. 4. Real-time display of air conditioners' state in the room (wind speed and room temperature, etc.) 5. Real-time display of identity recognition information of inserted room card 6. Real-time switch of room state 7. Support batch operation according to floors, room types and room states etc.
Air conditioning management	1. Air conditioner controlling setting (two-pipe system/four-pipe system) 2. Associated with room state, activate air conditioner 3. General settings aiming at common users, like mode setting, temperature setting and wind speed setting etc. 4. Professional settings aiming at common users, like compensation temperature and dead zone temperature etc. 5. Advanced settings are for professional debugging personnel 6. Support batch operation according to floors, room types and room states etc.
Lighting scene management	1. Single lamp control 2. Group control for user-defined scene and command scene 3. Support batch operation according to floors, room types and room states etc.
APP management	1. Set up interface elements of APP application 2. Set up corresponding room number of PAD
Inquire statistical management	1. Inquire room service, air conditioning control, loop state and hotel state 2. Inquire according to the time period, and then save and print 3. Inquire everyday power consumption data of each room
Maintenance function	1. Malfunction repair 2. Real-time display of repair progress
Authority management	1. Assign different kinds of authority for different roles
System management	1. Set up host IP and port, multicast and system docking address 2. Inquire system log including operation module, movement, details, result, operator, IP address and operation time of the executed operation.

Assorted switches and sockets

SERIES simon i7

Elegant Simple Unique Sophisticated

White

Grey

Champagne

Doorbell switch

1 Gang push–button switch

Keycard switch

2 Gang push–button switch

Temperature controller

4 Gang push–button switch

Multi–standard socket with twin USB charger

Wi–Fi router

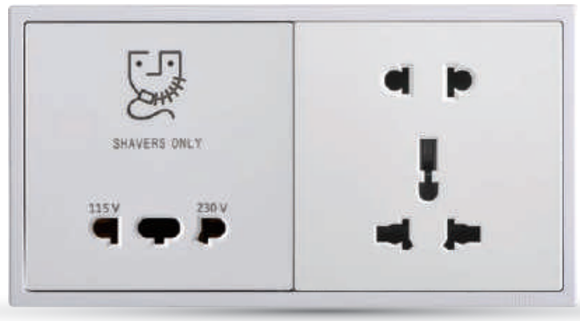
Volume control switch

Dimmer

Presence detector floor light

Telephone & Data outlet module

2–gang frame (Doorway control switch)



2–gang frame (Shaver socket control switch)

5–gang frame (Hotel multimedia control switch)

3–gang frame (Bedside control switch – ELV)

3–gang frame (Bedside control switch)

5–gang frame (Bedside control switch)

Assorted switches and sockets

SERIES simon V8

Elegant Luxury Design

ZAMAK5

V8

Quality PC

V8 Basic

304 Stainless Steel

V8 Classic

Glass

V8 Nature

Keycard switch

1–gang push–button switch

2–gang push–button switch

4–gang push–button switch

2–gang backlight switch

4–gang backlight switch

Multi–standard socket with double USB chargers

Temperature controller

Volume control switch

Dimmer

Doorbell switch

Telephone & data outlet module

2-gang frame (Doorway control switch)

3-gang frame (Desk side control switch)

5-gang frame (Bedside control switch)

3-gang frame (Hotel multimedia control switch)

5-gang frame (Bedside control switch – ELV)

Assorted switches and sockets

SERIES simon E6

Endless freedom
Ingenious steady

1–gang push–button switch

2–gang push–button switch

Multi–standard socket with twin USB charger

Wi–Fi router

3–gang push–button switch

4–gang push–button switch

Volume control switch

Dimmer

Keycard switch

Temperature controller

Presence detector floor light

Data & telephone outlet module

2-gang frame (Doorway control switch)

2-gang frame (Shaver socket switch)

3-gang frame (Bedside control switch – ELV)

5-gang frame (Bedside control switch)

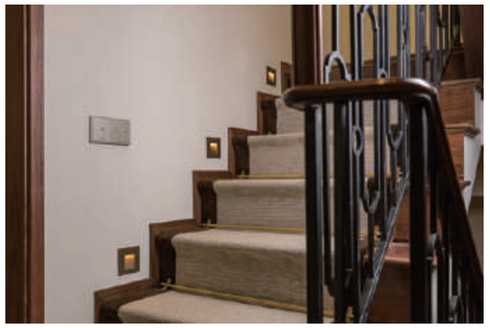
3-gang frame (Bedside control switch)

2-gang frame (Bath room control switch)

Project Cases

Capella Shanghai Jian Ye Li

Located in Shanghai Hengfu Historical and Cultural Features Protected Area of Xuhui District, the hotel possesses "shikumen" architectural complex built in the 1930s by the French land agent, making it the only seven-star all-villa city resort hotel in Shanghai. The rebuilt architecture will reflect traditional features of Shanghai dwelling with harmonious blending of Shanghai-style culture and Paris expressions. Simon provides guest room control system and switch panel for the hotel as well as witnesses the luxurious regener-ation of the historical architecture.



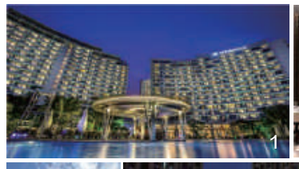
BOFFO L HOTEL XIAN

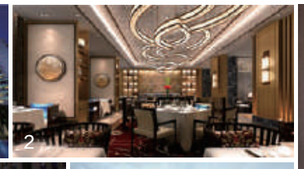
Simon provides the entire solution of guest room control management for BOFFO LONG Hotel in Xi’an "BOFFO LONG" -- an international hotel brand of Australia, adhering to the work concept of "professional, focused and concentrated” has devoted itself to elaborate the carving of “BOFFO LONG” and "PERFECT" brand for many years. It has successfully created the service concept and system with the core of “surprise + touched,” bringing “customized” and “overjoyed touched” experience for guests.

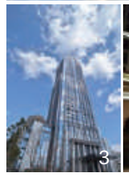
Project Cases

DoubleTree by Hilton Hotel Chongqing

It is located at the commercial center of Nanping, which is close to Chongqing International Convention and Exhibition Center, commercial office building, state office building, shopping center and famous scenery. Double Tree by Hilton Hotel Chongqing is equipped with 236 guest rooms and suites. The application of Simon products can bring more efficient management and high-class image for hotels.







1 Wyndham Sanya Bay

2 Howard Johnson Jinyi Hotel Chongqing

3 Sofitel Kunming

4 Ambassador Hotel Tianyi

5 Qinghai Hotel

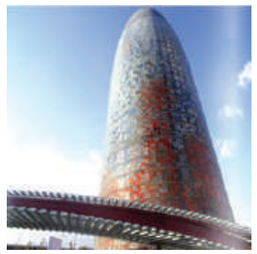
6 Amara Signature Shanghai

7 Hilton Jiuzhaigou Resort

8 V-leader Shenzhenair International Hotel Yinchuan

9 Sanya Shanhaitian Marriott Hotel

Project Cases



Torre Agbar,Barcelona,Spain

Kremlin,Moscow,Russia

Barcelona Olympic Stadium,Barcelona,Spain

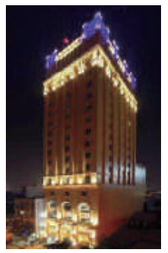
CCTV Building

Beijin V-Continent Crown International Hotel

Hotel JW Marriot

Beijing National Aquatics Center(Water Cube),Beijing,China

Spanish Pavilion at the Shanghai World Expo 2010,Shanghai,China



Gopatel Hotel, Vietnam

Dolpin Plaza, Hanoi, Vietnam

Micasa All Suite Hotel, Kuala Lumpur, Malaysia

Double Tree by Hilton, Johor Bahru