

COLOUR ▶

White

-46
Champagne

-61
Grey

-26
Black

Dimensions of Applicable Box

Plate: 86*86mm
Box: 72*72mm
Fixing Center: 60.3mm

58E8008HL

4 Gang ZigBee Scene Switch



58E8021HL

6 Gang ZigBee Scene Switch



58E8013HL

1 Gang ZigBee Curtain Switch



58E8014HL

2 Gang ZigBee Curtain Switch



58E7101HL

ZigBee Central-AC
Thermostat(FCU)



simon

LIGHT UP EMOTIONS

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Simon | M3 HOTEL

Boundless
Fearless

681803HL

ZigBee Gateway (LAN)



58E8041HL

Keycard switch



58E8001HL

1 Gang ZigBee Switch



58E8002HL

2 Gang ZigBee Switch



58E8003HL

3 Gang ZigBee Switch



58E8004HL

4 Gang ZigBee Switch



58E8009HL

4 Gang Multifunction ZigBee switch
(2 scene+2 switch)



58E8022HL

6 Gang Multifunction ZigBee Switch
(3 scene+3 switch)



58E8023HL

6 Gang Multifunction ZigBee Switch
(2 scene+4 switch)



58E8005HL

1 Gang ZigBee Scene Switch



58E8006HL

2 Gang ZigBee Scene Switch



58E8007HL

3 Gang ZigBee Scene Switch



Management Software

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.

Support integration with mainstream hotel management systems

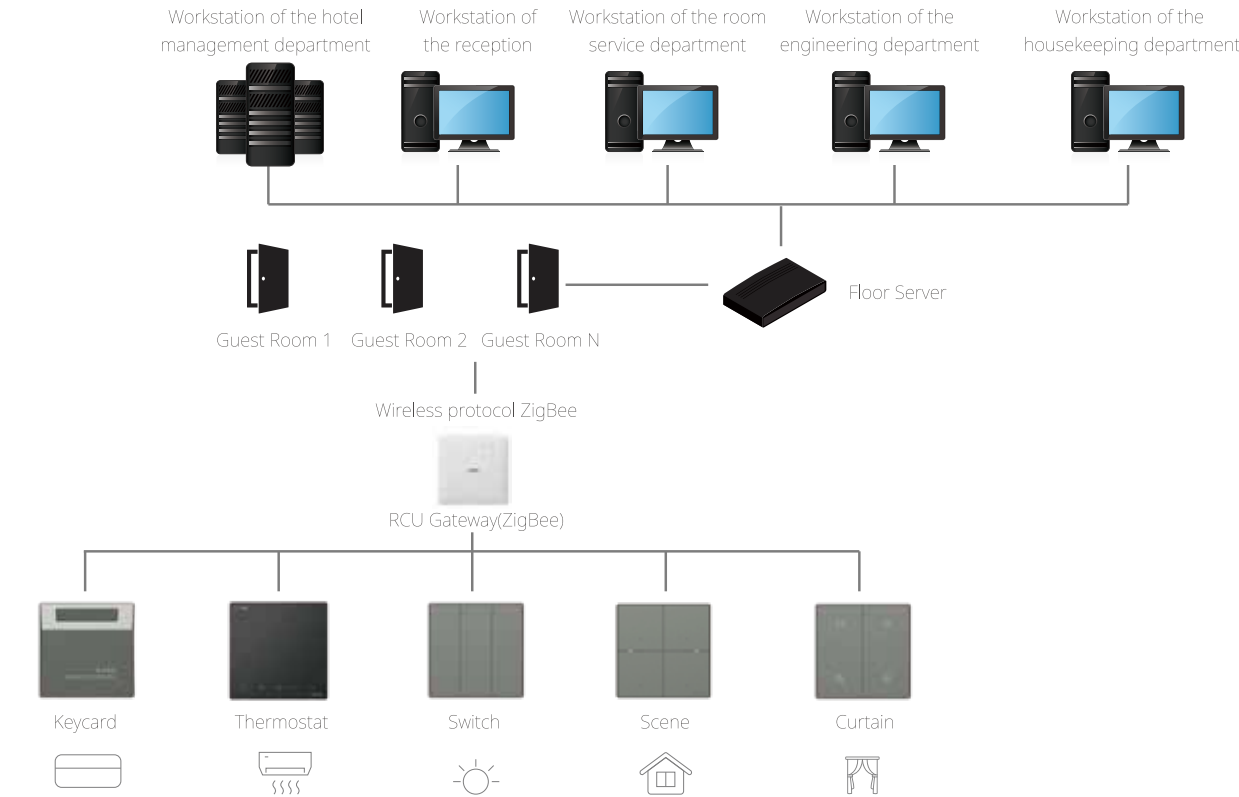
Simon | Wireless RCU

simon

Simon Wireless RCU system

By replacing traditional mechanical switches with ZigBee switches(L and N wiring) which wireless connect to the ZigBee RCU gateway, the smart upgrade of standard guest rooms can be quickly accomplished. This effortless integration achieves a 'Smart Hotel' experience, enhancing customer satisfaction and increasing hotel occupancy rates.

Network topology and systematic framework



ZigBee protocol

ZigBee protocol employs a cellular mesh network communication protocol, providing advantages such as wide coverage, multi-channel support, low power consumption, and self-organization, enabling extensive network coverage without dead zones in rooms and overcoming communication distance limitations.

It supports cloud-based or local online management, as well as direct communication between panels. Optimized communication protocols and proprietary algorithms enhance the overall performance. Security is a core aspect of ZigBee network design, with each data packet undergoing encryption and validation.



Wireless RCU Advantages



Low Retrofitting Costs
Both the time and material costs of the retrofit are relatively low, aligning with the renovation budgets of most hotels



Short Construction Period
The construction period is relatively short, minimizing the impact on hotel operations.



Low Wiring Difficulty
Eliminating the hassle of extensive wall wiring, reducing the difficulty of hotel retrofitting.

Increase Hotel Revenue

Enhance the New Check-in Experience;
Increase in Average Revenue per Guest;

Reduce Management Costs

Automatically senses occupancy status for power on/off;
Effectively manage energy consumption of in-room devices;
Substantially reduce hotel workload and operational costs.

Enhanced Guest Experience

Enjoy one click control of in-room lighting, air conditioning, curtains, and other devices;



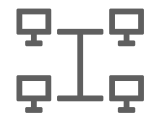
Wireless RCU Function



Smart Guest Rooms



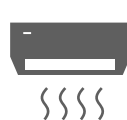
Linked Management



Seamless Scene Switching



Efficient Service



Smart Temperature Control



Unified Management

Scenario

Unoccupied Mode

01

I. Normal rooms are in unoccupied mode when there are no guests, and the guest control system operates in an energy-saving mode.

II. The air conditioning in the room is in unoccupied mode.

III. The bathroom fan opens and closes on a schedule to maintain fresh indoor air.

Occupied Mode

04

I. Guests control lighting, curtains, air conditioning, and other devices through the smart panel.

II. Service information such as "make up room," "do not disturb," and "please wait" is instantly transmitted outside the door or to the room management software.

Check-in Mode

02

I. Hotel staff can check the status of room devices through software at the front desk and rent available rooms to guests.

II. After guests complete the check-in process at the front desk, the air conditioning can automatically transition from unoccupied mode to occupied mode, ensuring a comfortable temperature when guests enter.

Leave Mode

05

I. When guests takeout the keycard , devices like lights are delayed before turning off, and information is transmitted to the system software.

Welcome Mode

03

I. Guests use their key card to unlock the door.

II. Automatic corridor lights turn on and turn off after a 30-second delay;

III. Inserting the key card into the power switch for activating the welcome mode, to power. Lights and curtains enter the welcome mode.



Management Software

Inquire statistical management

1. Inquire room service, air conditioning control, loop state and hotel state
Inquire according to the time period, and then save and print
2. 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.