



Hotel and Commercial Space

Complete & Flexible Solution for Your Commercial Space





HOTEL SMART SYSTEMS





Hotel lock management software

Check-in, pre check-in, check-out for guests.
 Master cards for hotel staff, and also copies of the cards.
 Card reading: identification of users.
 Audit trail: a report of every opening by APP, mechanical key, password, fingerprint etc.
 Special cards: door blocking card, programming card, fail safe card, lost reporting card, elevator card.
 Audit: the register of every operation performed by the software. Listing of doors: by floors, buildings, blocks, etc.
 Types of doors: rooms, suites, common access, access control.
 List of users: by groups or individually. User personalisation.
 Different levels for operators. Customised according to each hotel's requirements.
 Multi-operational modes (free access, first user, double user, etc.)
 Support multi-terminal login (issue card from more than one computer). Support Windows/IOS/ Android.



Gateway Model : YGS-G

Real-time upload of unlock records
 Real-time check-out
 Real-time lock power update
 The door lock is automatically adjusted
 Report loss card automatically
 Lock status information report
 Activate passage door remotely
 Upload lock abnormal status event
 Linkage switch to take electricity, abnormal
 Electricity information report

Bluetooth hotel local server: Model : YGS-HLS

When the external network is disconnected, the LAN can work normally without interruption.
 Support many devices such as network lock, multi-function Gateway, card encoder, access controller etc..
 Free interface with PMS, self check-in machine etc..
 Support any browser via terminal devices

Easy PMS Integration

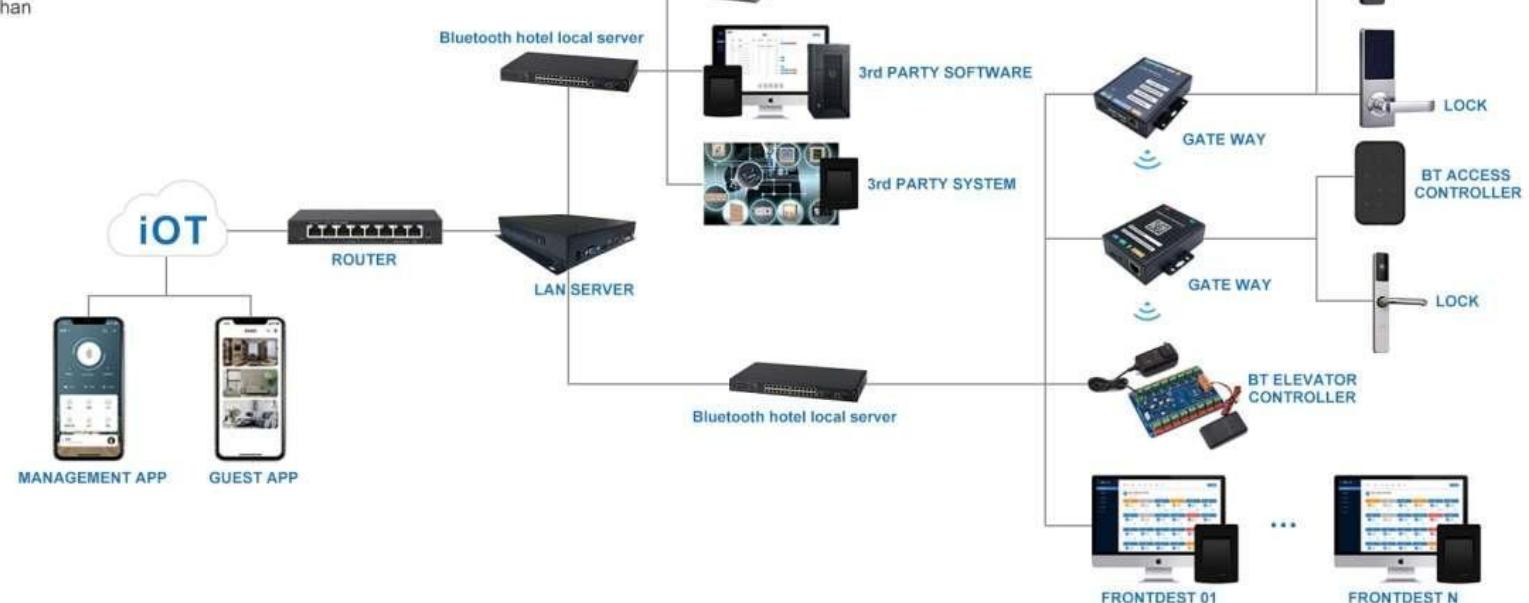
Interface with PMS only need one more cable, easy to interface and avoid many incompatibility problem.

No requirement for the self-check-in machine /PMS or the RCU (ISO or PAD card issue available).

As long as the interface authorization can be initiated to the server.

Encoder Model : YGS-HE

Support wifi/ ethernet two server connection mode.
 Support Web-side distribution network, realize the switch of different IP segments.
 The experience is perfectly close to offline encoder card reading and writing operation experience.
 Windows/Linux/OSX/IOS/Android
 Free interface with PMS, self check-in machine etc.,(as long as interface with server)





YGS9936

Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel NO.304. Ideal to replace old locks. It covers the holes of many models of locks on the market.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

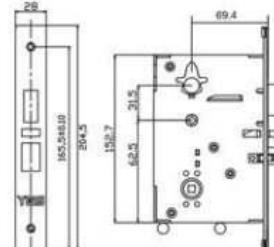
TECHNICAL PARAMETERS

Material: Stainless steel
 Finish: Stainless steel brushed/gold
 Power supply: 4 AA alkaline batteries
 Battery life: Over 15000 cycles
 Static current : < 20 uA
 Dynamic current : <150 mA
 Storage temperature : -25 + 58°C
 Storage humidity : 15-90% RH
 Working temperature : -25 + 58°C
 Working humidity : 15-90% RH
 Card reading distance : 0-5cm
 Reading & writing time : <0.25s
 Date keeping : Over 10 years
 Applicable chip : Mifare 1 (13.56Mhz)

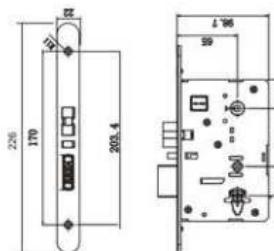


MORTISE

ANSI Standard



ANSI Thin



Confirmation indicator light that illuminates when any action is made on the lock.



The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.



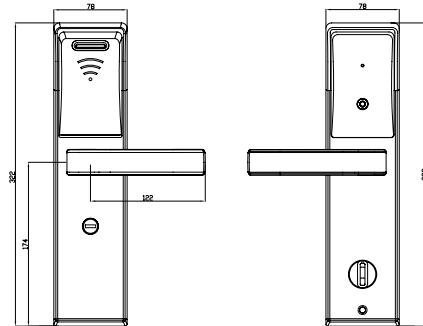
Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



YGSA9937

Hotel Electronic lock Series

Electronic lock with Euro mortise and big faceplate, ideal for old lock renovation in the market. No need additional door hole adjustment, you could finish the renovation within 5minutes.



FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register **up to 1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment for **high humidity** environments.
- **Software** available in several languages. Standalone mode or centralized database.
- Mechanical **emergency lock**
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

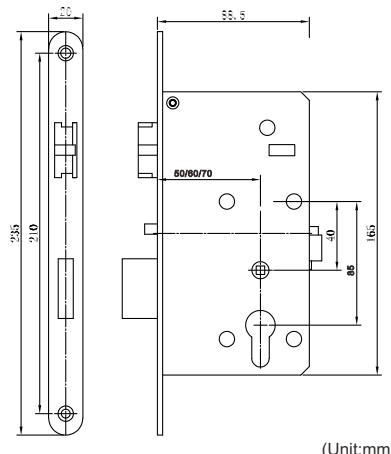


Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

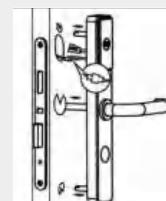
Key-alike type and key-different type are optional.



MORTISE



Confirmation indicator light that illuminates when any action is made on the lock.



Same mounting size of most old lock brands. You could install our models directly on the old door hole. No need additional door hole drilling. You could also keep the old mortise to work with our face plate to save your upgrade cost.



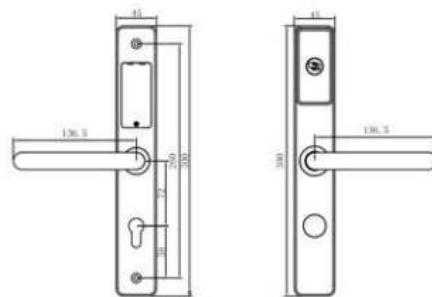
Internal faceplate with cylinder knob to extend deadbolt when customer doesn't need disturb.



YGS9939
Hotel Electronic lock Series



Electronic lock with RFID technology, with front and back faceplates made of stainless steel No304. Ideal to replace old locks. It covers the holes of many models of locks on the market.



FEATURES

- Escutcheon and handle material are all of No.304 stainless steel plate.
 - Patented handle design, reversible for left/right unlocking.
 - Distinctive red/green LED shows every lock status.
 - Ideal to replace old locks. It covers the brands of many models of locks on the market.
 - Audit system with capacity to register up to 1000 events including openings with emergency keys.
 - PCB sealed with silicon encapsulated treatment for high humidity environments.
 - Software available in several languages. Standalone mode or centralized database.
 - Mechanical emergency lock
 - EEPROM memory to maintain the information and configuration even if the batteries are removed.
 - Uses 4 standard AA batteries.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

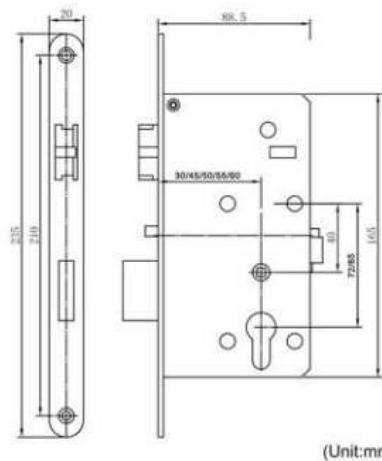
Key-alike type and key-different type are optional.

TECHNICAL PARAMETERS

Material: Stainless steel
 Finish: Stainless steel brushed
 Power supply: 4 AAA alkaline batteries
 Battery life: Over 15000 cycles
 Static current : < 20 μ A
 Dynamic current : <150 mA
 Storage temperature : -25 ~ +58°C
 Storage humidity : 15-90% RH
 Working temperature : -25 ~ +58°C
 Working humidity : 15-90% RH
 Card reading distance : 0-5cm
 Reading & writing time : <0.25s
 Date keeping : Over 10 years
 Applicable chip : Mifare 1 (13.56MHz)



MORTISE



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



The black plastic part makes unlocking silently.

The anti-card latch prevents its opening by this technique.



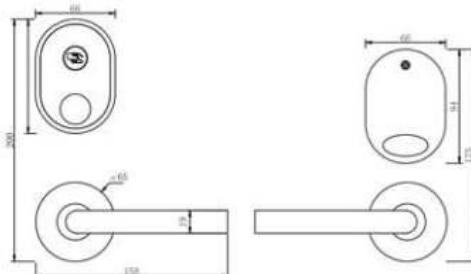
Interior anti-panic latch.
It retracts automatically
when the door is opened
from the inside.



YGS9902

Hotel Electronic lock Series

Two-body electronic lock with RFID technology, with a careful design and modern aesthetics. Front cover and handles made of NO. 304 stainless steel. Ideal for new constructions or refurbishments.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

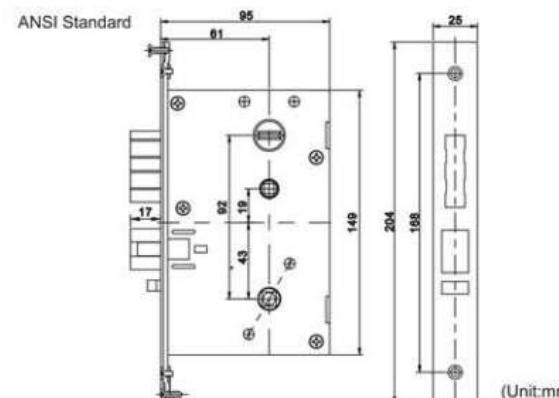
Key-alike type and key-different type are optional.

TECHNICAL PARAMETERS

Material: Stainless steel
 Finish: Stainless steel brushed/gold/black
 Power supply: 4 AAA alkaline batteries
 Battery life: Over 15000 cycles
 Static current : < 20 μ A
 Dynamic current : <150 mA
 Storage temperature : -25- + 58°C
 Storage humidity : 15-90% RH
 Working temperature : -25- + 58°C
 Working humidity : 15-90% RH
 Card reading distance : 0-5cm
 Reading & writing time : <0.25s
 Date keeping : Over 10 years
 Applicable chip : Mifare 1 (13.56MHz)



MORTISE



Confirmation indicator light that illuminates when any action is made on the lock.



Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

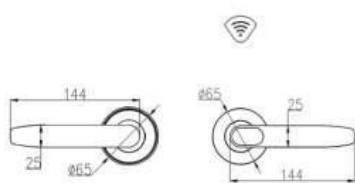
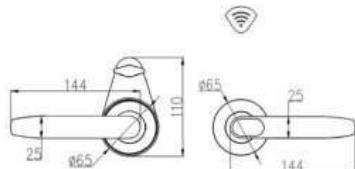


If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard. This signal is given months before the battery needs to be replaced.



YGS9905 Hotel Electronic lock Series

Hidden reader Hotel lock. Electronic lock with RFID technology, with front and back faceplate made of Zinc alloy. This simple design immensely reduce workload and mistake in a degree.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- The reader and battery box are installed on the mortise inside, simplify the lock installation.
- Uses 4 standard AAA batteries.



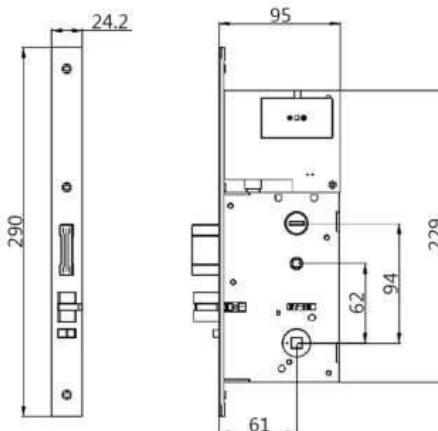
Emergency mechanical lock hidden behind a flap on the handle. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

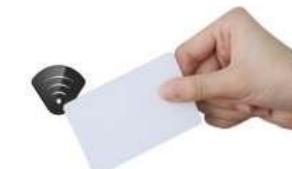


MORTISE

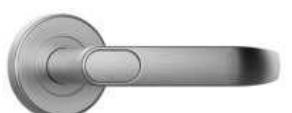
ANSI Standard



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.



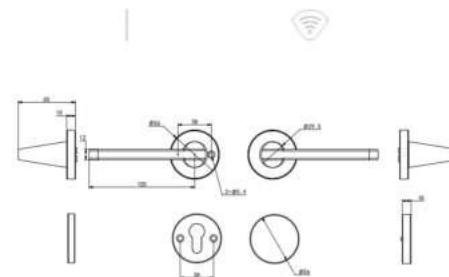
Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



YGS9909

Hotel Electronic lock Series

Hidden reader Hotel lock. Electronic lock with RFID technology, with front and back faceplate made of 304 stainless steel. This simple design immensely reduce workload and mistake in a degree.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- The reader and battery box are installed on the mortise inside, simplify the lock installation.
- Uses 4 standard AAA batteries.



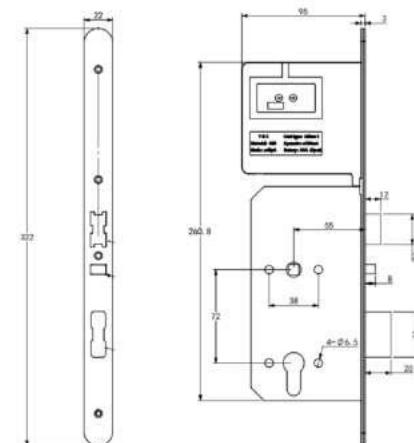
Emergency mechanical lock hidden behind a flap on the handle. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.



MORTISE

ANSI Standard



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.

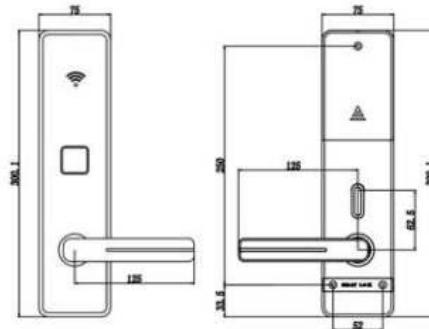


Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



YGS9916 Hotel Electronic lock Series

Distinctive elegance with fancy LED effect endows the whole hotel with modern sense. Three well-chosen colors cater to different decoration style of different hotels.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

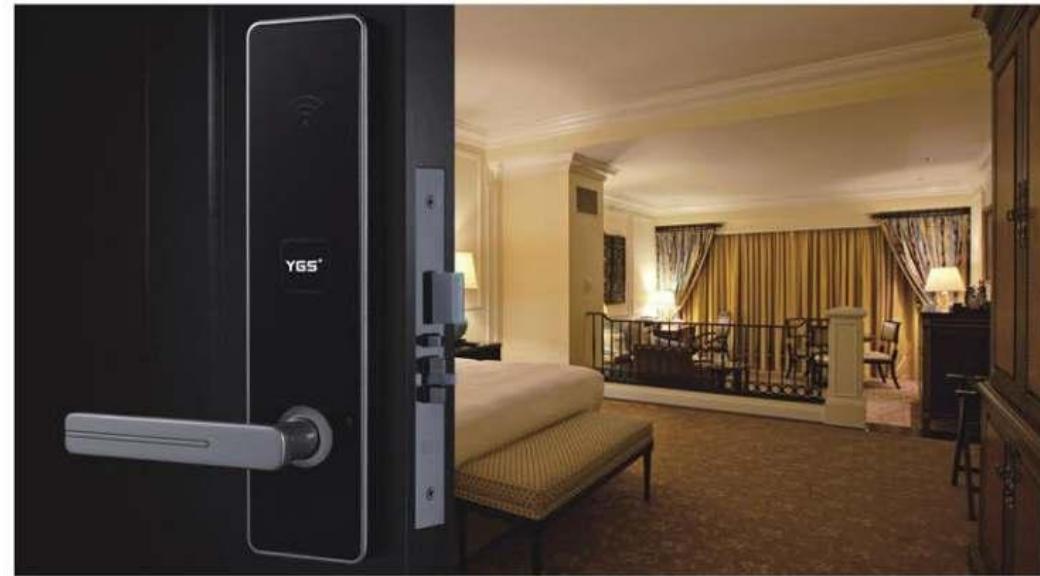


Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

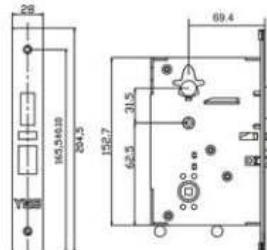
TECHNICAL PARAMETERS

Material: Aluminium alloy & acrylic;
Finish: Black with silver/gold/coffee gold edge
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58°C
Storage humidity : 15-90% RH
Working temperature : -25- + 58°C
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare (13.56Mhz)

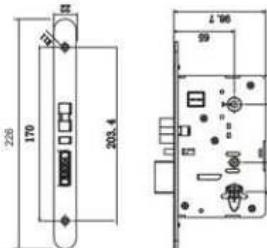


MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



All trace of installation are invisible with this decoration strip.

It blends all into one harmonious whole, giving a rough lock gentle feeling.



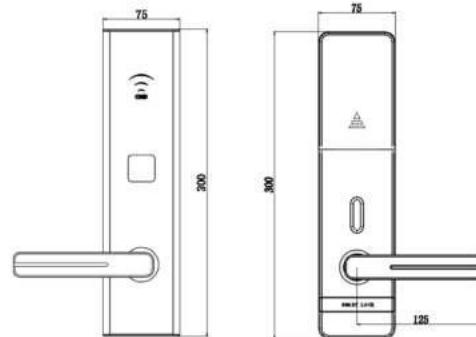
If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.



YGS9951 Hotel Electronic lock Series

Distinctive elegance with fancy LED effect endows the whole hotel with modern sense. Three well-chosen colors cater to different decoration style of different hotels.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



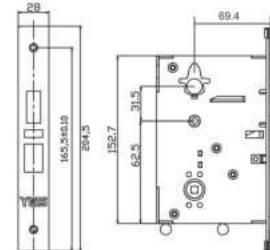
Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

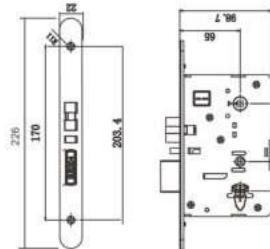


MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



All trace of installation are invisible with this decoration strip.

It blends all into one harmonious whole, giving a rough lock gentle feeling.



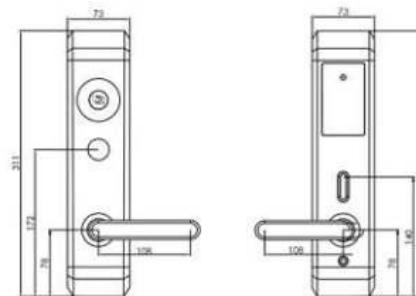
If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.



YGS9938 Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel NO.304. Ideal to replace old locks. It covers the holes of many models of locks on the market.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock is in the state of misoperation.

Key-alike type and key-different type are optional.

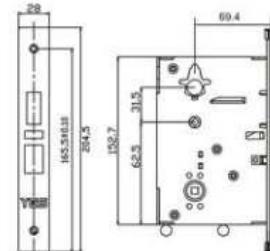
TECHNICAL PARAMETERS

Material: Stainless steel
Finish: Stainless steel brushed
Power supply: 4 AAA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 μ A
Dynamic current : <150 mA
Storage temperature : -25- + 58°C
Storage humidity : 15-90% RH
Working temperature : -25- + 58°C
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

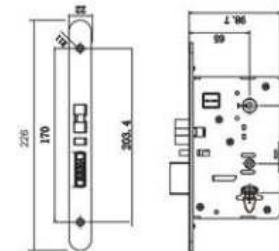


MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.



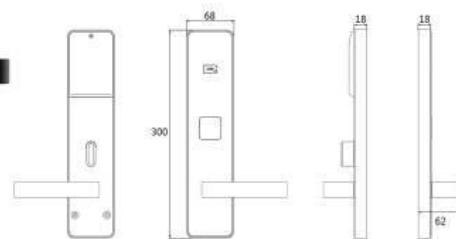
Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



YGS9953

Hotel Electronic lock Series

IMD faceplate with CNC treatment makes every lock edge straight and clear, very high classic to upgrade hotel image. The aluminium profile lock frame and iron base provide higher level of durability and rigidity than stainless steel material lock.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.

TECHNICAL PARAMETERS

Material: aluminium alloy
 Finish: IMD in grey, silver, gold
 Power supply: 4 AAA alkaline batteries
 Battery life: Over 15000 times
 Static current : $\leq 40\mu\text{A}$
 Dynamic current : $< 150 \text{ mA}$
 Storage temperature : $-20 - + 65^\circ\text{C}$
 Storage humidity : 10-95% RH
 Working temperature : $-25 - + 65^\circ\text{C}$
 Working humidity : 10-95% RH
 Reading & writing time : $< 0.25\text{s}$
 Date keeping : Over 10 years
 Applicable chip : Mifare (13.56Mhz)



The faceplate is fully covered by IMD treatment, durable and anti-rust.

In long-term daily use, the lock color stays the same and in good condition even installed in the most aggressive environments.



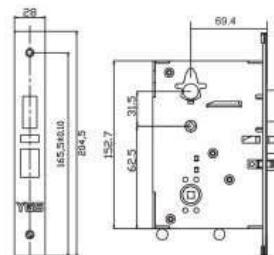
The aluminium profile is highly anti-rust after the sandblasting oxidation treatment.

The color is durable for at least 10 years. With the lock edge grinded with CNC treatment, the edge is straight and clear.

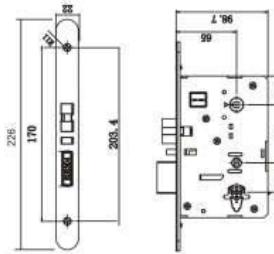


MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



The IMD plates can be customized in many different colors, includes gradient color.

You could order a stylish and modern color that appeals to the modern hotel environment.



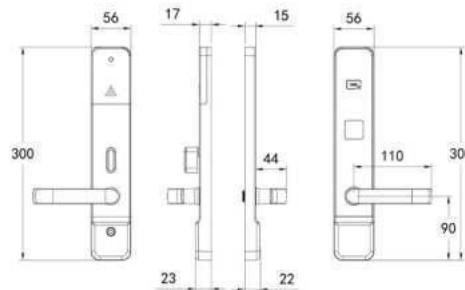
Underneath IMD plate, there is an iron plate with electrophoretic coating treatment.

Its rigidity is much higher than normal zinc alloy or aluminium alloy.



YGS9960 Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplate made of Aluminum alloy. This slim design immensely reduce workload and mistake in a degree.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- The reader and battery box are installed on the mortise inside, simplify the lock installation.
- Uses 4 standard AAA batteries.

TECHNICAL PARAMETERS

Material: Aluminum /Zinc alloy +arcrylic
Finish: Adopt power spraying technology
Power supply:4 AAA alkaline batteries
Battery life: Over 15000 times
Static current : $\leq 40\mu\text{A}$
Dynamic current : $< 150\text{ mA}$
Storage temperature : $-20 - + 65^\circ\text{C}$
Storage humidity : 10-95% RH
Working temperature : $-25 - + 65^\circ\text{C}$
Working humidity : 10-95% RH
Reading & writing time : $< 0.25\text{ s}$
Date keeping : Over 10 years
Applicable chip : Mifare (13.56Mhz)
Reading & writing way : Non-touched closer induction
Card reading distance : 0-5cm



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock is in the state of misoperation.
Key-like type and key-different type are optional.

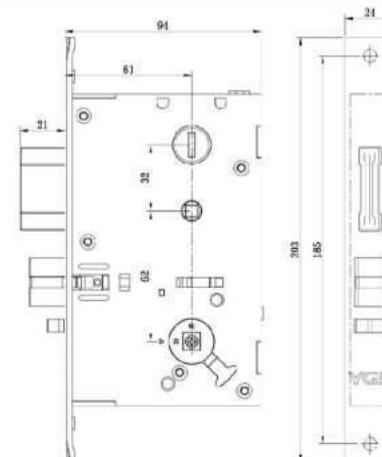


Super thin design with its faceplate width is only 56mm, it combines with aluminum alloy and plexiglass, precision casting integrated one-time molding structure design, strong and durable, strong anti-destructive.



MORTISE

ANSI Standard



(Unit:mm)



The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.



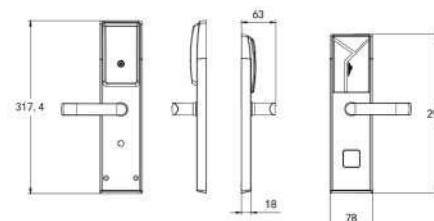
Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



YGS-9962

Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel NO.304. Ideal to replace old locks. It covers the holes of many models of locks on the market.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

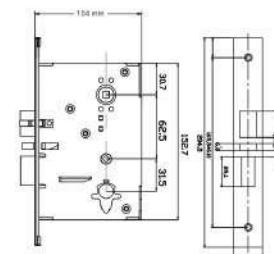
TECHNICAL PARAMETERS

Material: Stainless steel
 Finish: Stainless steel brushed/gold
 Power supply: 4 AA alkaline batteries
 Battery life: Over 15000 cycles
 Static current : < 20 uA
 Dynamic current : <150 mA
 Storage temperature : -25~ +58
 Storage humidity : 15-90% RH
 Working temperature : -25~ +58
 Working humidity : 15-90% RH
 Card reading distance : 0-5cm
 Reading & writing time : <0.25s
 Date keeping : Over 10 years
 Applicable chip : Mifare 1 (13.56Mhz)

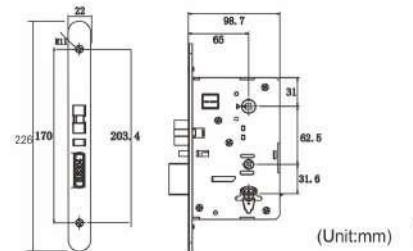


MORTISE

ANSI Standard



ANSI Thin



Confirmation indicator light that illuminates when any action is made on the lock.



The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.



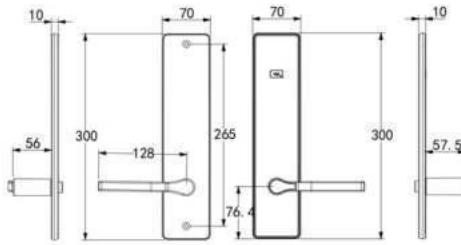
Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



YGS9959

Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplate made of Aluminum alloy. This slim design immensely reduce workload and mistake in a degree.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- The reader and battery box are installed on the mortise inside, simplify the lock installation.
- Uses 4 standard AAA batteries.

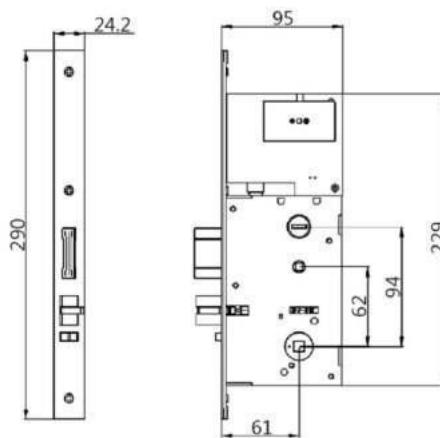
TECHNICAL PARAMETERS

Material: Aluminum alloy + acrylic
 Finish: Oxidation
 Power supply: 4 AAA alkaline batteries
 Battery life: Over 15000 times
 Static current : $\leq 40\mu\text{A}$
 Dynamic current : $< 150\text{ mA}$
 Storage temperature : $-20 - + 65^\circ\text{C}$
 Storage humidity : 10-95% RH
 Working temperature : $-25 - + 65^\circ\text{C}$
 Working humidity : 10-95% RH
 Reading & writing time : $< 0.25\text{ s}$
 Date keeping : Over 10 years
 Applicable chip : Mifare (13.56Mhz)
 Reading & writing way : Non-touched closer induction
 Card reading distance : 0-5cm



MORTISE

ANSI Standard



(Unit:mm)

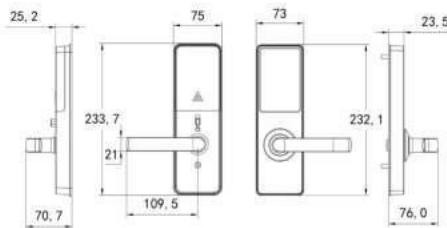


Interior anti-panic latch. It retracts automatically when the door is opened from the inside.



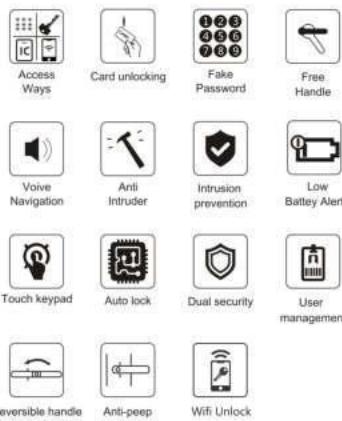
YGS-6679 Residential lock series

This model is compatible with types of access mode: fingerprint, password, card, APP, mechanical key etc, ensuring the highest security and convenience to your home.



FEATURES

Material	Aluminium alloy+zinc alloy
Mortise	50/50 mortise or tubular latch
Door thickness	30-100mm
Power	6V (Alkaline AA batteries X4)
Low battery power	4.8±0.2V
Battery life	10000 cycles
Emergency power supply	USB
Operating temperature	-20°C~65°C
Operating humidity	20-90%
Fingerprint sensor	Semiconductor
Mechanical key	2pcs
Door direction	Universal



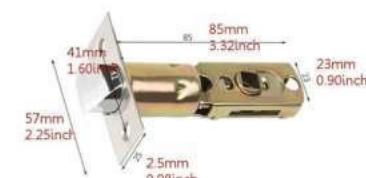
Customized Handle



Customized access way option:
 1.Fingerprint+password+card+key
 2.Card+password+key
 3.Card + key (hotel lock version)
 4.Mobile phone app



MORTISE



(Unit:mm)



Electronic deadbolt is available for privacy protection.
 After turning on this deadbolt, all electronic keys are unavailable, only turning mechanical key can open the door.

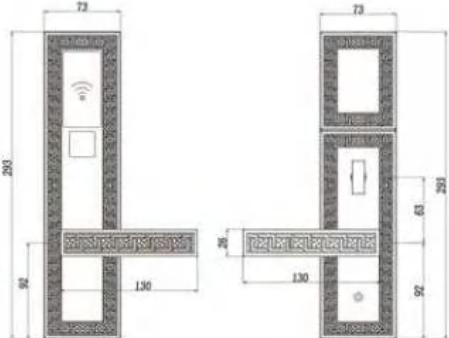


1.Black powder costing with nano coating treatment board protection enables to work against the rainy or other aggressive, IP X4 waterproof grade
 2.Bluetooth app function option

YGS9917

Hotel Electronic lock Series

YGS9917 design was inspired by traditional Chinese architecture. The faceplate lines, handle, and knob etc, every lock detail increases your building with traditional Chinese style substantially.



FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

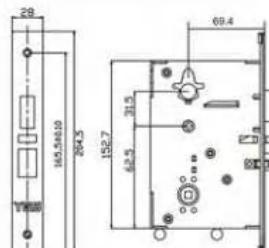
TECHNICAL PARAMETERS

Material: zinc alloy
 Finish: antique brass
 Power supply: 4 AA alkaline batteries
 Battery life: Over 15000 cycles
 Static current : < 20 μ A
 Dynamic current : <150 mA
 Storage temperature : -25- + 58°C
 Storage humidity : 15-90% RH
 Working temperature : -25- + 58°C
 Working humidity : 15-90% RH
 Card reading distance : 0-5cm
 Reading & writing time : <0.25s
 Date keeping : Over 10 years
 Applicable chip : Mifare 1 (13.56MHz)

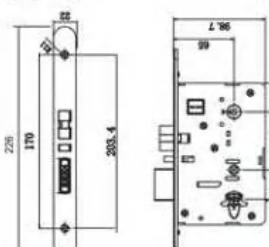


MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



Confirmation indicator light
that illuminates when any
action is made on the lock.



Interior anti-panic latch.
It retracts automatically
when the door is opened
from the inside.



If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.
 This signal is given months before the battery needs to be replaced.



FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- ANSI **high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up to **1000 events** including openings with emergency keys.
- **Software** available in several languages. Standalone mode or centralized database.
- Mechanical **emergency lock**
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.



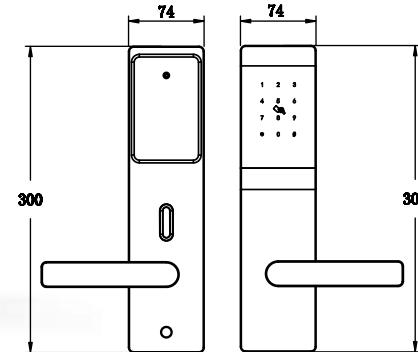
The lock faceplate thickness is less than 11mm, makes the whole product ultra thin and full of technology sense.



Together with the password+card online control function, it is an ideal solution for your airbnb smart lock solution.

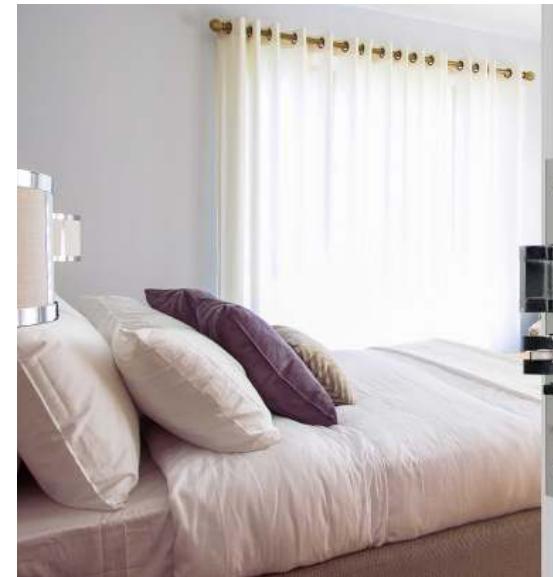
YGS9955BS-TH Hotel Electronic lock Series

Distinctive elegance with fancy LED effect endows the whole hotel with modern sense. Three well-chosen colors cater to different decoration style of different hotels.



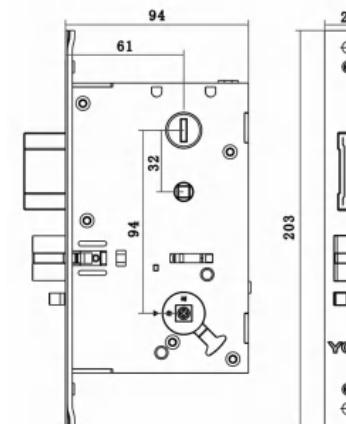
TECHNICAL PARAMETERS

Material: Aluminium alloy & acrylic;
Finish: Adopt sandblasting oxidation and painting technology
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58°C
Storage humidity : 15-90% RH
Working temperature : -25- + 58°C
Working humidity : 15-90% RH
Card reading distance : 0-2cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare (13.56Mhz)



MORTISE

ANSI



(Unit:mm)



The lock surface is treated by sandblasting oxidation. In long-term daily use, the lock color stays the same and in good condition for at least 10 years.

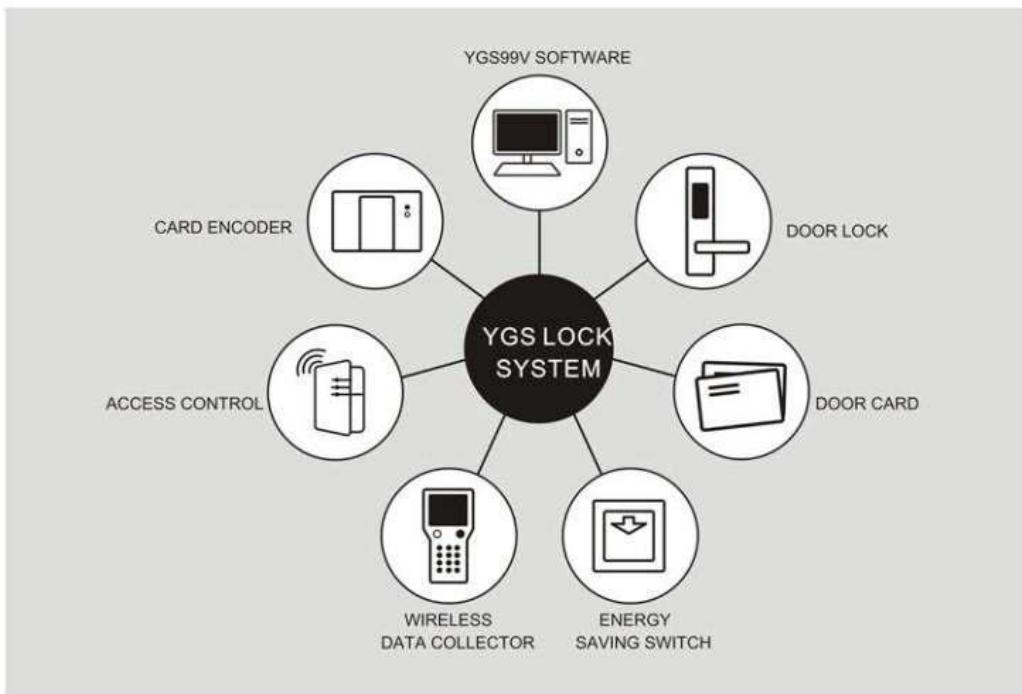


The lock edge and faceplate are all grinded by CNC technology, the edge is very straight and clear.



Confirmation indicator light that illuminates when any action is made on the lock.

SYSTEM COMPOSITION



- Software is compatible with all Windows operation systems.
- 100% compatible with most PMS (Fidelio, Opera, Prestige, etc)
- 10 Software languages: English, Turkish, Russian, Spanish, Portuguese, Arabic, French.
- Secure MSSQL enables multiple database access and stable information transmission.
- More than 20 different check-in points can share one database smoothly.
- Hostel Solution: for shared use of rooms by different guests, with independent access key.
- Motel Solution: limiting the access by hours.
- Unique customer code for each hotel.
- All-in-one-card solution: access to hotel gate, sauna room, parking lot, fitness room, restaurant etc with the room card.
- Supports up to 8 sections for grouping system locks.
- Easy your hotel lock management: multi-user license, housekeeping management, group check-in, Intelligent shortcut key, auto-database backup, LED lock status indication, card lost reporting, operation reports updated every day.....

CARD ENCODER

YGS encoder is a vital component of all access control systems, transmitting information and commands to/from a keycard. Each system is configured to suit the unique requirements of a property.

■ Features:

Connects directly to PC via USB, no drive installation
Supports MIFARE (ISO 14443A) credentials
Encodes a variety of RFID credentials, such as keycards, fobs, wristbands, etc
Used in conjunction with YGS99V Intelligent lock software.



■ Specifications

Dimensions: 160(L)X101(W) X 26(H)mm
Part #: YGS M157 series
Connectivity: to PC via USB
Card Style: Mifare Mini, 1K, and 4K

ENERGY SAVING SWITCH

We have 6 different types of energy saving switches: no verification, verify card type, verify system encryption code, verify encryption code and room number, verify encryption code and check-in time, verify room number and check-in time. Hotels can choose one of them according to different requirements.

■ Features:

Share same card of door lock to save energy;
Blue LED light displays the switch status;
Inflaming PC material with ivory high class color;
15 seconds time delay avoids the hurry of check-out.



■ Specifications

Dimensions: 86 (L)X86(W) X 35(H)mm
Working voltage: 190-240VAC
Max Current: ≤30A
Card Style: Mifare one Card

WIRELESS DATA COLLECTOR

▪ User-friendly menu

The interface is user-friendly based on mobile phone operation system. Operators get to know all operations after one or two times learning.

▪ Setting functions

Room number installation
Lock date/time Synchronization
Room check in/out remotely

▪ Inquiry functions

Read data of the lock (date, room number etc)
Read data of the card (ID, card type, special function etc)
Read audit trail (1000 events)

▪ Password protection

Similar to your phone lock, correct password is required when opening the programmer.



▪ USB standard plug

Plug-and-play design, no need additional drive installation.

ELEVATOR CONTROLLER

YGS elevator controller enhances security level for the hotel, by authorizing access only to those valid keycards. With their room cards at hand, hotel customers can use the elevator to go to their own floor.

▪ Features

2 delivery ways: automatic delivery and press-button delivery;
3 control modes: uncontrolled mode, floor control, floor & time control;
Access control to certain floors can be cancelled during specific periods;
Over 2000 entries record;

▪ Specifications

Dimensions (reader diameter): 85 mm
Working voltage: 12VDC
Current: 1000mA
Card Style: Mifare one Card
Detecting distance: 10~50mm



ACCESS CONTROLLER

YGS access controller is the best option to provide access to common areas, such as parking, meeting rooms, employee areas, or to control the night access of guests to the hotel.

▪ Features:

Classic design makes recognition easy and immediately.
Share same card of door lock to access common areas.
Work with electric drop bolt or electric magnetic lock.
1000 audit trail.
Vandal-proof version is optional
Compatible with all thin door, glass door, metal door.



▪ Specifications

Dimensions: 125 (L)X75(W) X 22(H)mm
Working voltage: 12VDC
Current: 100mA
Card Style: Mifare one Card
Detecting distance: 0~50mm

RFID EXIT DEVICE

By installing an Exit Device on your emergency exit, you maintain full access control from the outside, as well as an easy and safe escape in case of an emergency. The emergency exit can be easily opened simply by pushing the push bar.

The exit device is suitable for wooden, metal and glass doors. It is supplied in a RIM version for horizontal installation with latch on the side of the door and in a ROD version for vertical installation with latch on top and bottom of the door.





YGS6001H-1



- Spring loaded door
- Fashionable and harmonious design
- Industry-leading audit trail system
- ADA compliant telephone-style keypad
- Revolutionary locking system with double deadbolt mechanism

-
- YGS6001H-1: 420*300*190
 - YGS6001H-2: 420*360*190
 - YGS5001H-1: 230*170*170
 - YGS5001H-2: 350*250*250

YGS6001Q-1



- Illuminated blue keypad. Spring loaded door
- Integrative solid steel bolt hinges for maximum security and durability
- Easy mechanical key override in case safe fail
- Door-body integrated design for minimum crack between door and body

-
- YGS6001Q-1: 420*300*190
 - YGS6001Q-2: 420*360*190
 - YGS5001Q-1: 230*170*170
 - YGS5001Q-2: 350*250*250

YGS6001L-1



- Serviced by handheld service unit
- Back wall or bottom wall fixing optional
- Inside light for guest convenience
- Easy mechanical key override in case safe fail
- Laptop compatible up to 15" (for model with 360mm width)

-
- YGS6001L-1: 420*300*190
 - YGS6001L-2: 420*360*190
 - YGS5001L-1: 310*200*200
 - YGS5001L-2: 350*250*250



YGS1500B-1

- Lift up faceplate to open
- Three ways to open:
 - user password (3-6 digits)
 - hotel master password
 - unlock via key
- Revolutionary locking system with double deadbolt mechanism.

-
- YGS1500B-1: 380*290*150
 - YGS1500B-2: 380*350*150



Smart-24E



红外延长线



红外延长线拓展模块



窗帘电机拓展模块



4路/32路调光拓展模块



取电开关 (干节点/485)



温控器 (485)



灯光开关 (干节点/485)



有线门磁 (干节点)



门锁芯片485模块
(蓝牙mesh)



门锁芯片 (蓝牙
mesh)

Smart-24E 安装辅材



UK接线端子



线槽



波纹管



35mm电器导轨



电工绝缘胶布



套管式绝缘端子



尼龙扎带



标签机



水晶头 (4P/6P/8P)



网线钳

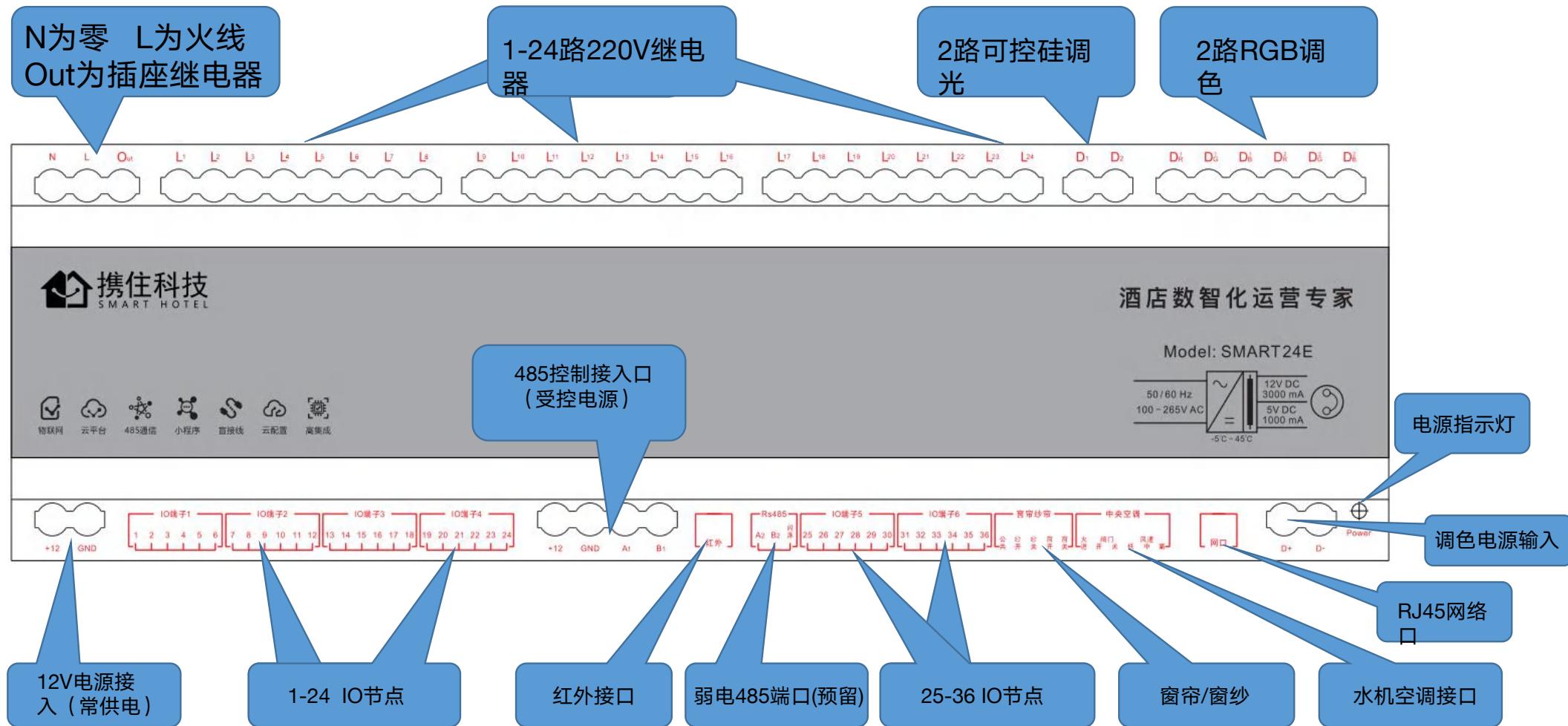


寻线器

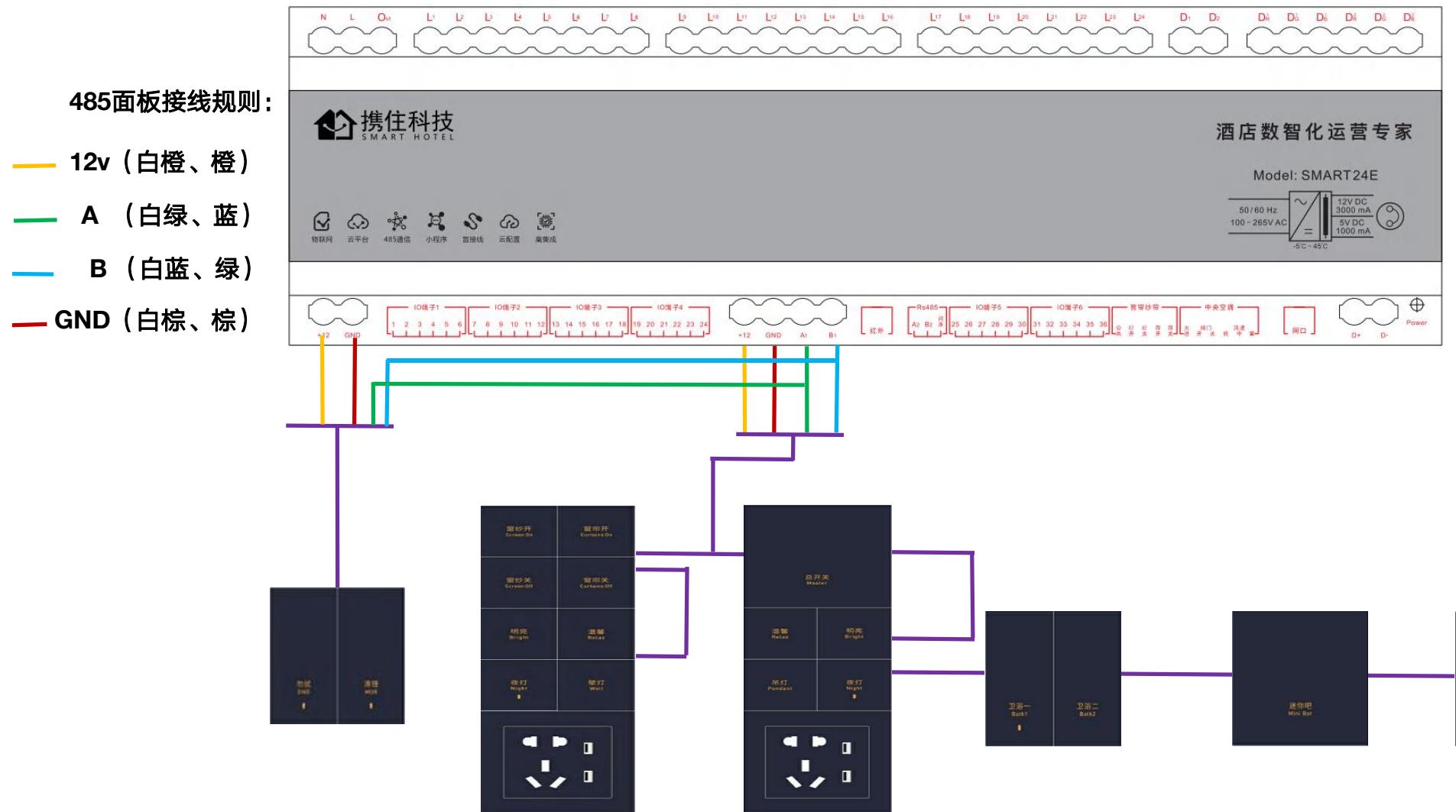


压线钳

Smart-24E 主机介绍



二、485开关面板接线示意图



干节点开关面板接线示意图

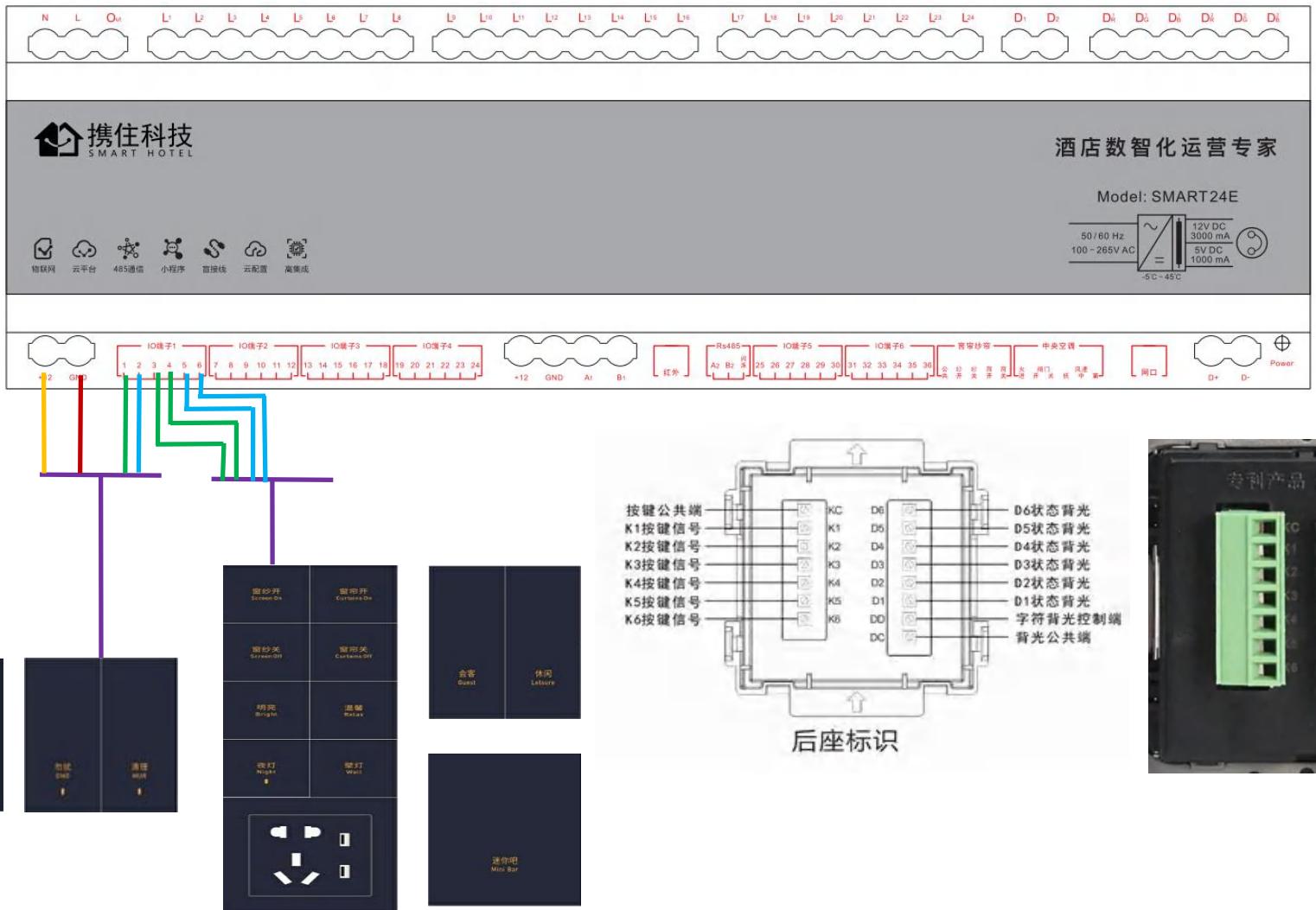
干节点面板接线规则：

— 12v--DC (白橙、橙)

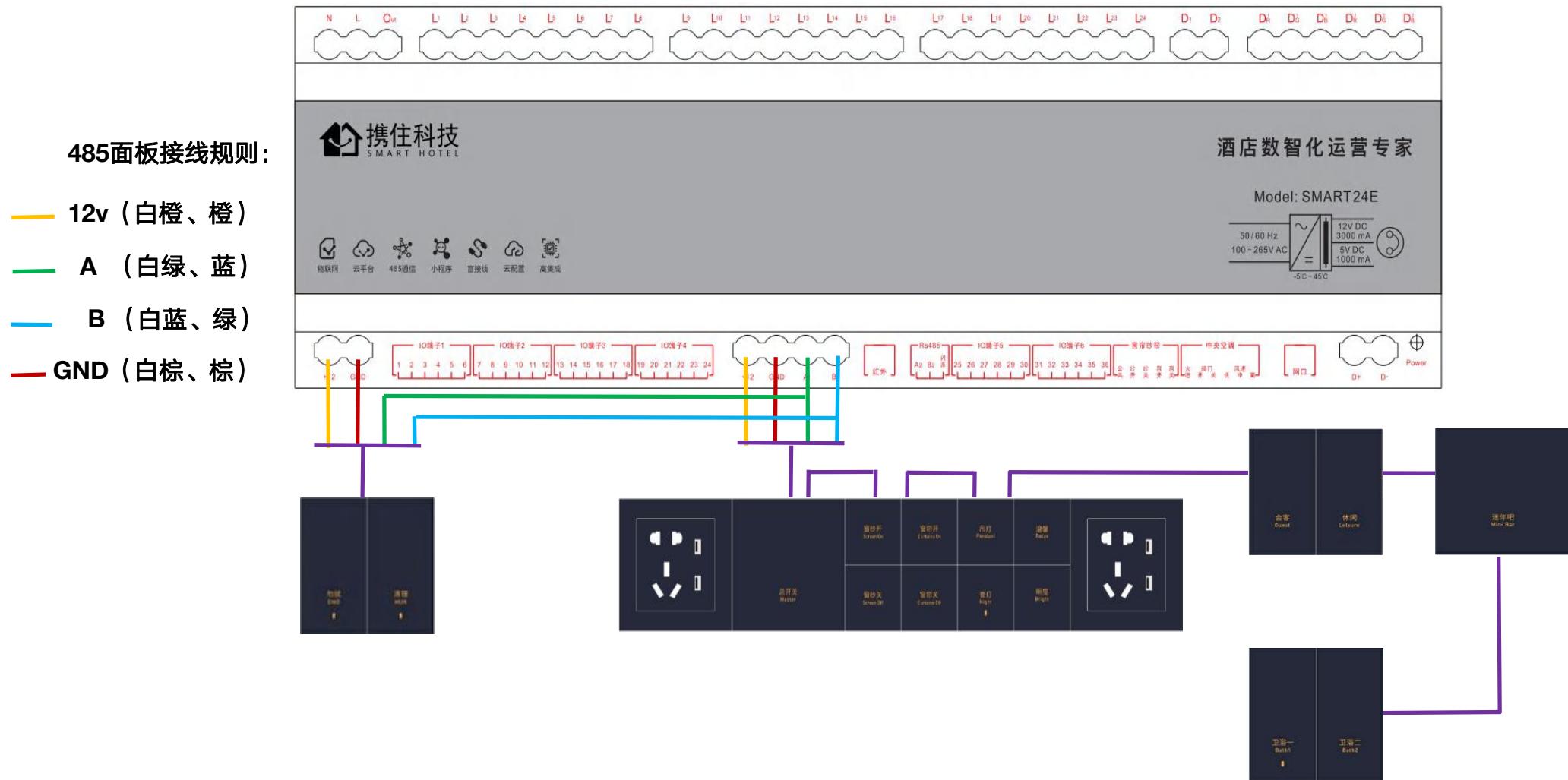
— K1/K2/D1/D2
(白绿、绿)

— K3/K4/D3/D4
(白蓝、蓝)

— GND--DD/KC (白棕、
棕)



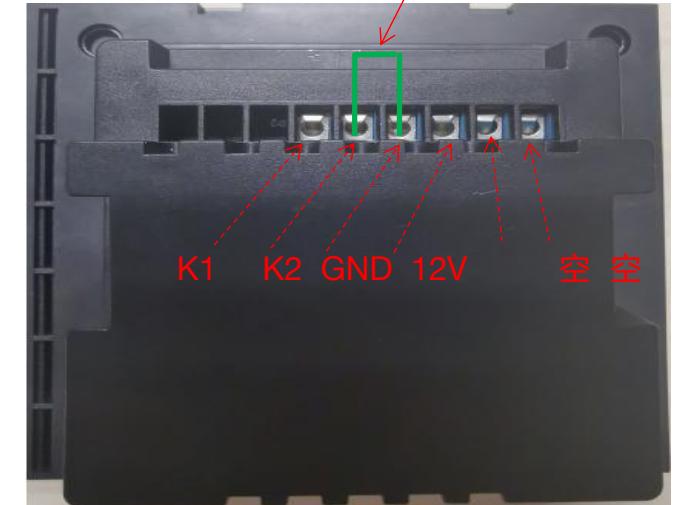
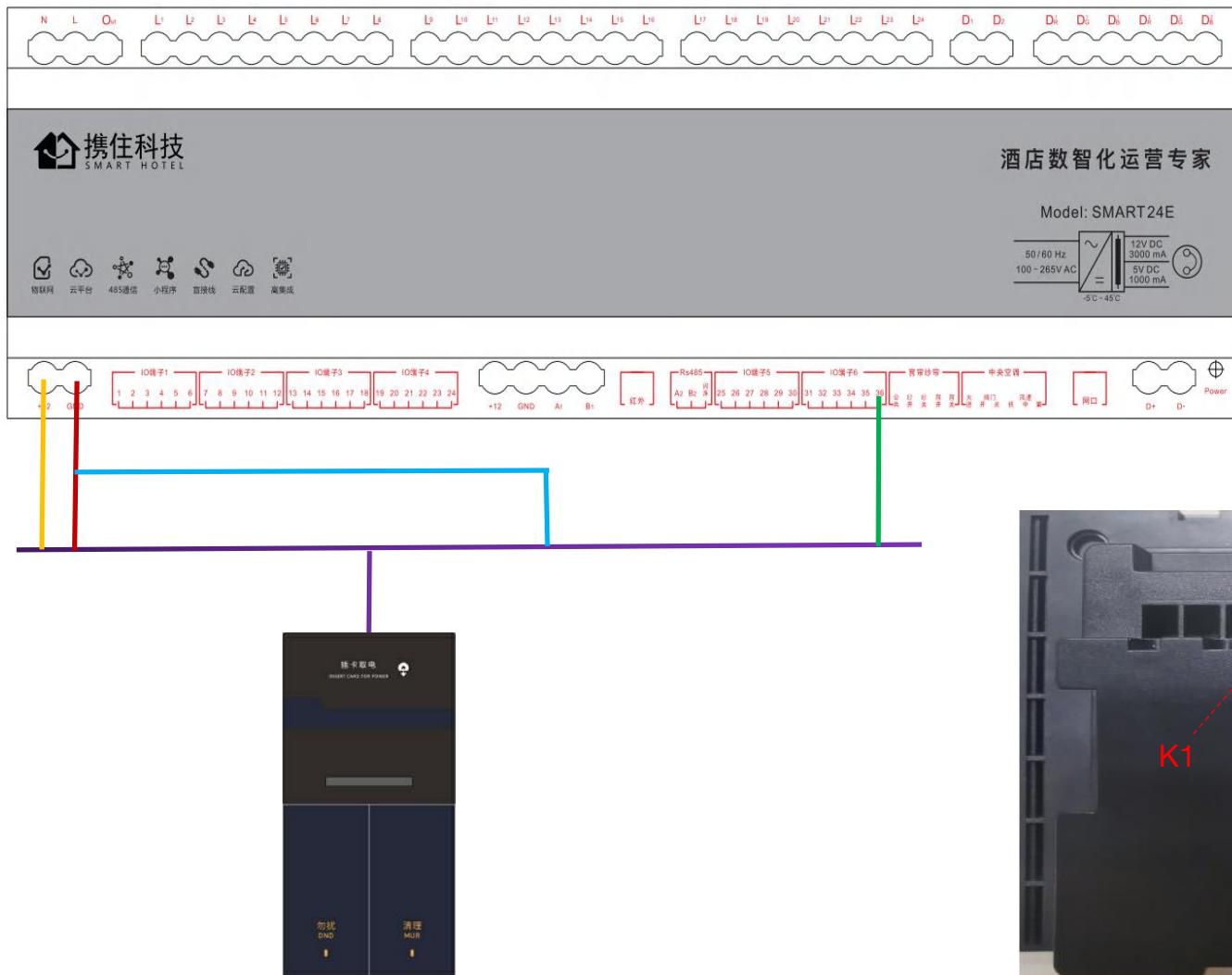
三、485开关面板接线示意图



四、取电开关接法示意图

干节点取电开关接线规则：

- 12v (白橙、橙)
 - K1 (白绿)
 - K2 (蓝)
 - GND (白棕、棕)



485插卡取电接线规则：

- 12v (白橙、橙)
 - A (白绿、蓝)
 - B (白蓝、绿)
 - GND (白棕、棕)



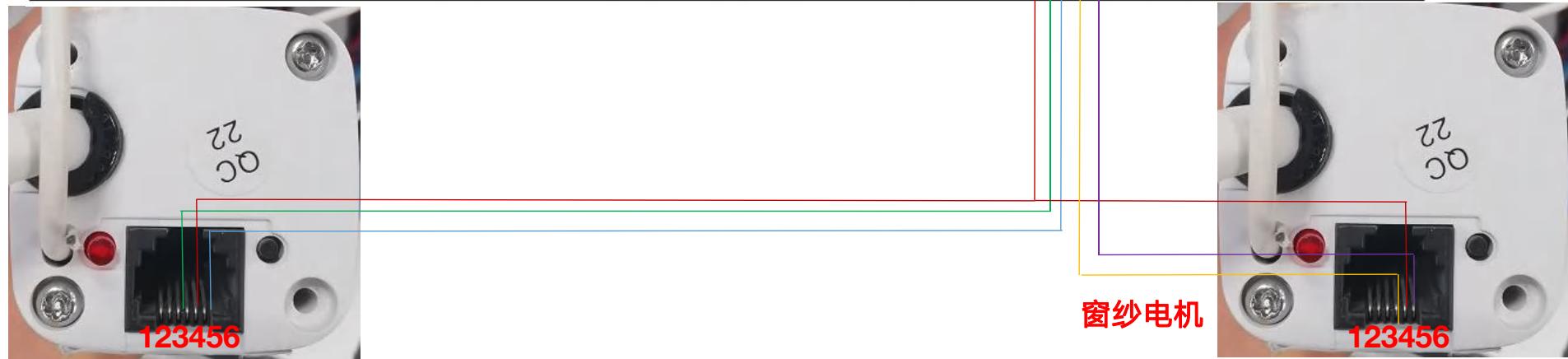
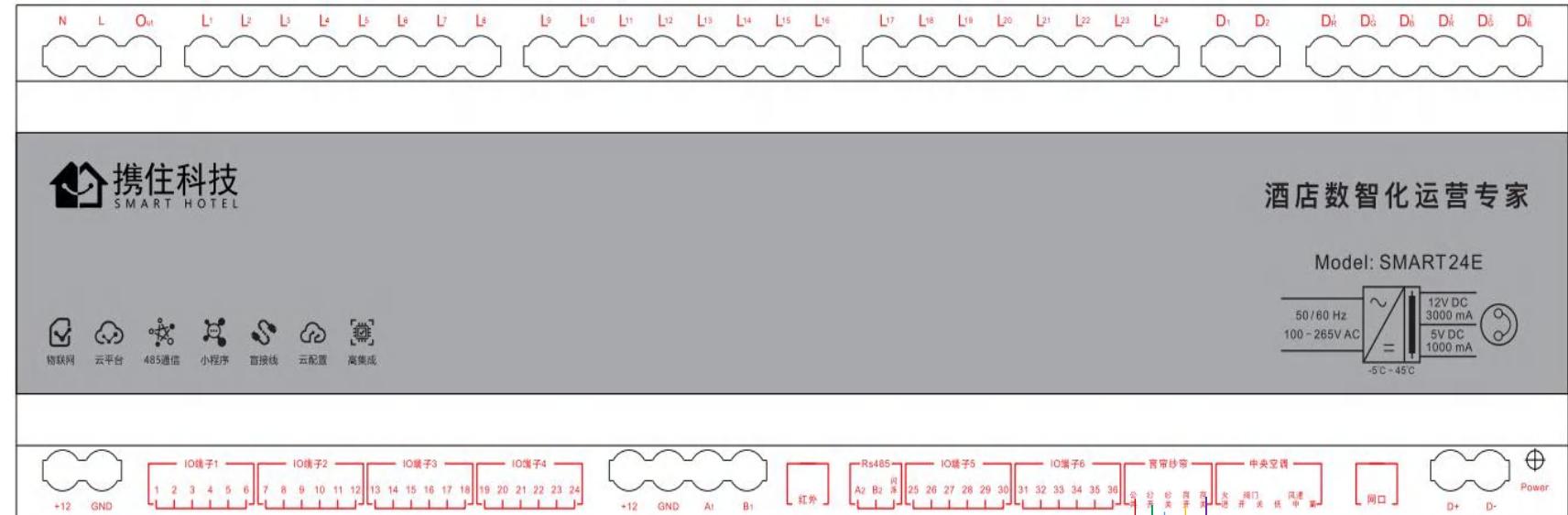
Smart-24E版本最低要求为0239.0064

485插卡取电通过扫描入网

五、窗帘/窗纱接线示意图

4号：开
5号：公共端
6号：关

接电机456 口
(6P6C)



六、温控面板接线示意图

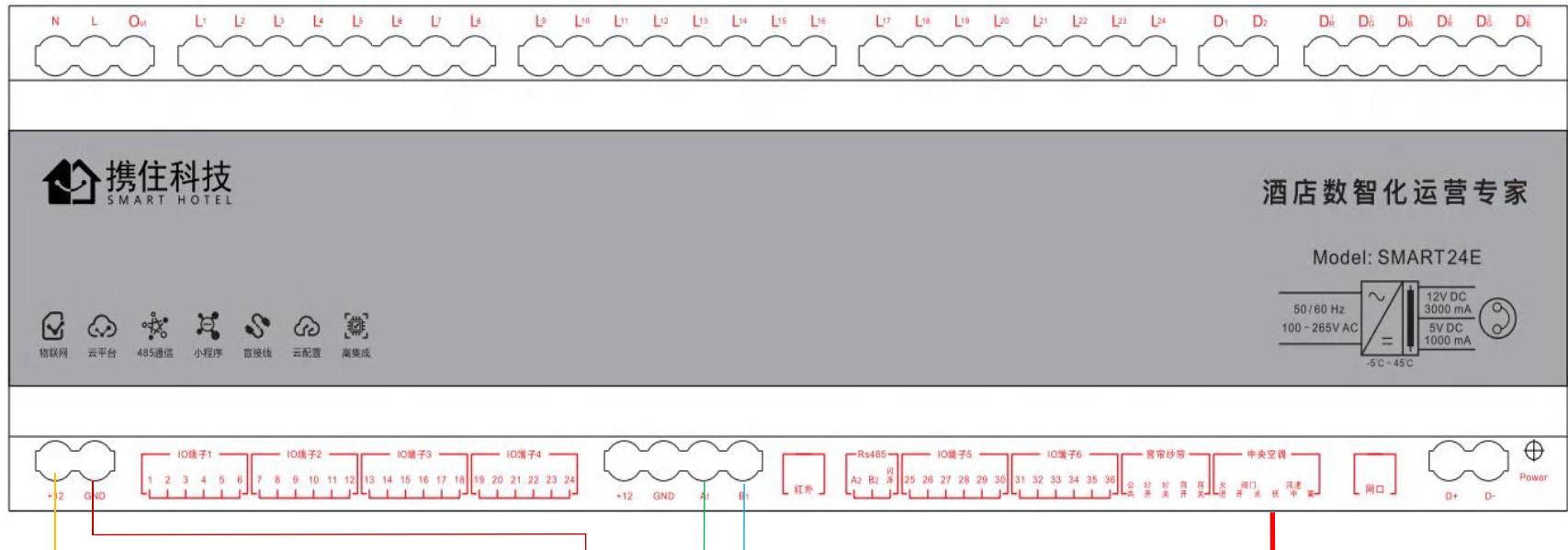
温控面板接线规则：

— 12v (白橙、橙)

— A (白绿、蓝)

— B (白蓝、绿)

— GND (白棕、棕)

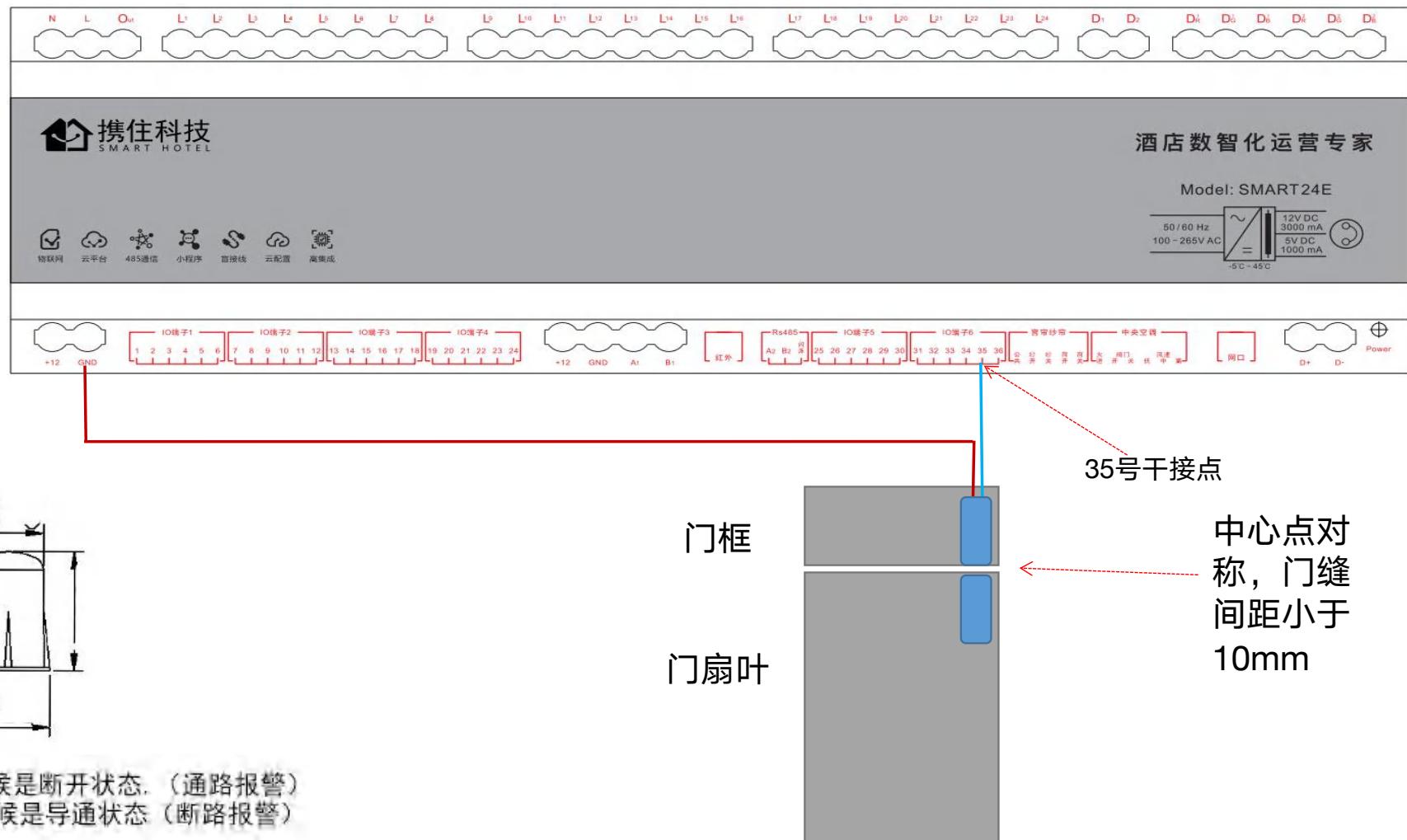


五芯线（火,零,高,中,低）

七、门磁开关接法示意图

门磁接线规则：

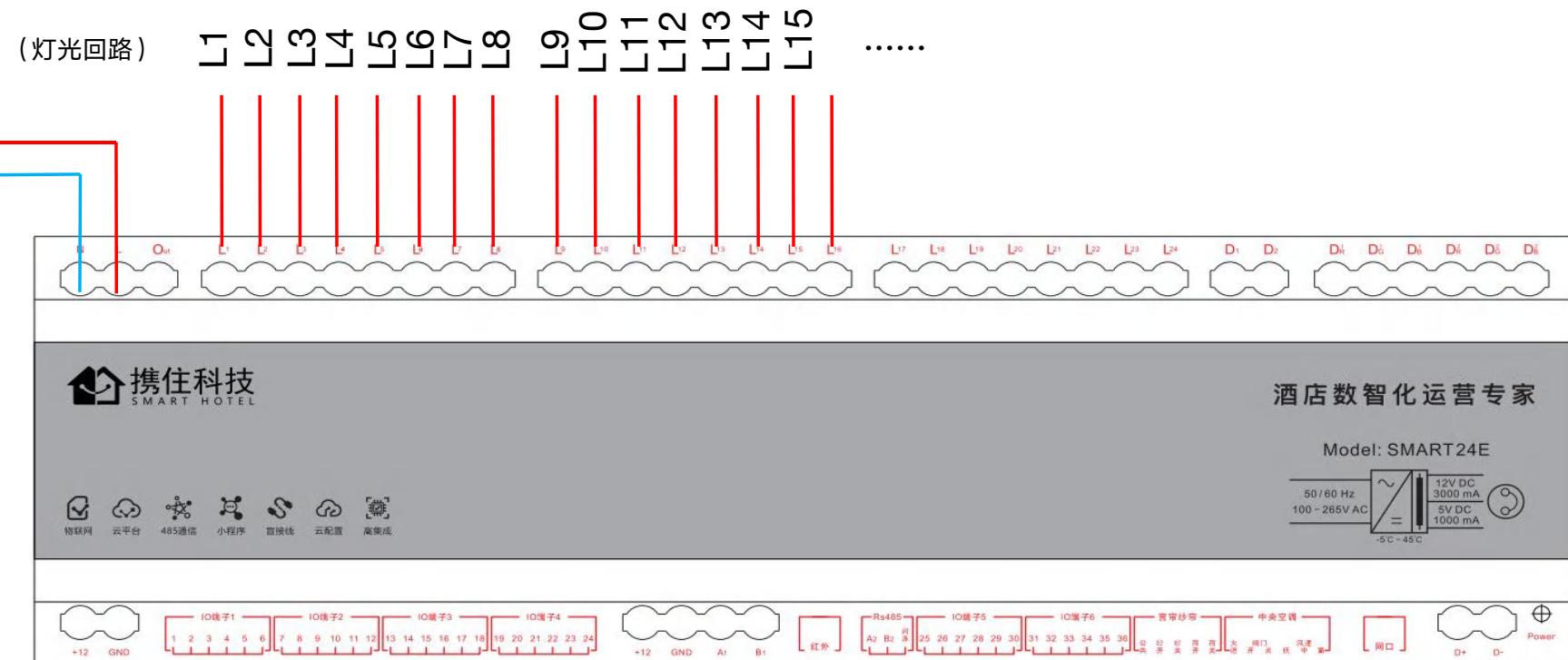
- K1 (白蓝、蓝)
- GND (白棕、棕)



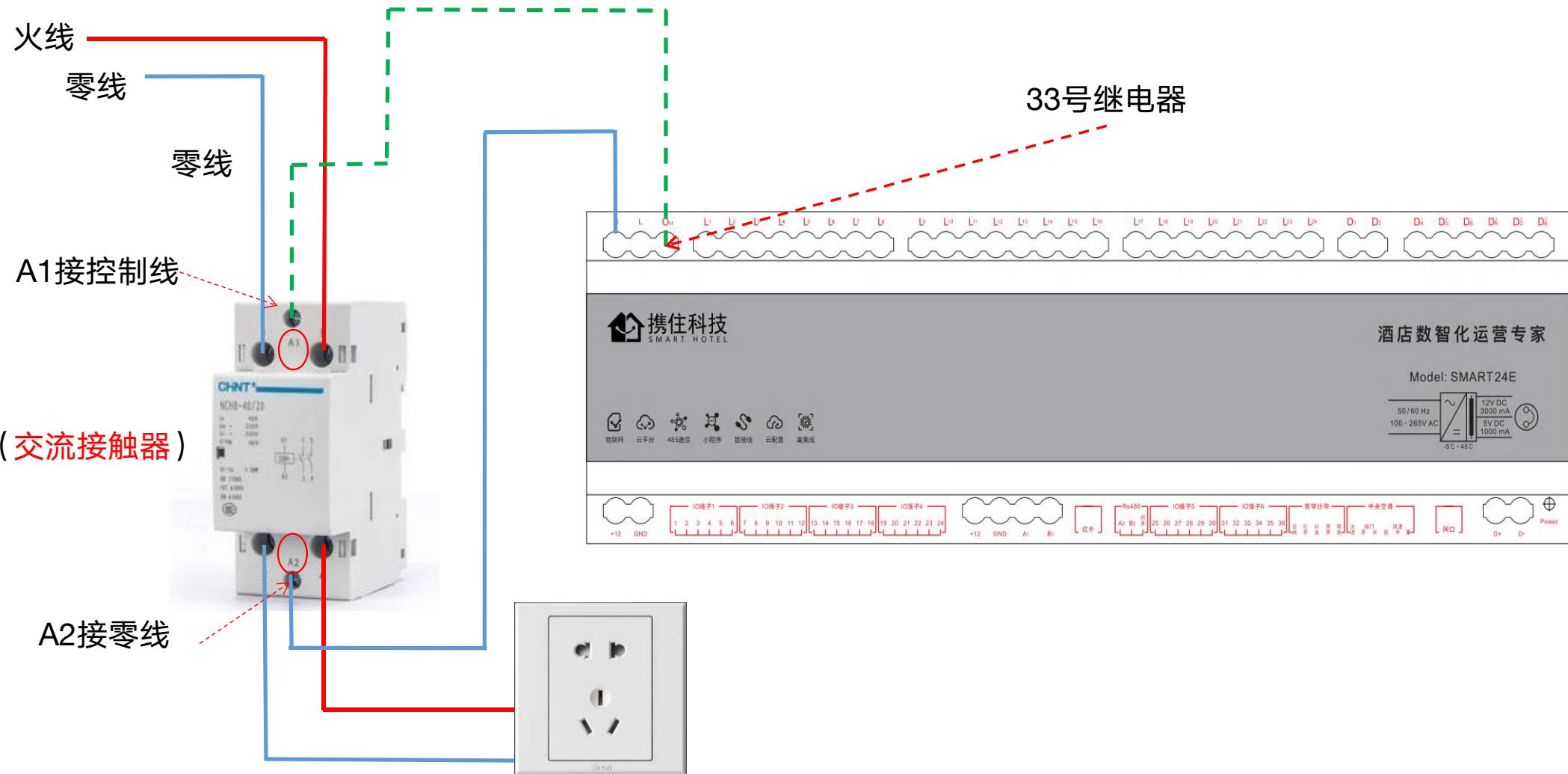
八、灯具回路接线示意图



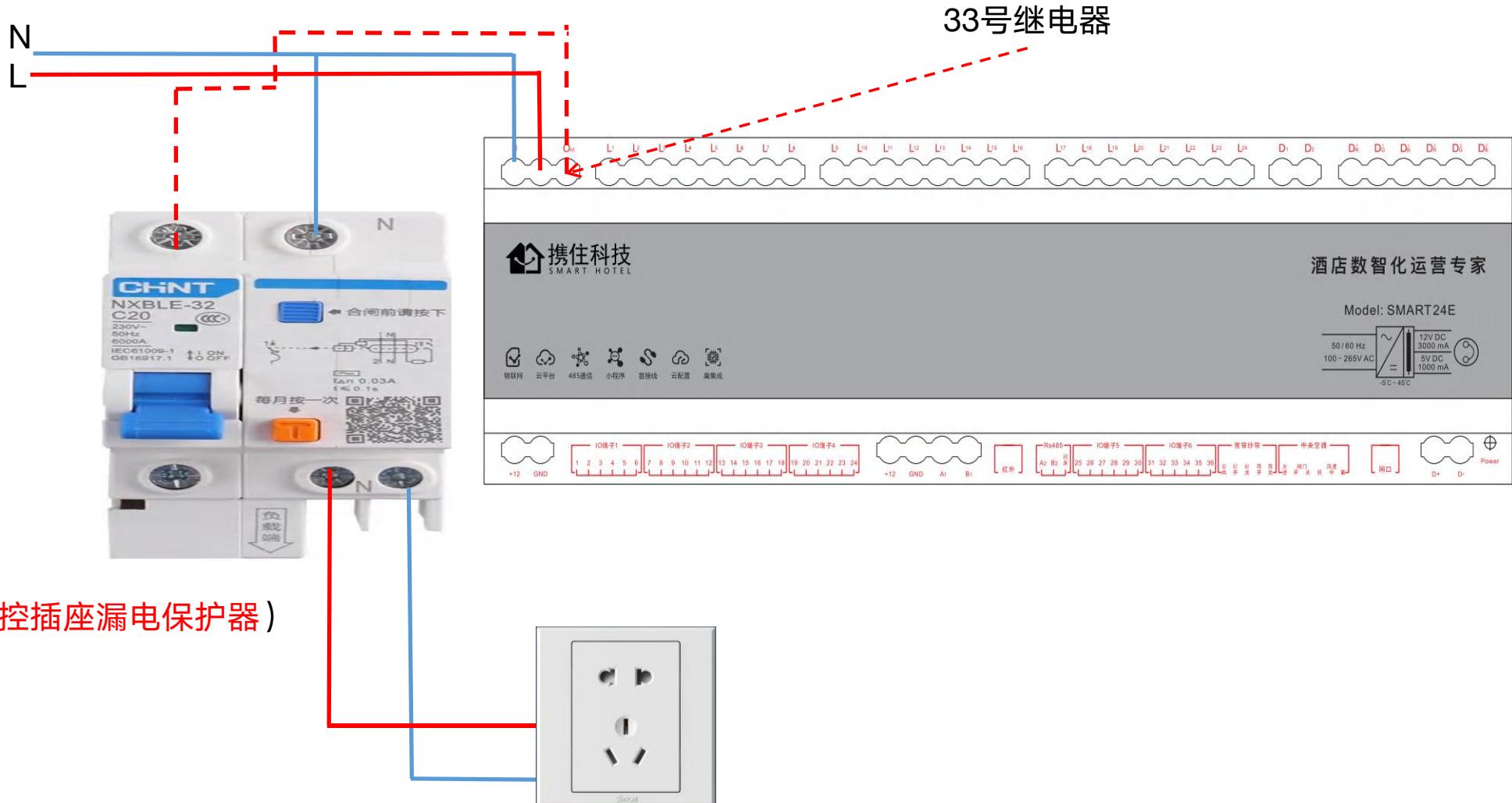
(照明空气开关)



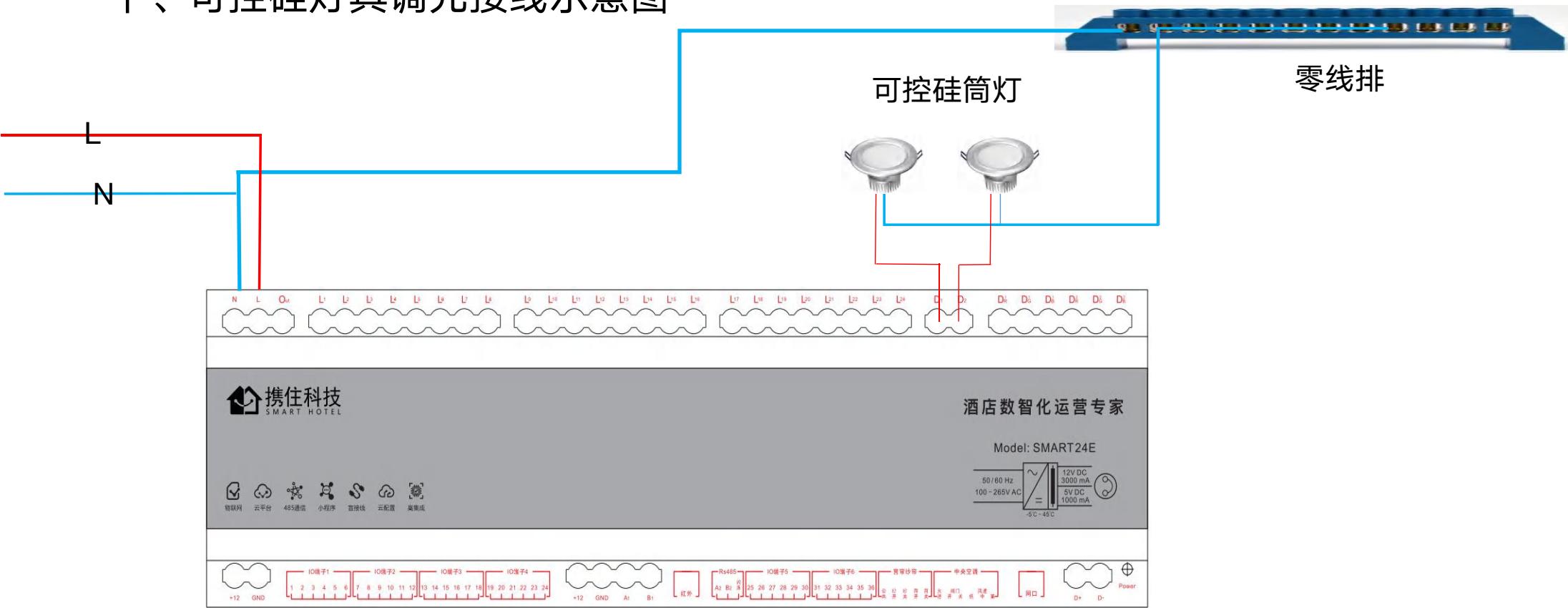
九、受控插座的接线示意图（一）



受控插座的接线示意图 (二)

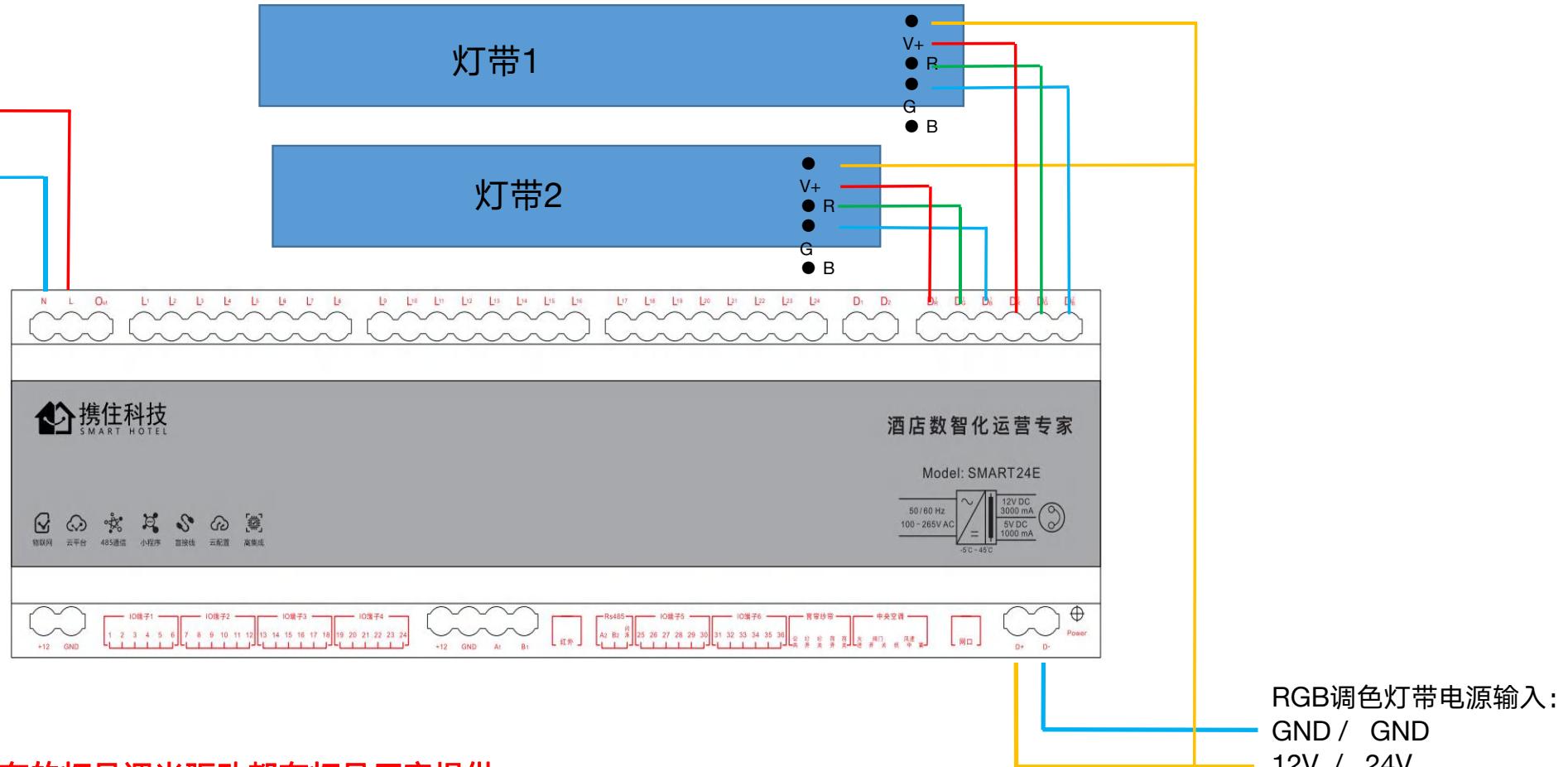


十、可控硅灯具调光接线示意图

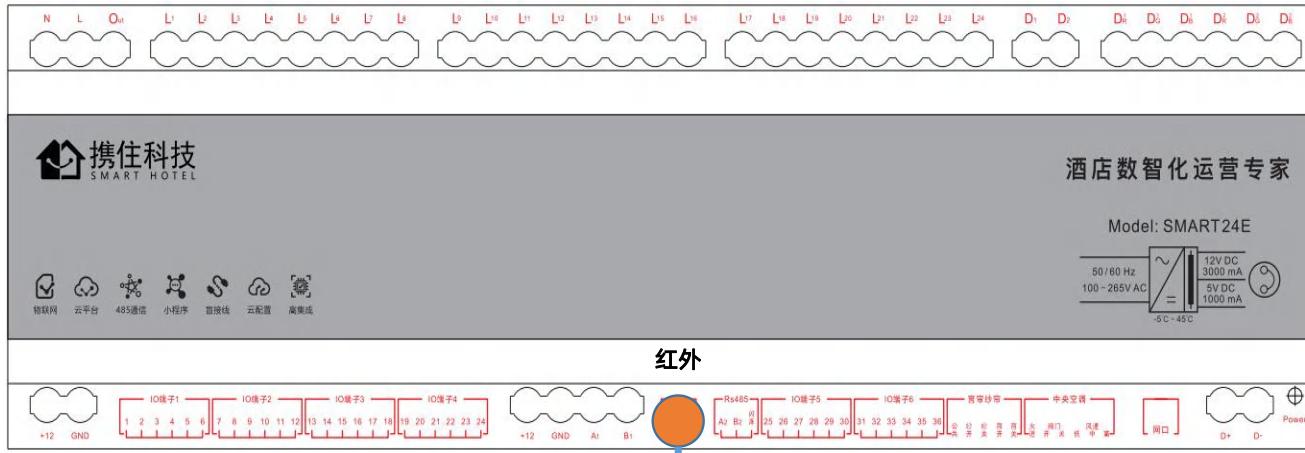


注明：所有的灯具调光驱动都有灯具厂家提供

十一、RGB灯带调色接线示意图



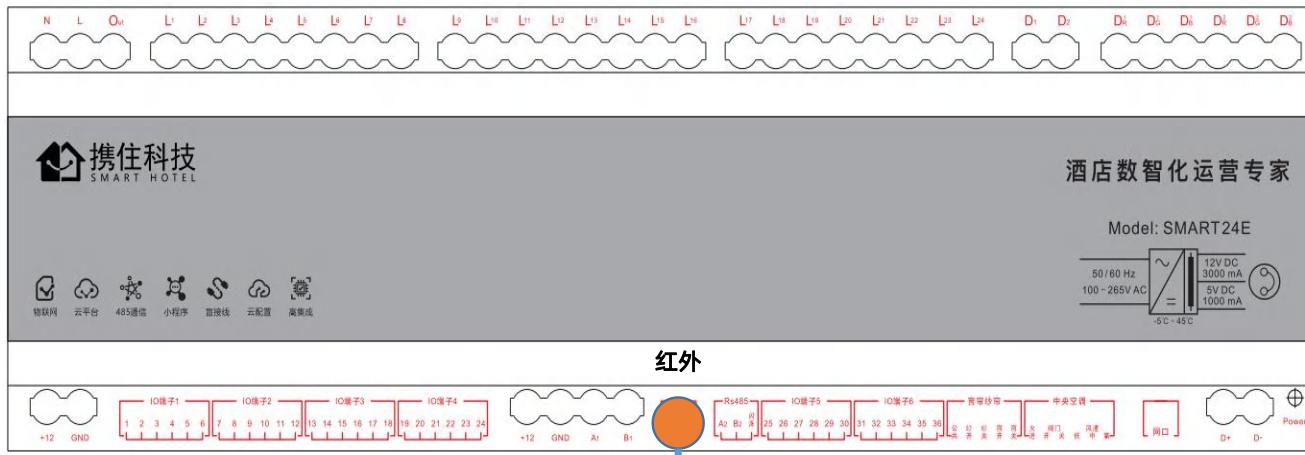
十二、红外延长线接线示意图（一）



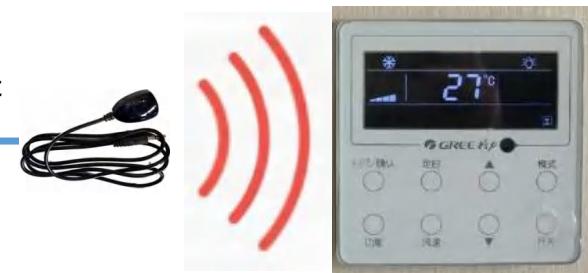
六类网线带屏蔽或四芯屏蔽线到电视机后



红外延长线接线示意图 (二)



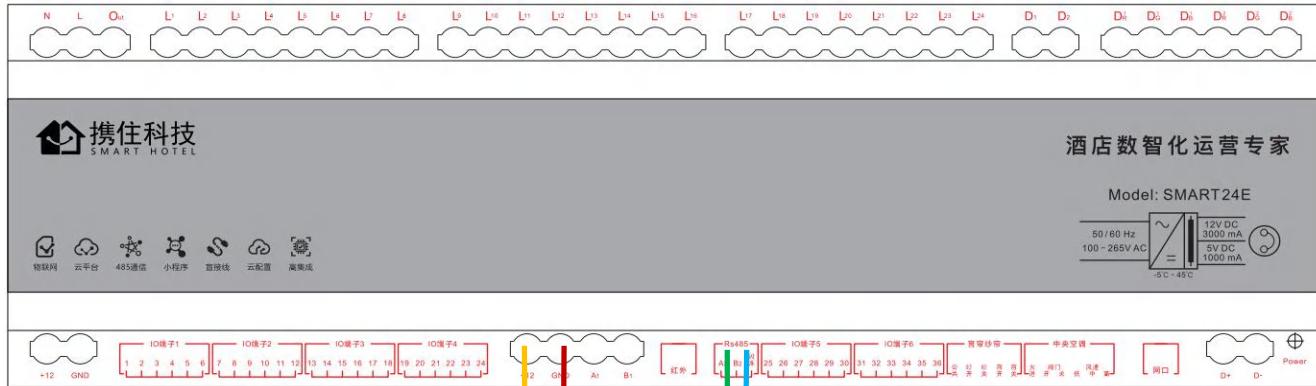
六类网线带屏蔽或四芯屏蔽线到检修口空调原厂面板处



红外485拓展模块接线示意图

接线规则：

- 12v (白橙、橙)
- A (白绿、蓝)
- B (白蓝、绿)
- GND (白棕、棕)



电视1



六类网线带屏蔽或四芯屏蔽线到电视机后

红外485拓展模块

六类网线带屏蔽或四芯屏蔽线到检修口
空调原厂面板处



空调1



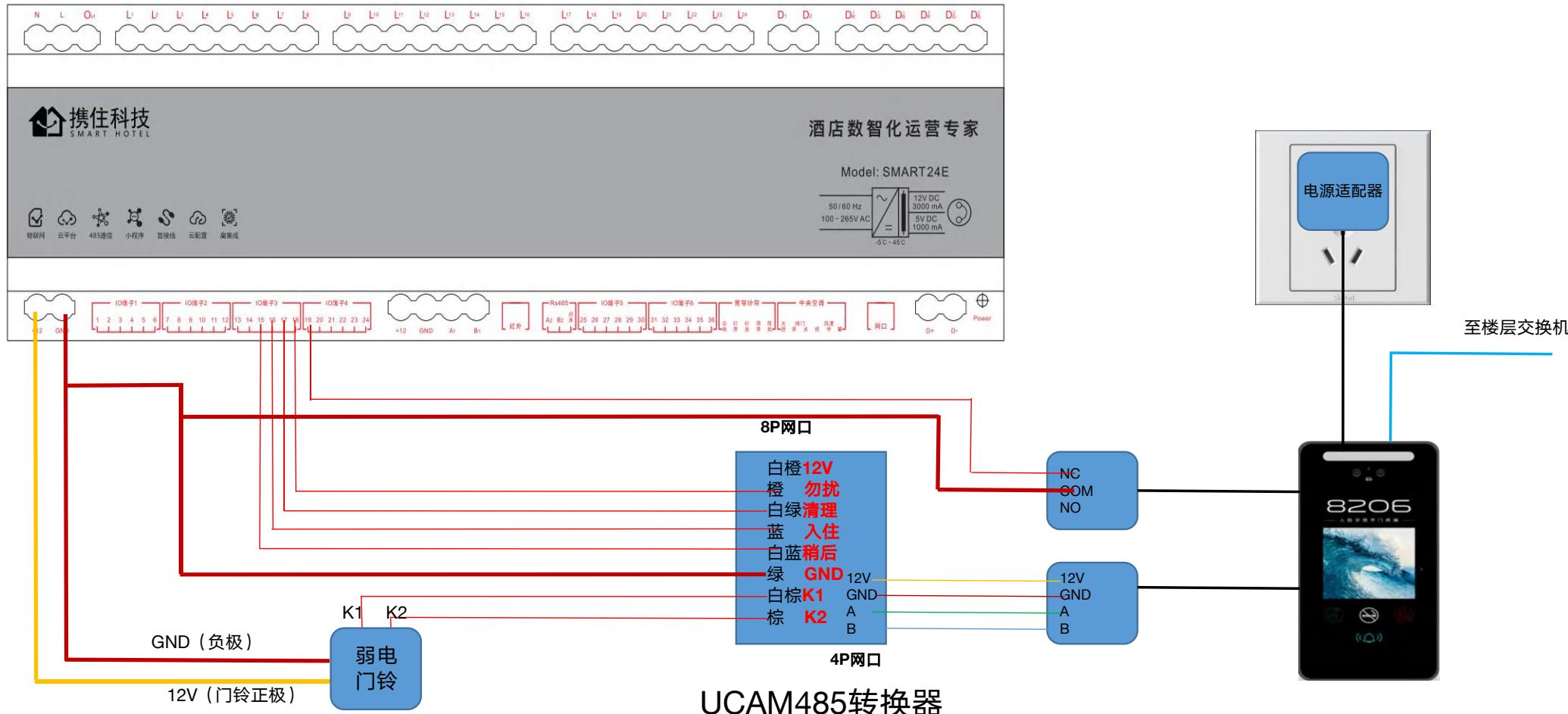
空调2



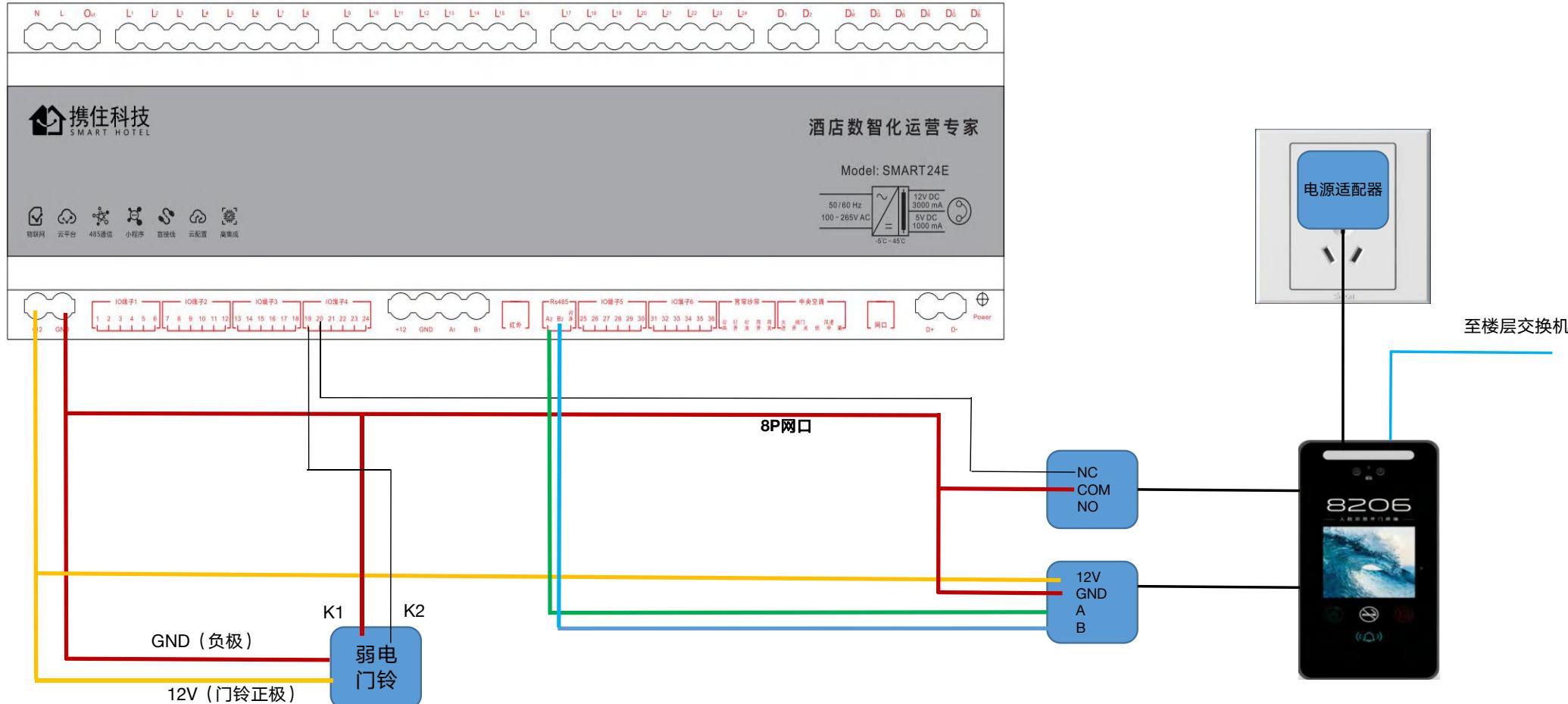
电视2



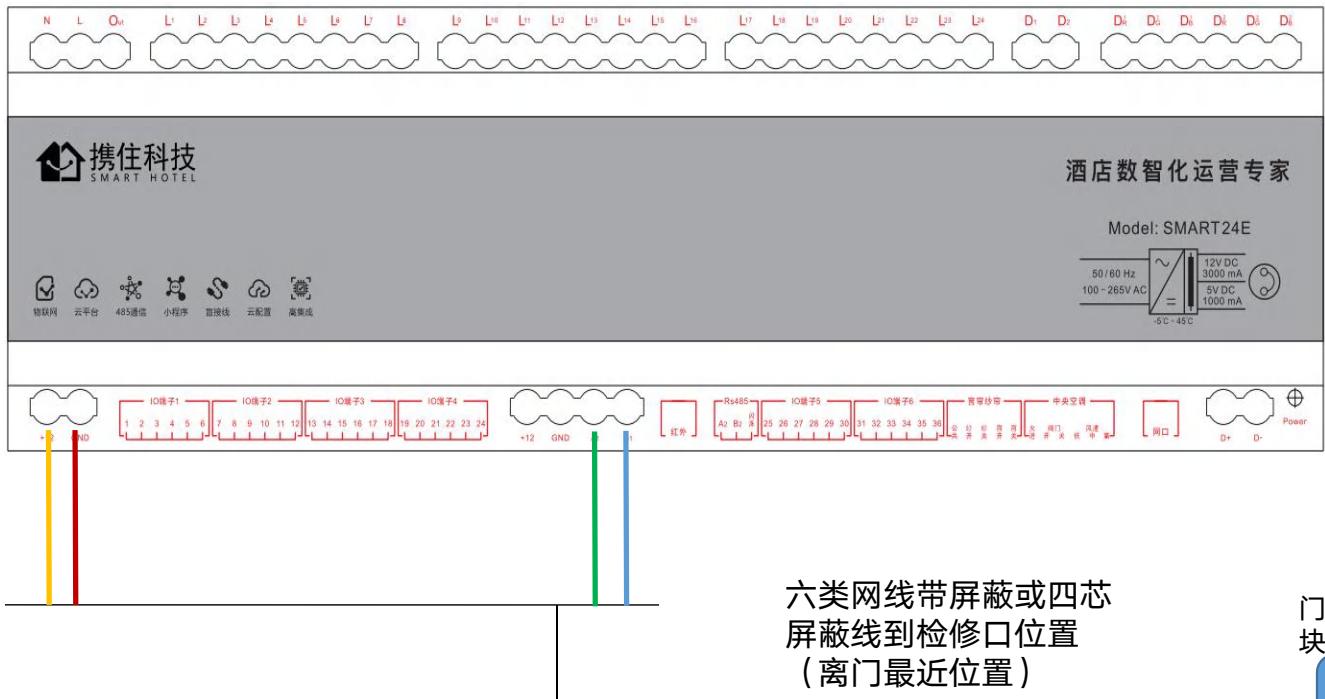
十三、UCAM接线示意图（一 有ucam485转换器）



UCAM接线示意图 (二 没有ucam485转换器)



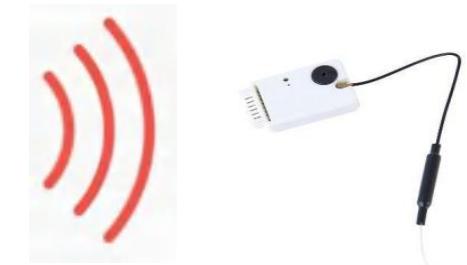
十四、门锁485模块接线示意图



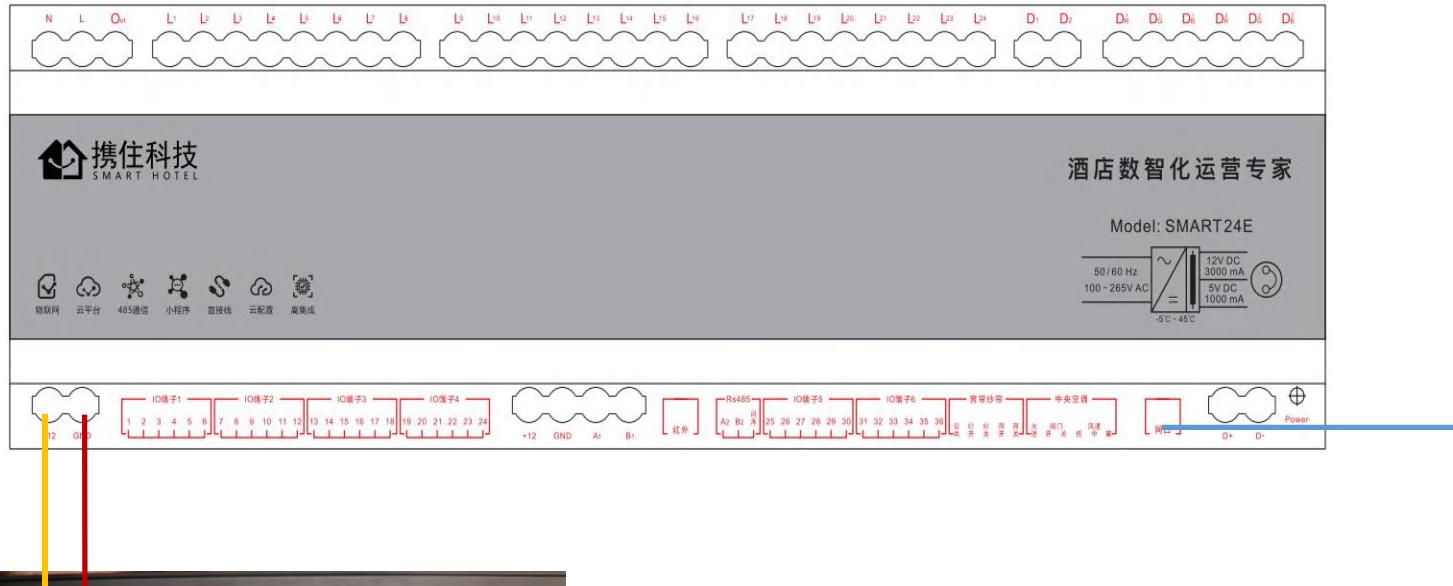
接线规则：

- 12v (白橙、橙)
- A (白绿、蓝)
- B (白蓝、绿)
- GND (白棕、棕)

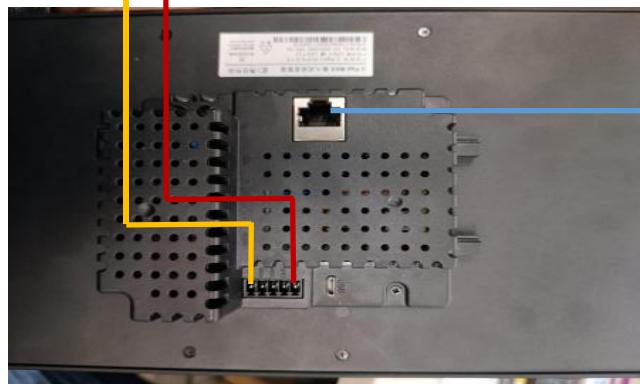
六类网线带屏蔽或四芯
屏蔽线到检修口位置
(离门最近位置)



十五、UPAD纯音箱（弱电电源供电12V）



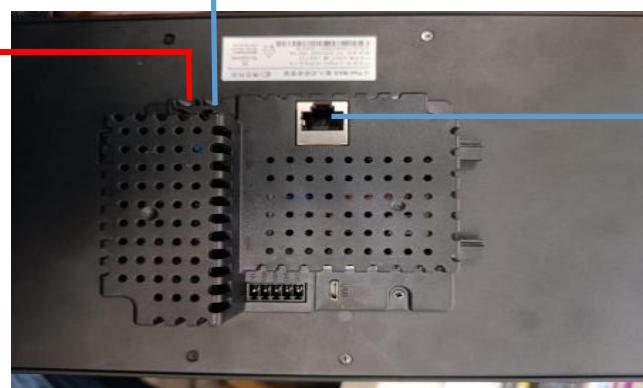
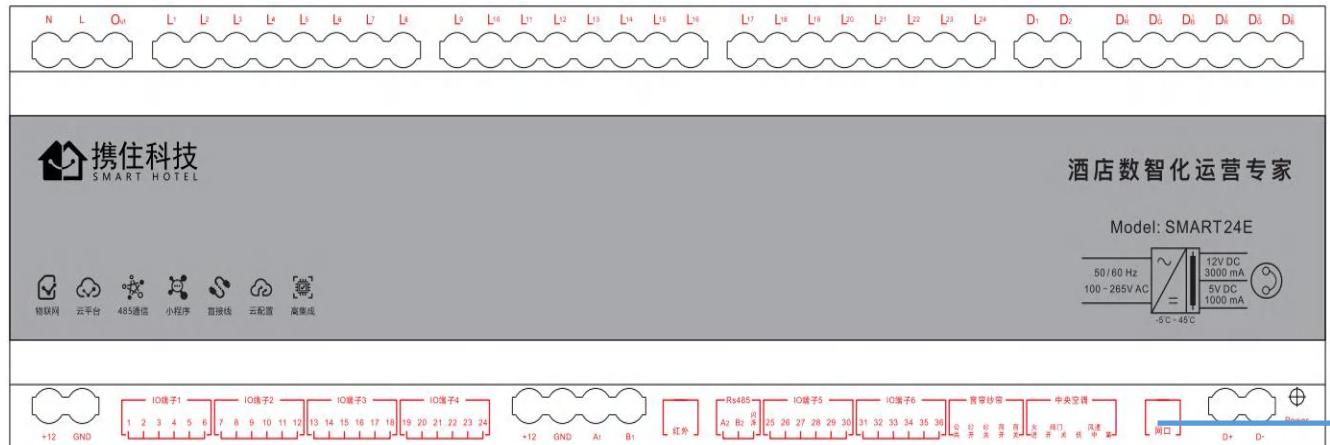
至楼层网络交换机



至楼层网络交换机

UPAD纯音箱（强电电源供电220V）

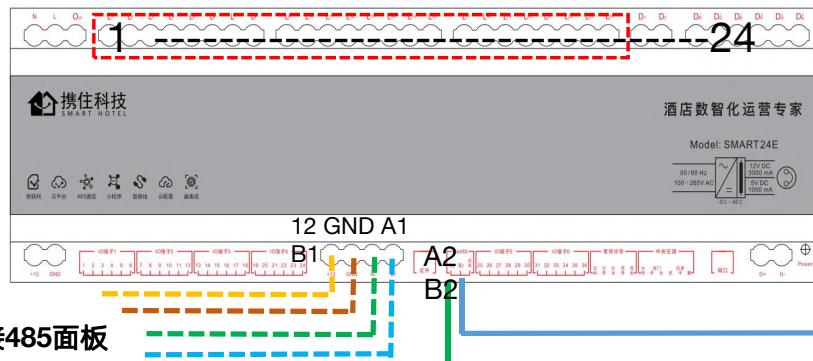
(不间断电源)



至楼层网络交换机

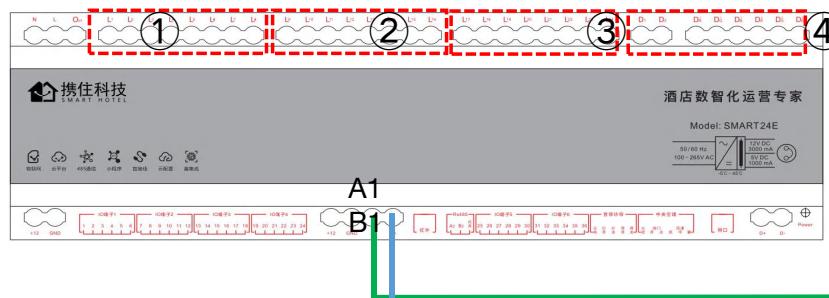
至楼层网络交换机

十六、公区调光 (0-10V调光和220V可控硅调光)

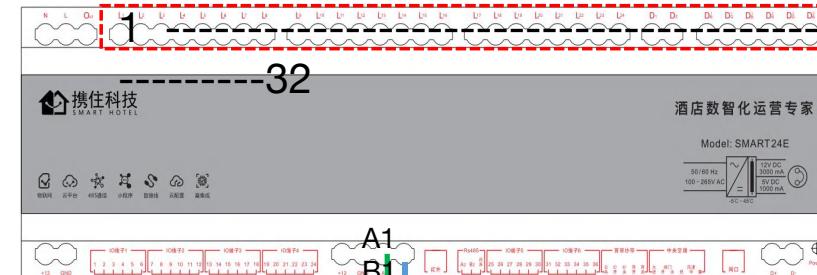


接线规则: Smart-24E主机 (24路常规功率)

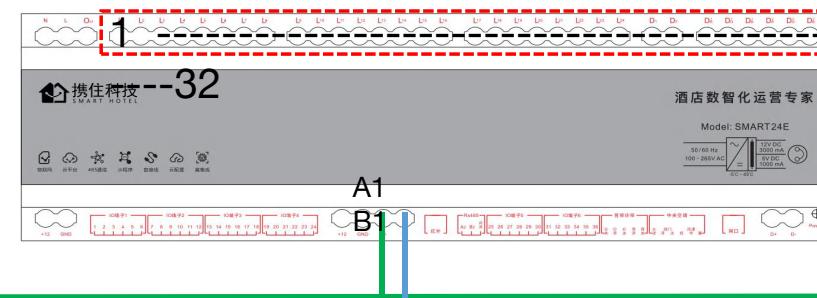
- 12v (白橙、橙)
- A (白绿、蓝)
- B (白蓝、绿)
- GND (白棕、棕)



220V调光模块 (4路大功率)

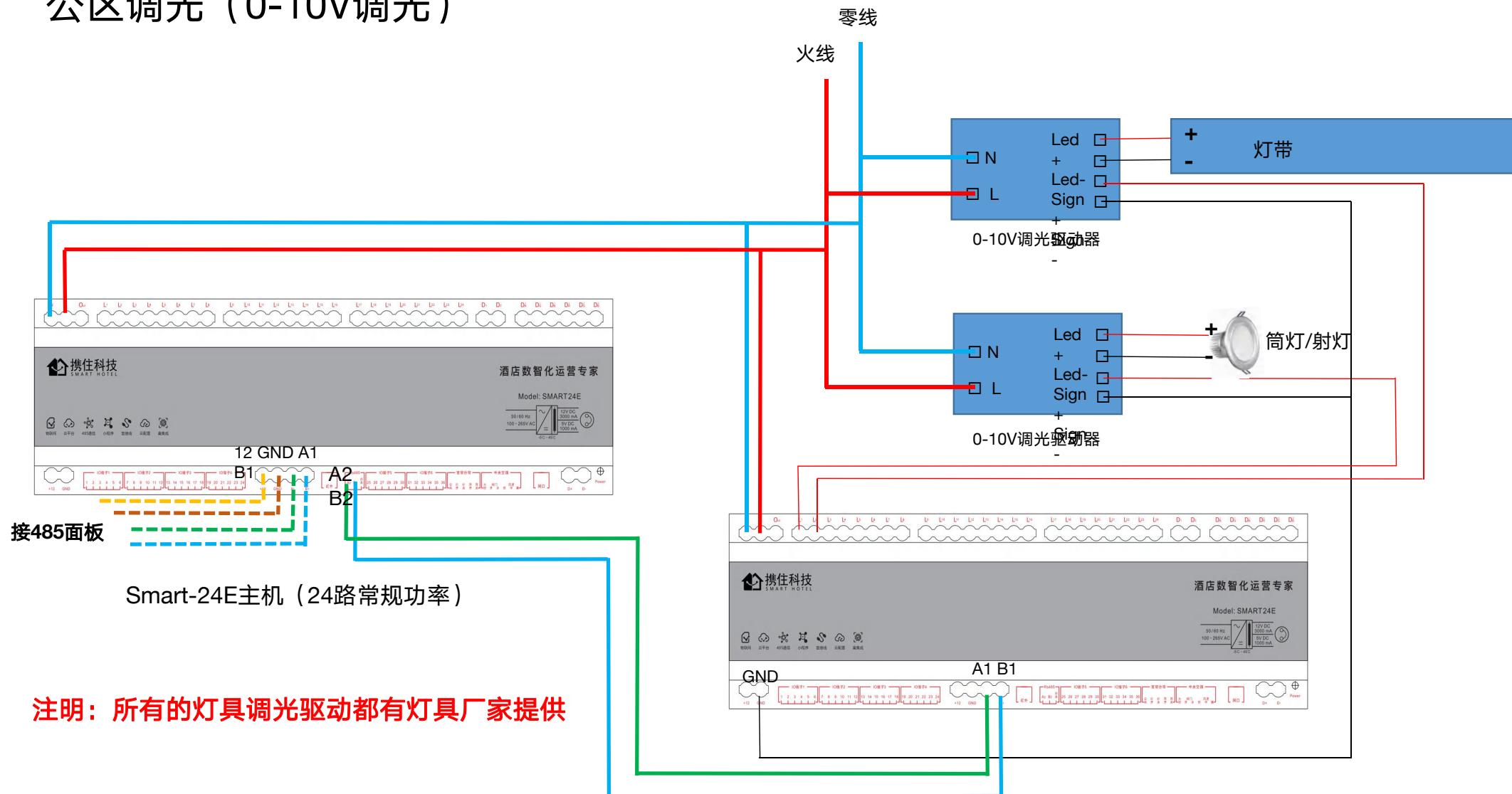


0-10V调光模块 (32路常规功率)

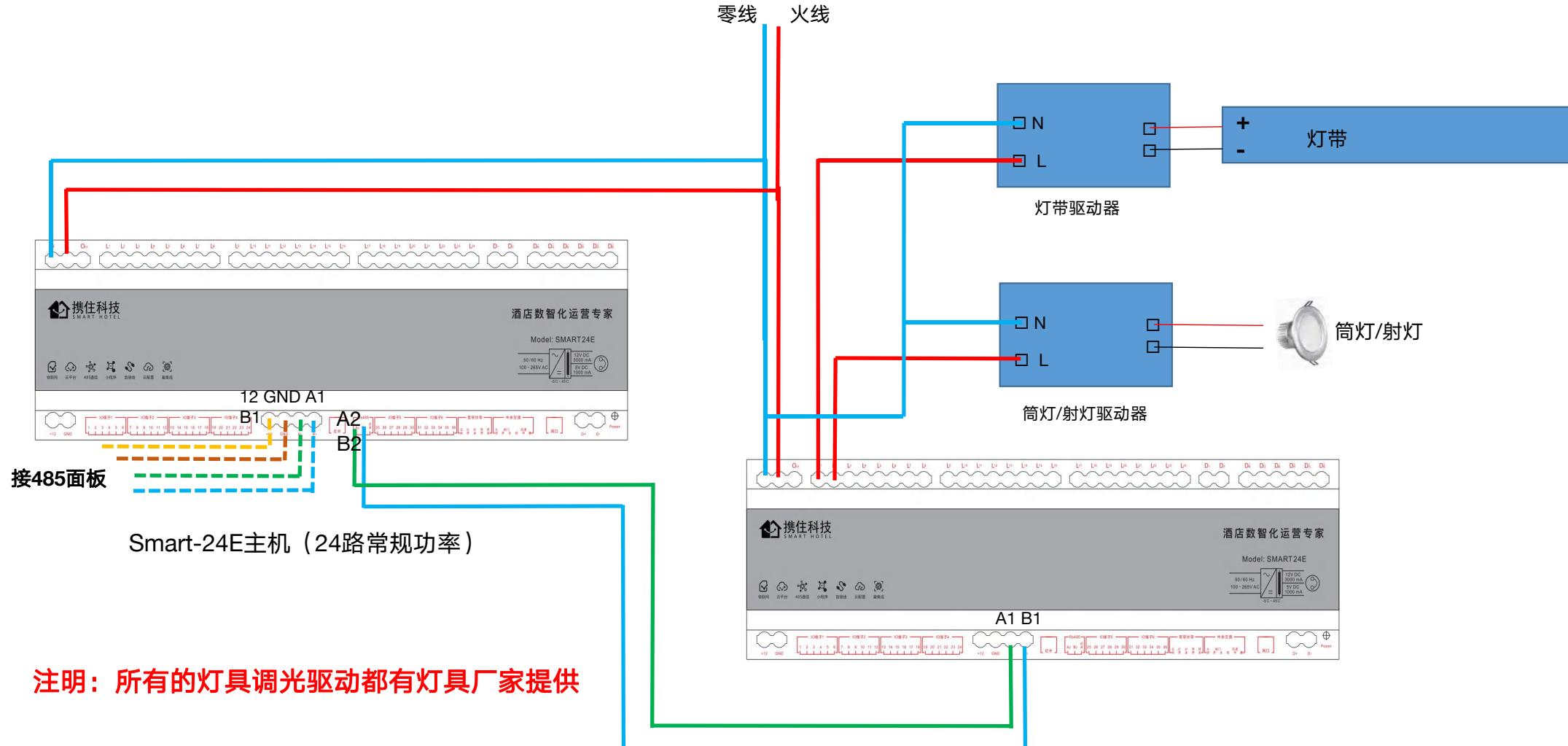


220V调光模块 (32路常规功率)

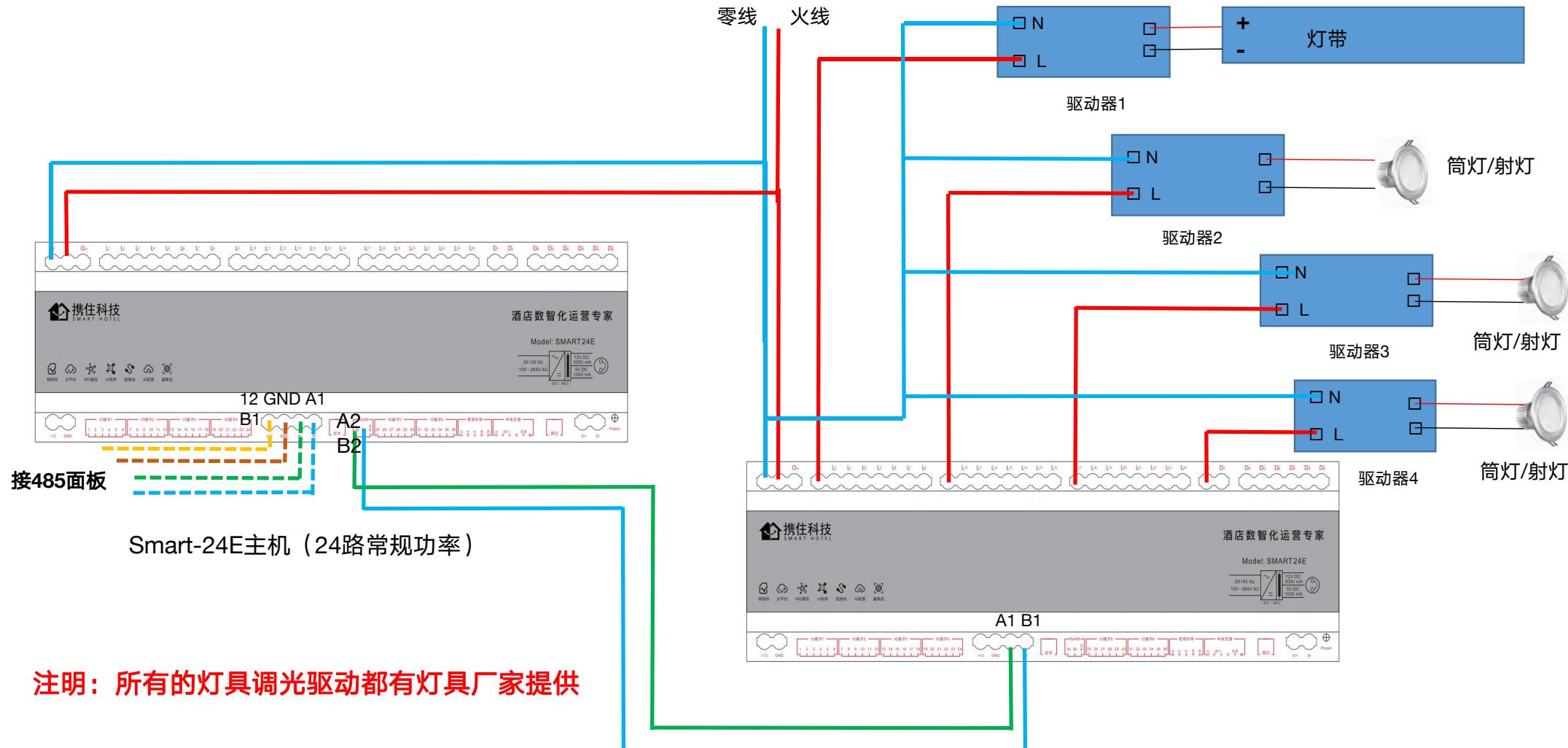
公区调光 (0-10V调光)



公区调光 (220V可控硅调光模块---32路常规功率)



公区调光 (220V可控硅调光模块---4路大功率)



产品目录 content



Z1/3-4P



Z3/7-8P



Z6/13-14P



Z10/17-18P



H1/23-24P



H8/27-28P



H10/31-32P



S6/37-38P



SX/42P



C9/44P



Z2/5-6P



Z5/11-12P



Z9/15-16P



Z16/19-20P



H6/25-26P



H9/29-30P



H12/33-34P



CX/41P



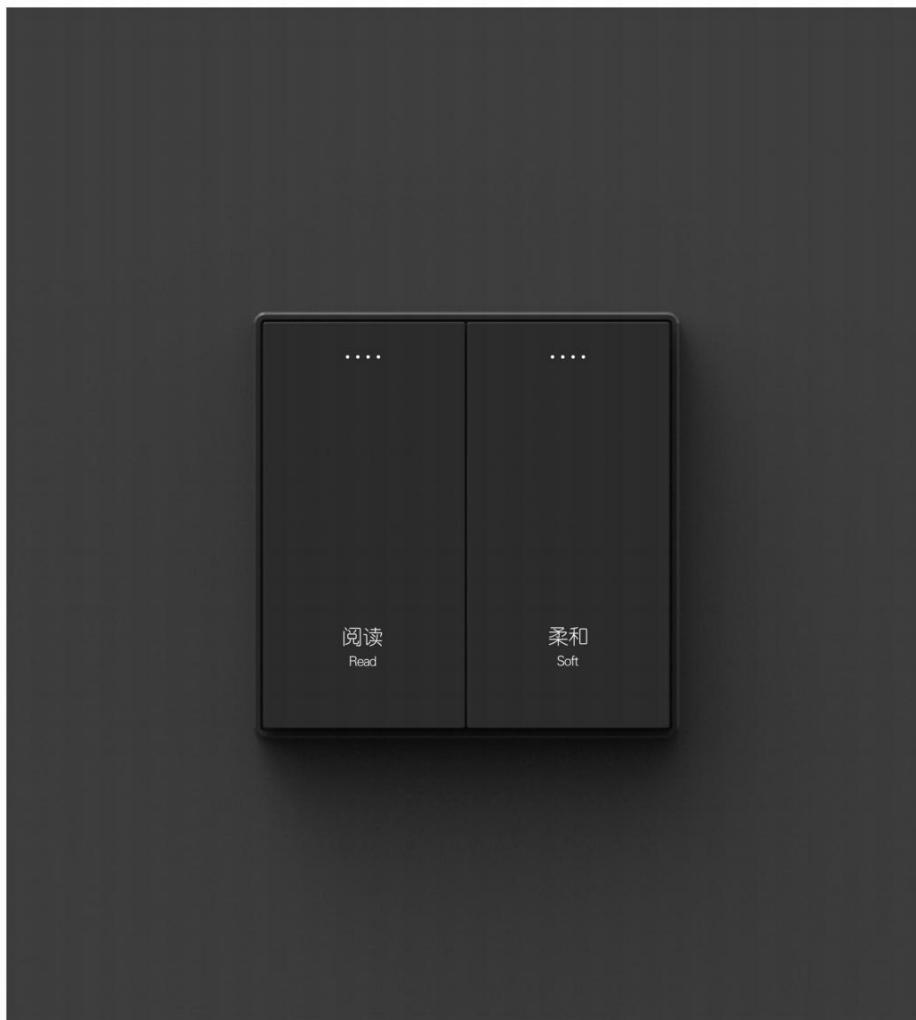
C8/43P



门显/47-48P

合作伙伴 partner



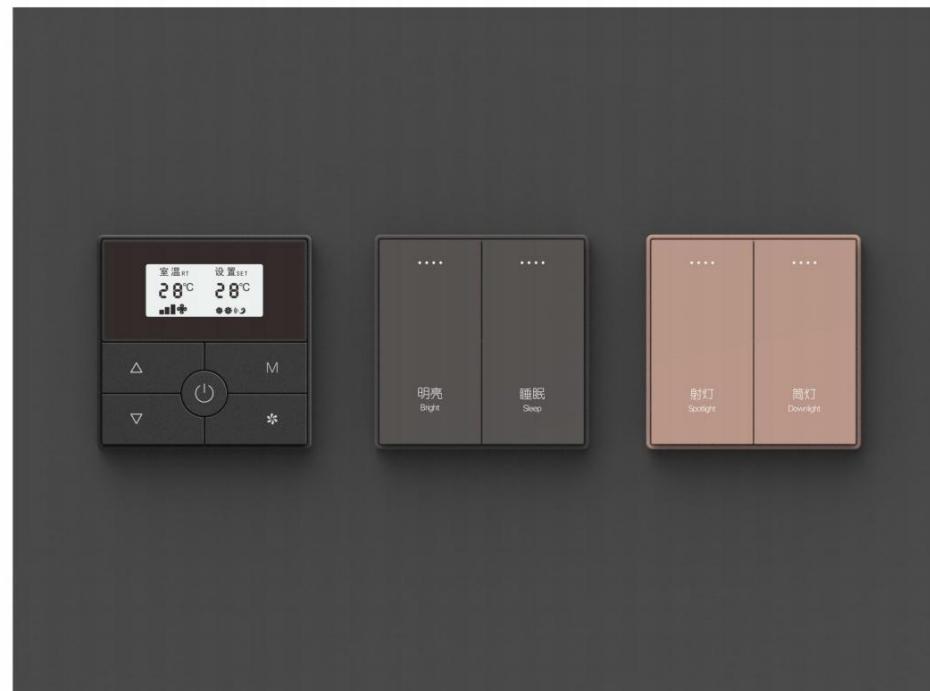


Z1 PC轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

大尺寸|大按键|更大气

航空铝边框设计，产品硬度高，一体化便携安装方式解决安装时因墙面不平或安装人员操作差异性导致的产品变形使产品卡键和影响产品美观。



产品特点

联体面板一体化金属边框、安装方便省时、操作稳定。
使用86螺丝安装时只需要固定连体面板最左边和最右边两颗86螺丝即可固定,当连体安装时产品可整体安装。

支援多种对接协议



按键颜色可选



边框金属、PC可选





Z2 大板全铝按键轻触开关

远离喧嚣
触动智能之美
开启时尚成功之旅!

重新定义，墙面美学

免编程/高度集成/触摸感应/高强度航空铝
集成中央空调、地暖、新风等专业设备控制
一个智能面板解决所有。



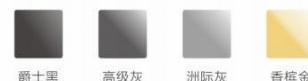
产品特点

尊尚开关面板重新定义了以往的翘板大板开关，可定制反馈状态灯、可定制按键雕刻文字，是真正的为个性定制而生，每一次惊艳的突破，都凝聚着无尽的想象。

可根据用户情况选择面板颜色，太空铝有机金属材料，让使用者有了更多选择和搭配，突破你对开关的想象，功能和趣味使居家更加与众不同，带你未来科技的美感和别具一格的体验。

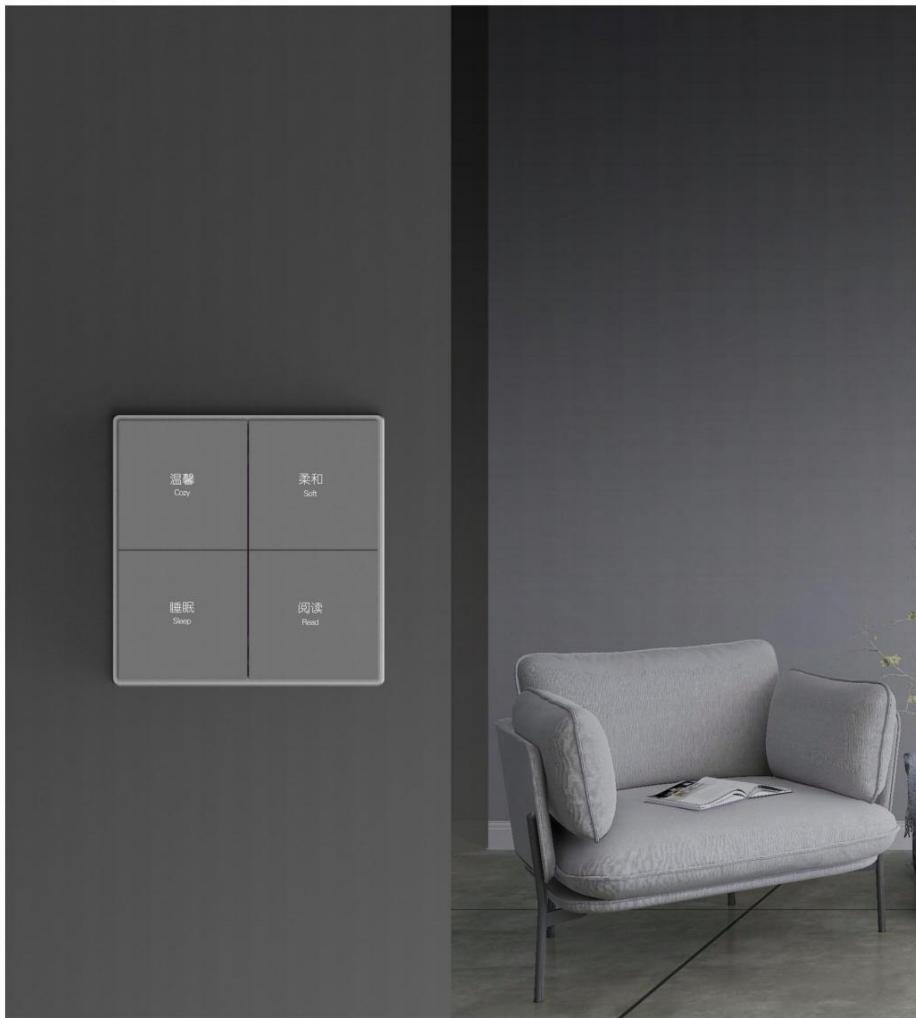


按键颜色可选



边框金属、PC可选





Z3 PC轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

线条黄金分割，简约不简单

Z3大板轻触开关，可根据客户情况选择金属边框和无边边框，可以和更多的装修风格进行搭配，让消费者有了更多选择，它出类拔萃。



产品特点

稳重的轮廓和模块化的灵活设计，适应了更多不同的使用场景，重新定义了开关赋予智能的定义，创造了新的生活方式，打造全新的场景体验。

支援多种对接协议



按键颜色可选



边框金属、PC可选



SUNWILL

Z1-Z2系列 有边框 Z1-Z2 series Bordered



一开开关
one opening switch



二开开关
two opening switch



二开四开开关
two open four open switch



三开开关
three opening switch



三开六开开关
three open six open switch



电话接口
telephone interface



VGA视频+3.5mm耳机
VGA video + 3.5mm headset



电脑接口
interface computer



电视接口
TV interface



无级调音开关
switch electroless

Z1-Z2系列 无边框 Z1-Z2 series Rimless



一开开关
one opening switch



二开开关
two opening switch



二开四开开关
two open four open switch



三开开关
three opening switch



三开六开开关
three open six open switch



调光器
dimmer



调音器
Tuner



电话+电视接口
telephone+TV interface



电话+电脑接口
telephone+computer interface



HDMI电视+USB接口
HDMI television + USB interface

Z1-Z2系列 横版 Z1-Z2 series Rimless



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



刷卡取电
card fetching electricity



LED脚灯
LED footlight



背景音乐开关
background music switch



五键温控
Five button temperature control



旋钮温控器
knob thermostat

Z3、Z6系列 有边框 Z3-Z6 series Bordered



一开开关
one opening switch



二开开关
two opening switch



二开三开开关
two open three open switch



四开开关
four opening switch



进风/新风
new wind



触屏温控
Touch screen temperature control



语音开关
voice switch



免提电话
hands-free telephone

Z3、Z6系列 无边框 Z3-Z6 series Rimless



一开开关
one opening switch



二开开关
two opening switch



二开三开开关
two open three open switch



四开开关
four opening switch



单体
monomer



二联体
two conjoined



三联体
three conjoined

强电插座 strong current socket



16A三极插座
16A triple pole socket



二三极插座
two or three pole socket



二三极插座
two or three pole socket



二三极插座+USB+C
two or three
socket+USB+C



二三极插座+双USB
two or three
socket+double USB



四联体
four conjoined



五联体
five conjoined

其他类 other classes



二三极多功插座
two or three multi
function socket



220V POE+HDMI+WiFi
(带POE供电及无线WIFI)
socket with POE power supply



电脑+电视
computer+TV interface



紧急呼叫
emergency call



剃须插座
shaving socket

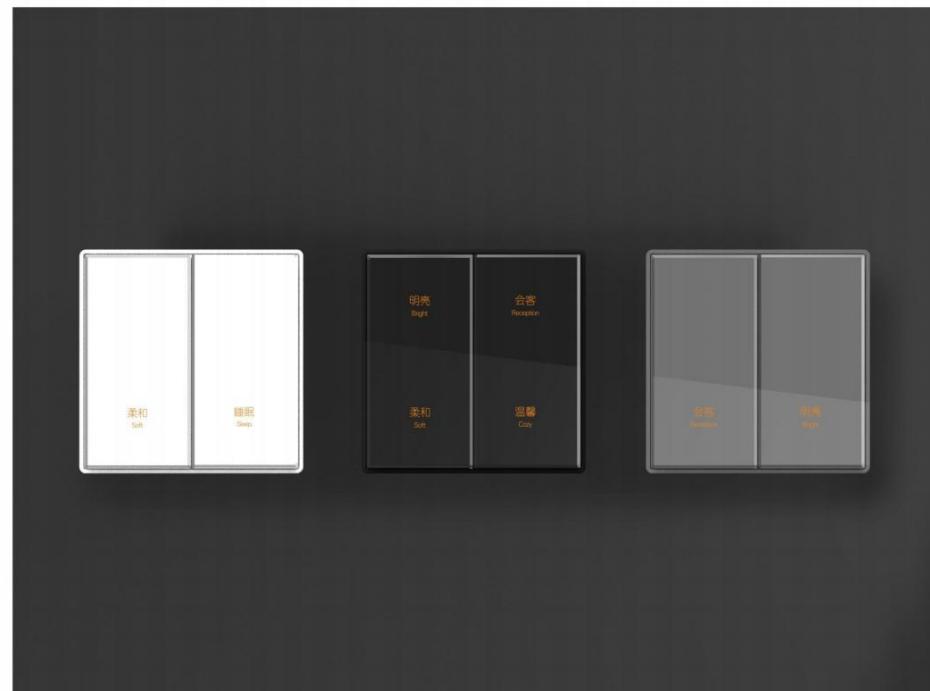


Z5 大板钢化玻璃按键轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

钢化玻璃按键,轻奢质感

如灵动跳跃的音符,让开关流动着艺术的想象,未相见已惊艳。



产品特点

智能开关如今已不再是一个简单的开关工具,它被赋予了更多的时尚属性,并成为彰显主人生活品质的标志,所以高品质高颜值的产品更容易打动人心。

在外观设计上凸显出不俗的品味,太空铝合金窄边框搭配深邃色系高强度钢化玻璃,让整个开关面板沉稳大气具有十足的科技气息。



按键颜色可选



爵士黑



高级灰



洲际灰



铝合金



86MM



92MM



PC塑料

边框金属、PC可选

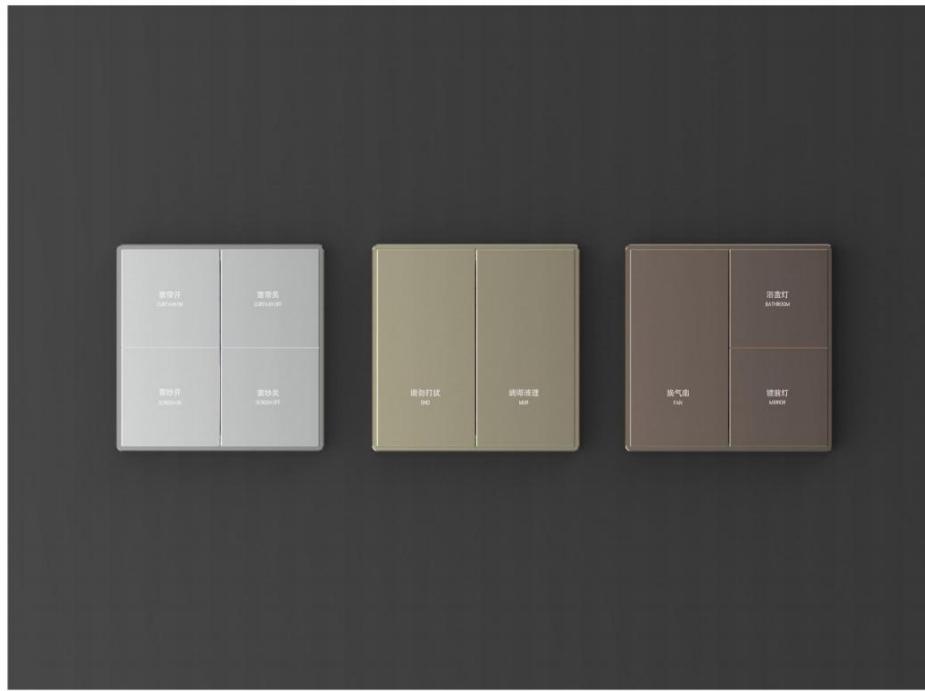


Z6 十字全铝金属按键轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

线条黄金分割，简约不简单

Z6金属大板轻触开关，无边框纯平按键任一位置均可按压，手感舒适。方格按键风格设计，形成旋律、体现意境，让消费者有了更多选择和搭配，黄金分割比例作为美的象征渗透到艺术设计的各个部分。



产品特点

金属按键CNC工艺，可定制场景文字反馈状态灯、激光雕刻镂空文字，艺术品的科技华丽感，更完美的设计新体验。



锌合金按键
ZAC



金属镂空字体
3D



一体式安装



10万次按键测试
10万



颜色多选
Colour



双色背光

按键颜色可选



爵士黑



高级灰



洲际灰



香槟金



铝合金



PC塑料

边框金属、PC可选



90MM
铝合金



86MM
铝合金



92MM
PC塑料



86MM
PC塑料



Z9 大板金属拉丝按键轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

金属拉丝面板，不变的时尚

表面特殊氧化处理，精细拉丝打磨
纹理细腻，呈现大胆前卫气质



产品特点



支援多种对接协议



不锈钢按键颜色可选



红古铜



青古铜



枪色

太空铝按键颜色可选



爵士黑



高级灰



香槟金

边框金属、PC可选



铝合金



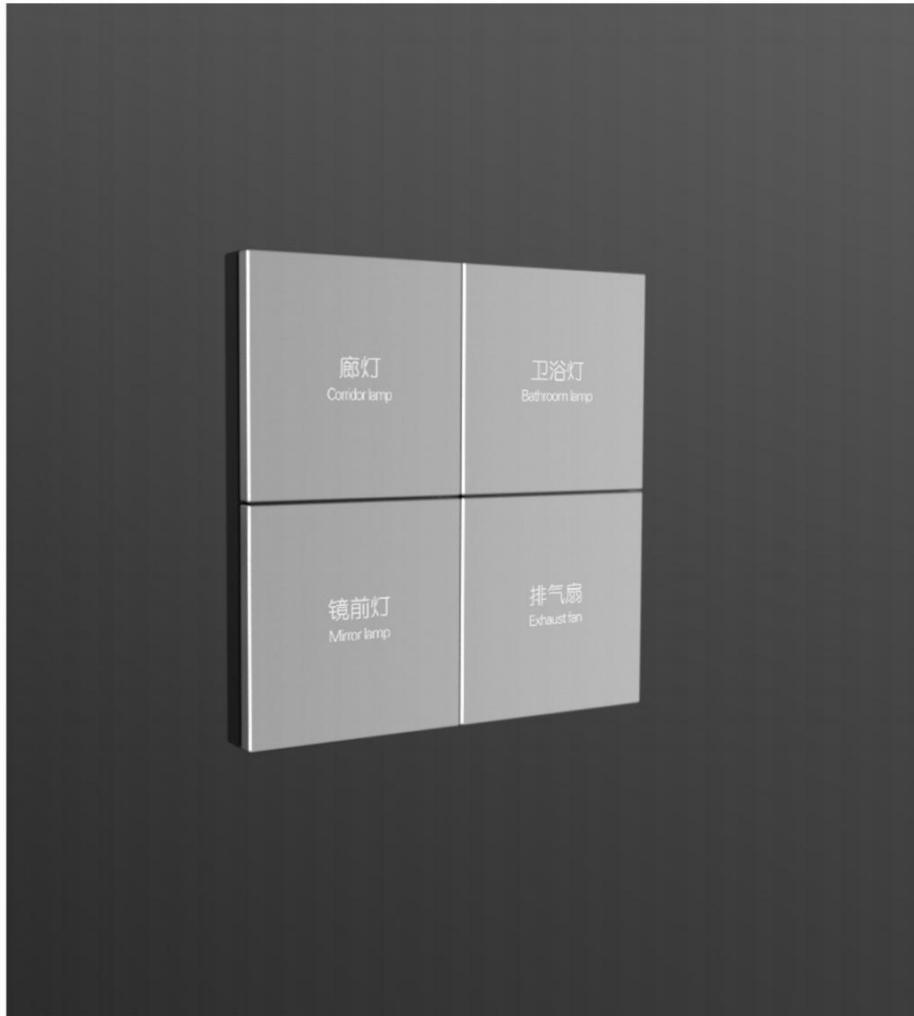
铝合金



PC塑料



PC塑料

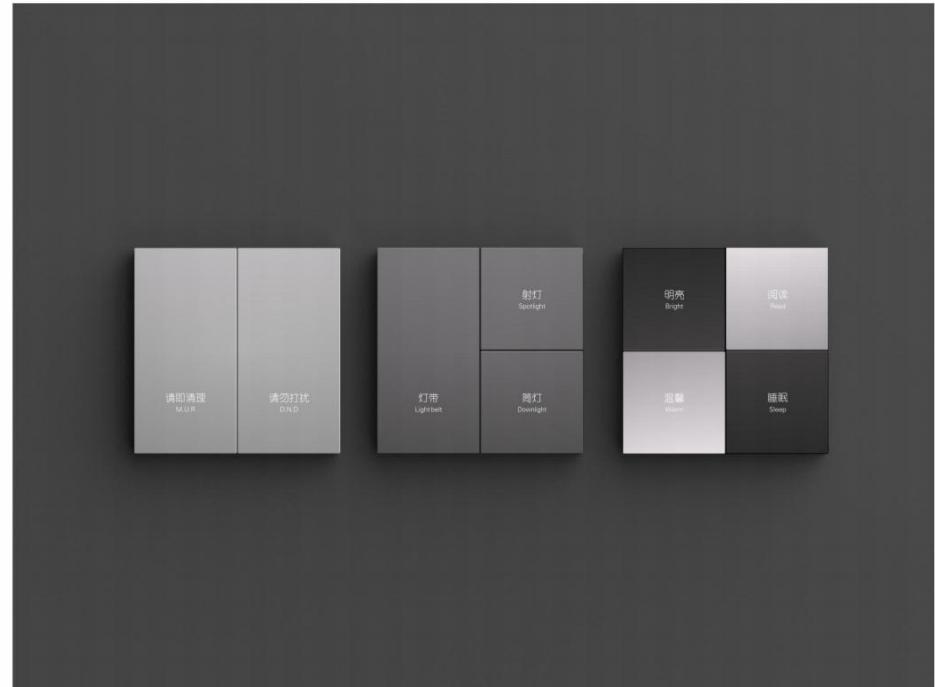


Z10 大板PC按键轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

活字印刷运用于现代开关

体现了优雅主义与实用主义的完美结合



产品特点

外形采用方格模块化平面设计，开关模块与边框之间，抛去了传统的螺丝固定方式，完全的结构嵌入式组合，按键为塑料分离式按键，按键与按键之间，可以随意组合，灵活匹配，将多个单元元件聚合组合成模块，更具一体化的视觉体验，紧贴的精致感，体现了优雅主义与实用主义的完美结合。

支援多种对接协议



按键颜色可选



边框金属、PC可选





Z16 大板全铝按键轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

重新定义墙面美学

简约低调的气质中渗透着与众不同的品味，突显另一层
意义上的奢华——简约到深刻。



产品特点

金属按键CNC工艺，可定制场景文字反馈状态灯、激光雕刻镂空文字，艺术品的科技华丽感，更完美的设计新体验。



按键颜色可选



爵士黑



高级灰



洲际灰



香槟金



铝合金



铝合金



PC塑料



PC塑料

边框金属、PC可选

SUNWILL

Z5玻璃系列 Z5 series Rimless



一开开关
one opening switch
二开开关
two opening switch
二开三开开关
two open three open switch
二开四开开关
two open four open switch



电话接口
telephone interface
VGA video + 3.5mm headset
接口接口
interface computer
电视接口
TV interface
无级调光开关
switch electrodeless

Z9太空铝系列 Z9 series Rimless

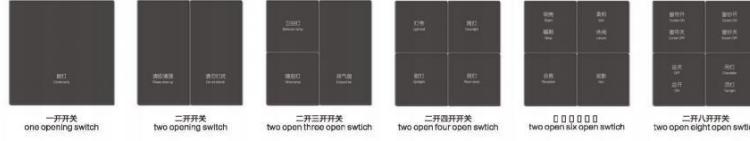


一开开关
one opening switch
二开开关
two opening switch
二开三开开关
two open three open switch
二开四开开关
two open four open switch



调光器
dimmer
调音器
Tuner
电话+电视
telephone + TV interface
电话+电脑
telephone + computer interface
HDMI音频+USB接口
HDMI audio and video + USB

Z10系列 Z10 series Rimless



一开开关
one opening switch
二开开关
two opening switch
二开三开开关
two open three open switch
二开四开开关
two open four open switch
二开六开开关
two open six open switch
二开八开开关
two open eight open switch



插卡取电
card fetching electricity
LED脚灯
LED footlight
背景音乐开关
background music switch
五键操控
Five button temperature control
旋钮控温器
knob thermostat

Z12系列 Z12 series Rimless

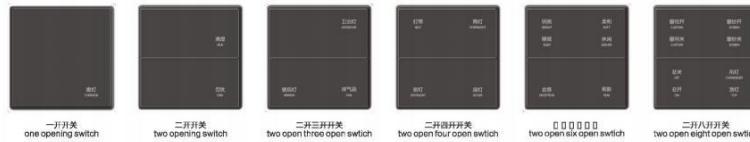


一开开关
one opening switch
二开开关
two opening switch
二开三开开关
two open three open switch
二开四开开关
two open four open switch
二开六开开关
two open six open switch
二开八开开关
two open eight open switch



新风
thermostat/ new wind
触屏控温
Touch screen temperature control
语音开关
voice switch
免提电话
Hands free telephone

Z16系列 Z16 series Rimless



一开开关
one opening switch
二开开关
two opening switch
二开三开开关
two open three open switch
二开四开开关
two open four open switch
二开六开开关
two open six open switch
二开八开开关
two open eight open switch

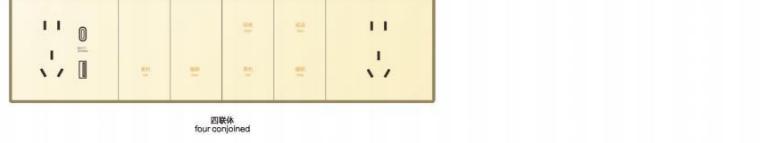


二联体
two joined
三联体
three joined

强电插座 strong current socket



16A三极插座
16A triple pole socket
二三极插座(新国标)
two or three pole socket
二三极插座
two or three pole socket
二三极插座+USB+TYPE-C
two or three socket+USB+TYPE-C
二三极插座+双USB
two or three socket+double USB



四联体
four joined

其他类 other classes



二三极多能插座
two or three multi functionsocket
220V POE + WiFi
(带USB电源及网线接口)
power supply
电脑+电视
computer + TV interface
紧急呼叫
emergency call
剃须插座
shaving socket



H1 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

金属折边,铸就精品典范

面板与边框CNC整体成形，简约中透射出时尚高贵。



产品特点



支援多种对接协议



面板颜色可选



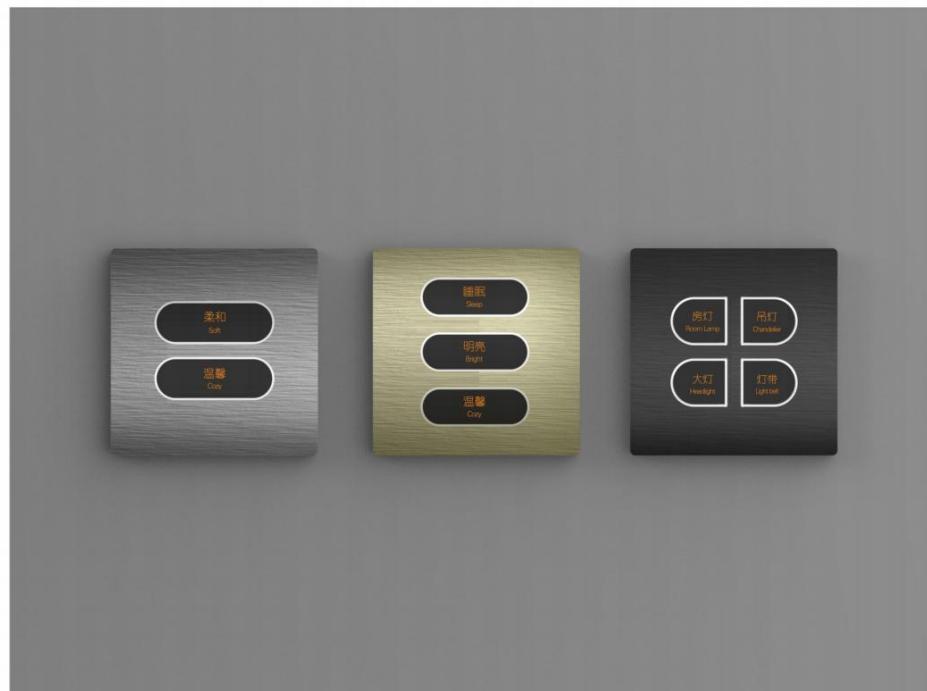


H6 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

对于设计的执着与愿景

我们始终致力于打造充满设计感的生活方式
我们为您提供令人惊艳的产品，贴心的服务，
更优质的生活方式。



产品特点



支援多种对接协议



面板颜色可选



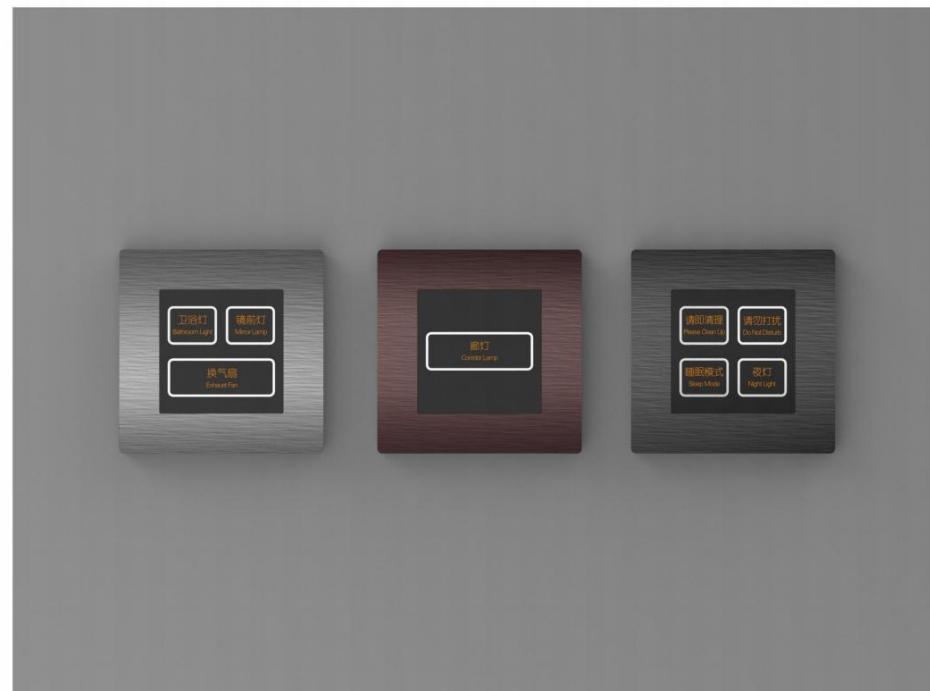


H8 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

轻触按键, 灵动指尖

全扣位式组合结构, 轻松灵活实现方向变化
磁吸式安装, 让一切变得更简单。



产品特点



支援多种对接协议



面板颜色可选



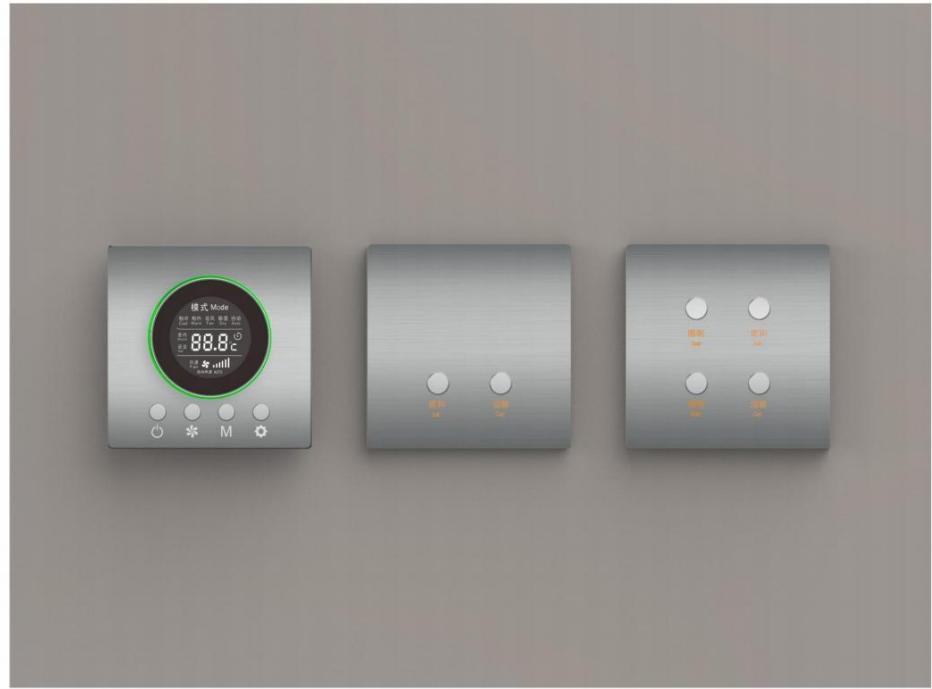


H9 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

小按键，大智慧

金属按键CD纹精密处理，定制镂空金属文字，
瞬间提升科技艺术。



产品特点

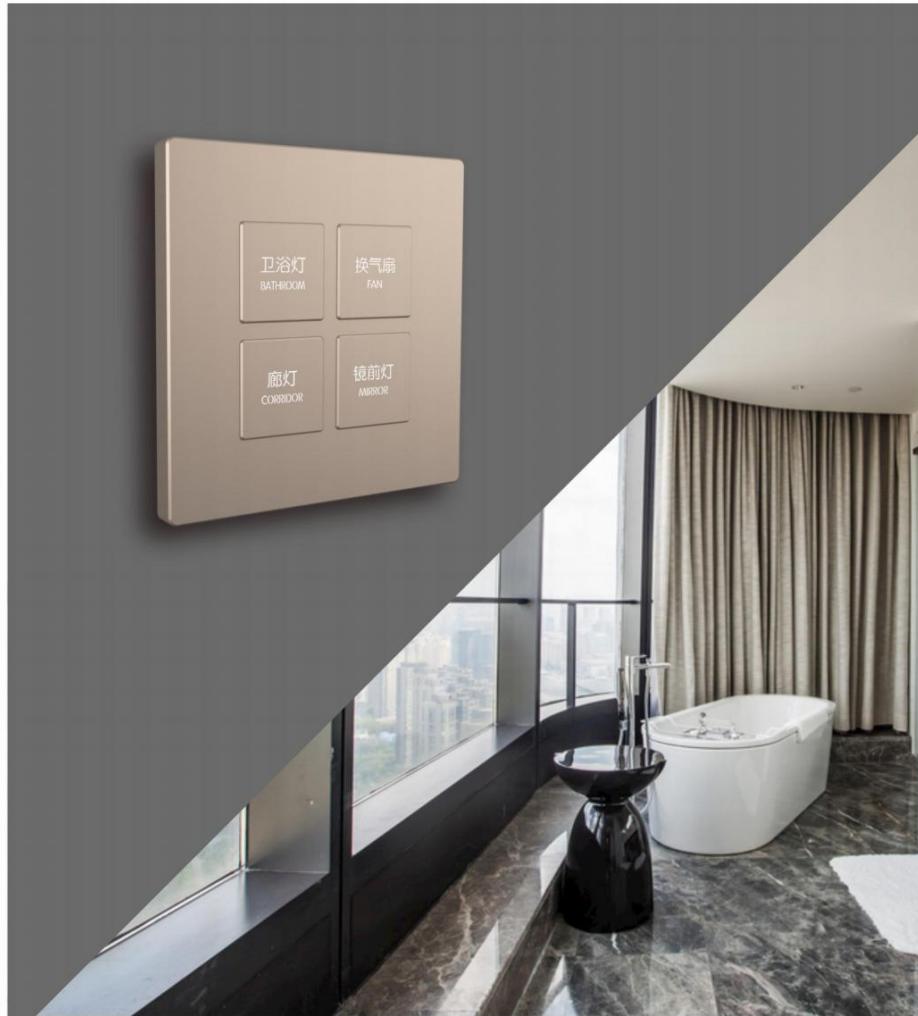


支援多种对接协议



面板颜色可选

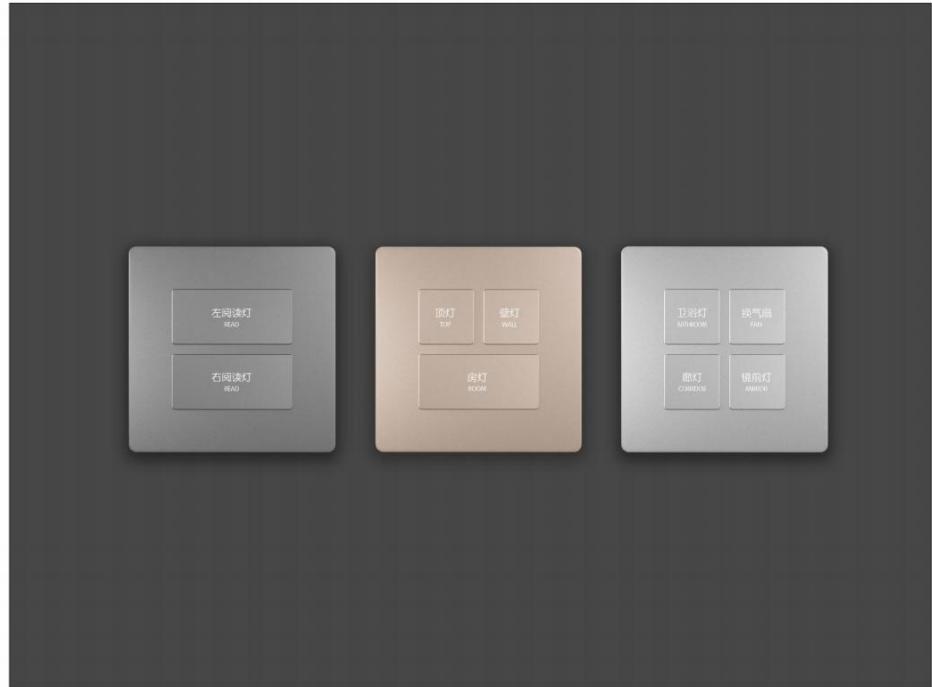




H10 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

太空铝7MM整体成形，CMC铝高光按键，
将金属的奢华品质完美结合。



产品特点



支援多种对接协议



面板颜色可选

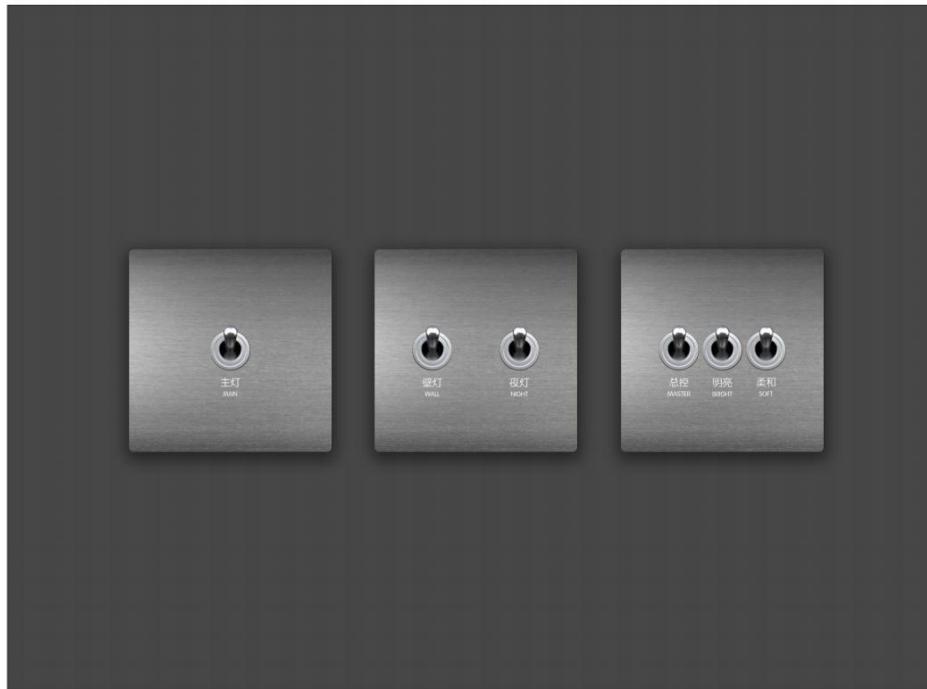




H12 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

工业复古元素，每一个细节都与众不同，
它不只是开关，是一种情怀。



产品特点



支援多种对接协议



面板颜色可选



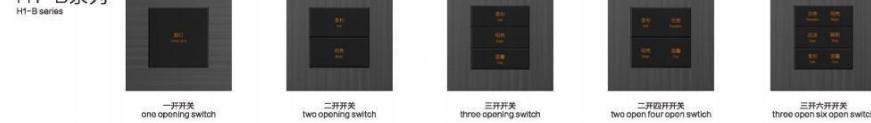
金棕色 咖啡色 火山灰

SUNWILL

H1-A系列



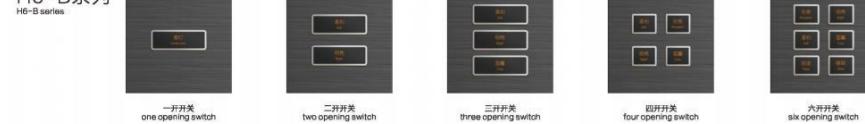
H1-B系列



H6-A系列



H6-B系列



H8系列



H9系列



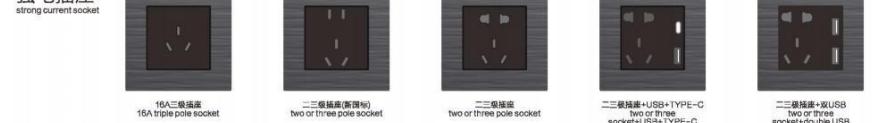
H10系列



H12系列



强电插座



其他类



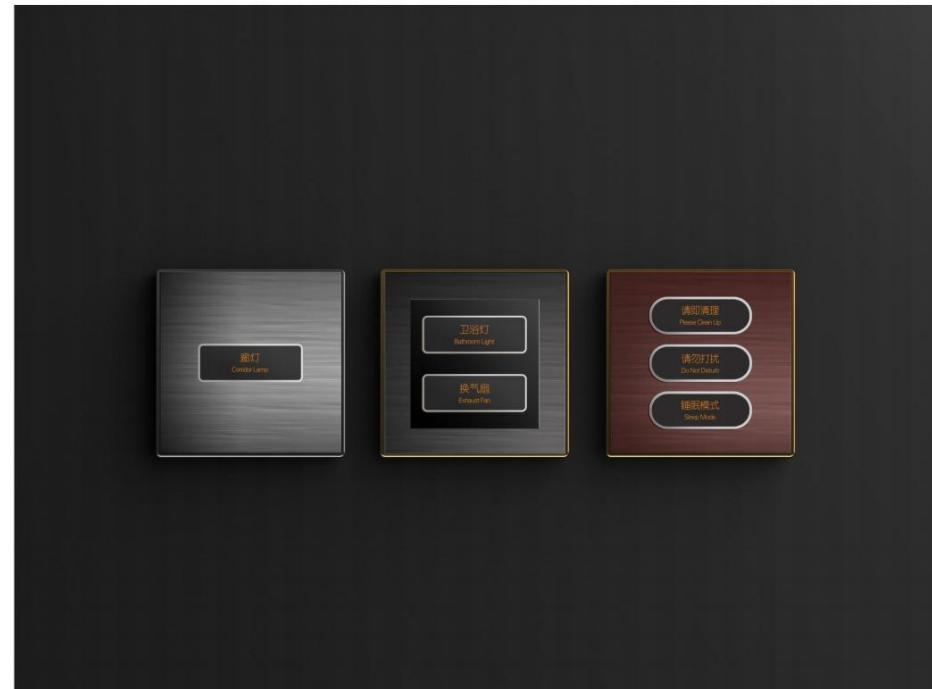


S6/8 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

金属边框+金属拉丝面板，稳重而突出

金属边框，底板与边框一体，适用于多种安装条件，智能模式，无需对码，
自动组网实现智能控制！



产品特点



支援多种对接协议



模块颜色可选



金属边框颜色可选



SUNWILL

S6-A系列

S6-A series



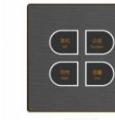
一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch

S6-B系列

S6-B series



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch



六开开关
six opening switch

S8-A系列

S8-A series



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch

S8-B系列

S8-B series



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch

联体开关

joined switch



三联体
Three joined



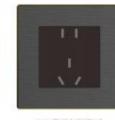
四联体
Four joined

强电插座

strong current socket



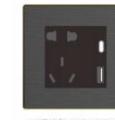
16A三孔插座
16A triple pole socket



二三孔插座
two or three pole socket



三孔插座
two or three pole socket



三孔插座+USB+TYPE-C
two or three
socket+USB+TYPE-C



三孔插座+双USB
two or three
socket+double USB

其他类

other classes



220V/POE多功能插座
two or three multi
functionssocket



220V/POE+WIFI
(带USB+POE)
WIFI with 220V or POE
power supply



电脑插座
computer



紧急呼叫
emergency call



剃须插座
shaving socket



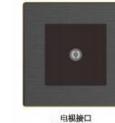
电话接口
telephone interface



VGA视频+3.5mm耳机
VGA video + 3.5mm headset



电脑接口
computer



电视接口
TV interface



无极调光开关
switch alocless



调光器
dimmer



调音器
Tuner



电话+电视
telephone+TV interface



电话+电脑
telephone+computer
interface



HDMI音频+USB
HDMI audio and video
+USB



插卡取电
card fetching electricity



LED地脚灯
LED footlight



背景音乐开关
background music switch



温控新风
thermostatic new wind



旋钮温控器
knob thermostat



语音开关
voice switch



CX 触摸系列

远离喧嚣
触动智能之美
开启时尚成功之旅!



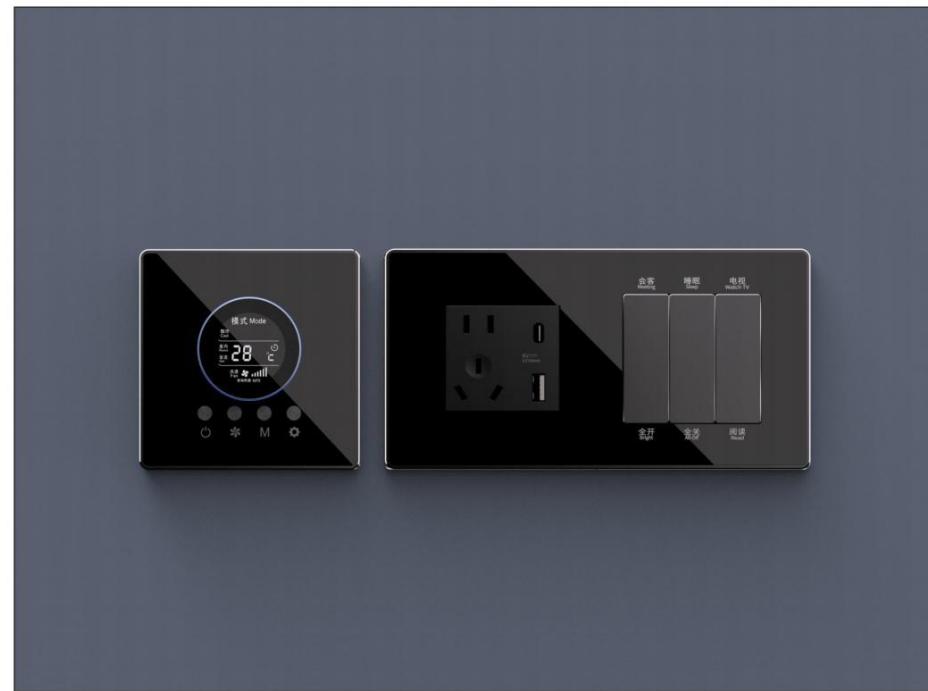
支援多种对接协议



模块颜色可选



金属边框颜色可选



SX 轻触系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

钢琴键设计理念，达到艺术与技术的完美融合，高灵敏度，当手接近开关时，自动亮起科幻般的背光显示，准确掌握灯光控制，关灯后背光进入休眠模式。

加大尺寸102MM太空铝合金边框，全CNC精工打造，手感舒适，简洁大气；面板固定采用高强磁吸合设计安装方便。

支援多种对接协议



模块颜色可选



金属边框颜色可选





C2/8 触摸系列

远离喧嚣
触动智能之美
开启时尚成功之旅!



支援多种对接协议



模块颜色可选



金属边框颜色可选



C9 触摸系列

远离喧嚣
触动智能之美
开启时尚成功之旅!

金属一体边框，炫彩水晶面板，晶莹剔透，电容式同手机触摸技术，时尚之风尽在掌控

支援多种对接协议



模块颜色可选



金属边框颜色可选



SUNWILL

CX系列



单开开关
monomer opening switch



二开开关
two opening switch

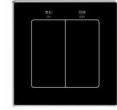


三开开关
three opening switch

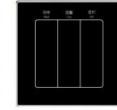
SX系列



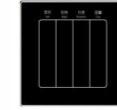
一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch

C2系列



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch

C8系列



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch



五开开关
five opening switch

C9系列



一开开关
one opening switch



二开开关
two opening switch



三开开关
three opening switch



四开开关
four opening switch



五开开关
five opening switch

联体开关



三联体
Three joined



四联体
Four joined

强电插座



16A三连插座
16A triple pole socket



二三连插座
two or three pole socket



二三连插座
two or three pole socket



二三连插座+USB+TYPE-C
two or three pole socket+USB+TYPE-C



二三连插座+双USB
two or three pole socket+double USB

其他类



220V/WIFI/POE多功能插座
(支持WIFI或POE或220V)



电脑+电视
computer+tv interface



紧急呼叫
emergency call



剃须插座
shaving socket



电话接口
telephone interface



VGA接口+3.5mm耳机
VGA video +3.5mm headset



电脑接口
interface computer



电视接口
TV interface



无极调音开关
switch electrodeless



调光器
dimmer



调音器
Tuner



电话+电视
telephone+tv interface



电话+电脑
telephone+computer interface



HDMI音频+USB接口
HDMI audio +USB



刷卡取电
card fetching electricity



LED地脚灯
LED footlight



背景音乐开关
background music switch



温控新风
thermostat/new wind



温控新风
thermostat/new wind



语音开关
voice switch



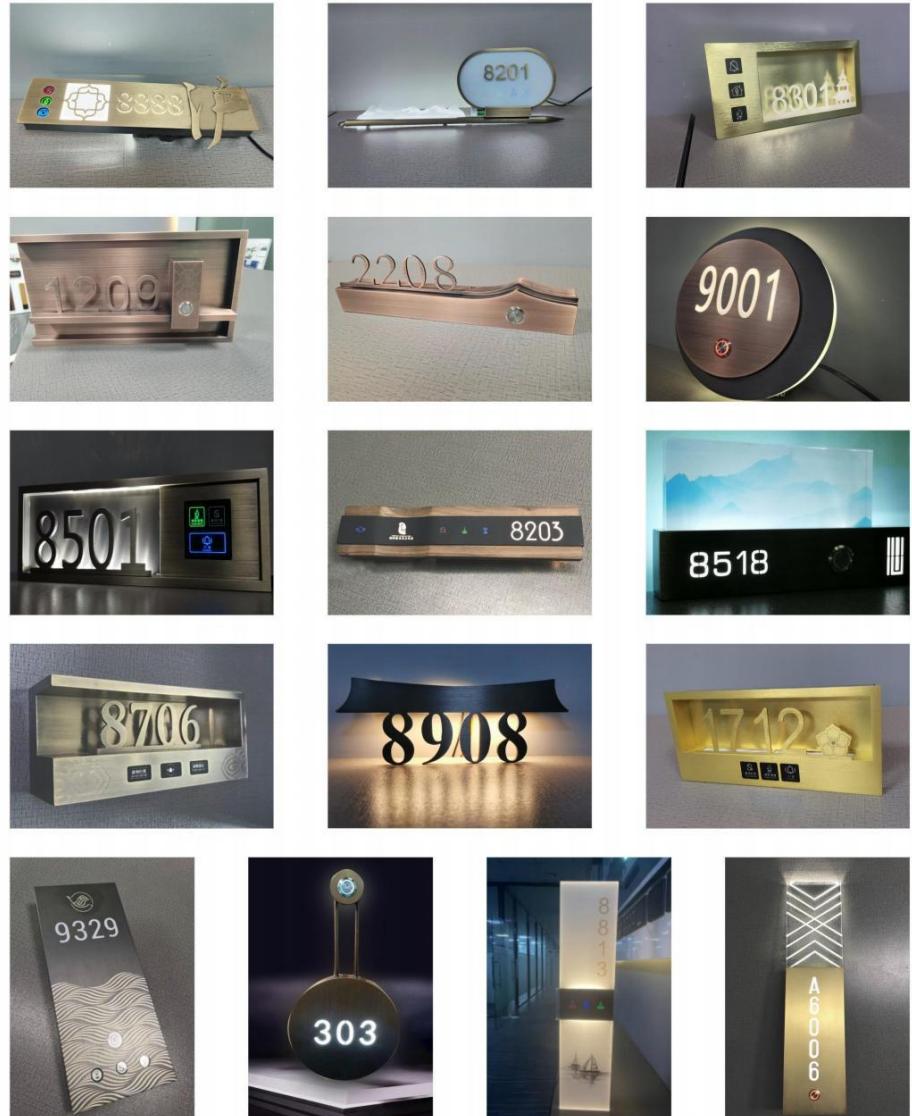
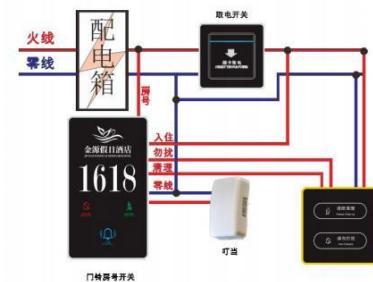
定制门牌系列

您的个性，
我们助您彰显！

产品特点

为您的酒店量身定制,个性定制、款式设计、功能设计、电路设计等,材质造型多种选择,打造您的专属产品。

电子门牌布线示意图



智能语音: 无需外接网络和别的设备, 轻松实现语音控制灯光、窗帘、空调。可与开关面板连体, 入墙式安装, 美观时尚。接线简单, 独立控制稳定性高。

欢迎模式: 当客人推开门进入房间时, 廊灯自动开启, 窗帘自动打开, 贴心的服务让客人倍感亲切。

睡眠模式: 一键总关所有灯光, 每路灯光可单独控制。

万能双控: 一条同轴双绞线, 轻松实现双控多控。

智能夜灯: 当客人一键总关所有灯以后, 房间内所有指定灯光关闭的同时自动夜灯亮起, 给客人贴心的服务。

调光开关: 可对床灯调暗、调亮操作, 可根据客人需求进行调光。

窗帘开关: 适用于各种窗帘控制器, 控制窗帘开、关、停, 方便快捷。

智能门磁: 实现进门廊灯自亮, 延时可灭, 人性化设计, 提升酒店档次。

场景控制: 轻松实现人性化的场景智能控制, 如欢迎模式、休闲模式、睡眠模式、会客模式、浪漫模式等。

智能窗帘: 插卡取电后窗户自动打开, 拔掉卡片窗帘自动关闭, 睡眠模式后窗帘自动关闭, 以最贴心的服务取得客人欢心。

智能勿扰: 睡眠模式后自动启动请勿打扰功能, 门铃失效; 美梦中不会被任何人打扰, 让客人如同回到家的港湾安心入睡。

来电自熄: 电网停电后再来电, 开关自动处于关闭状态, 避免浪费电能。

夜光识别: LED暗背光显示、有利于夜间识别。温馨暖光伴客人一夜好梦。

个性定制: 文字按要求个性定制、中英文显示、避免客人找不到相应灯位的尴尬。

安全稳定: 人接触到的为5V安全电压, 安全系数高; 内置过载保护, 可防浪涌电流和防雷击。

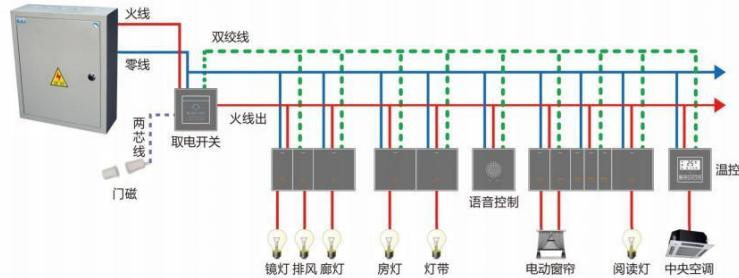
安装方便: 标准的86式墙壁开关外形设计, 不需要对灯具做任何改动接配件。

适用灯具: 可接日光灯、白炽灯、节能灯、射灯、卤素灯等灯具。

维修方便: 维修方便, 酒店自己的电工就能解决。

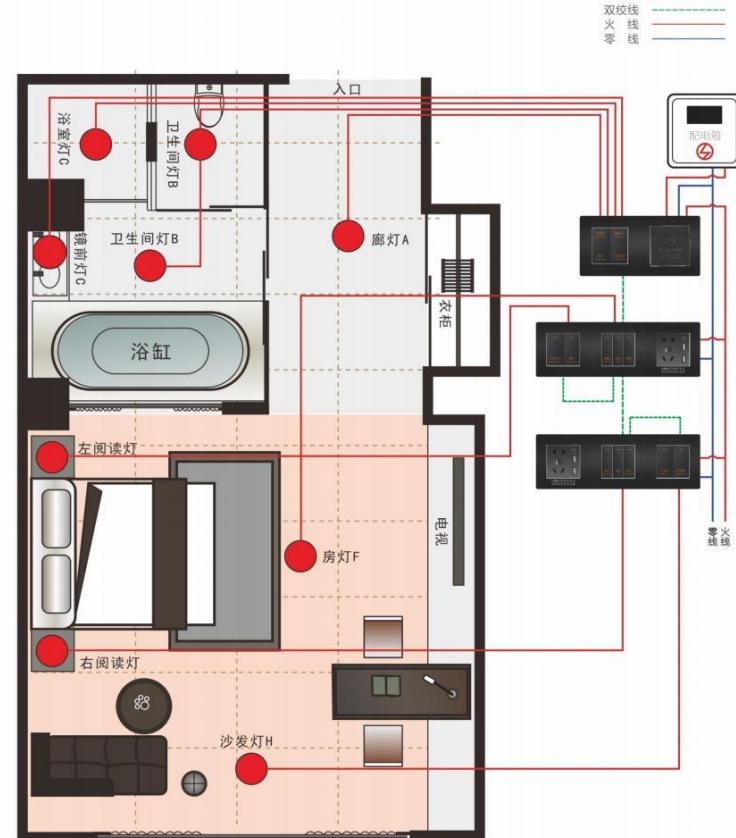
强电智能控制系列案布线示意图, 布线、接线简单, 安装简单, 酒店电共直接操作, 大大降低人工成本。

各种智能模式, 无需对码, 自动组网实现智能控制, 弱电可与各型号RCU配套。



强电 (互联互控) (无RCU) 解决方案

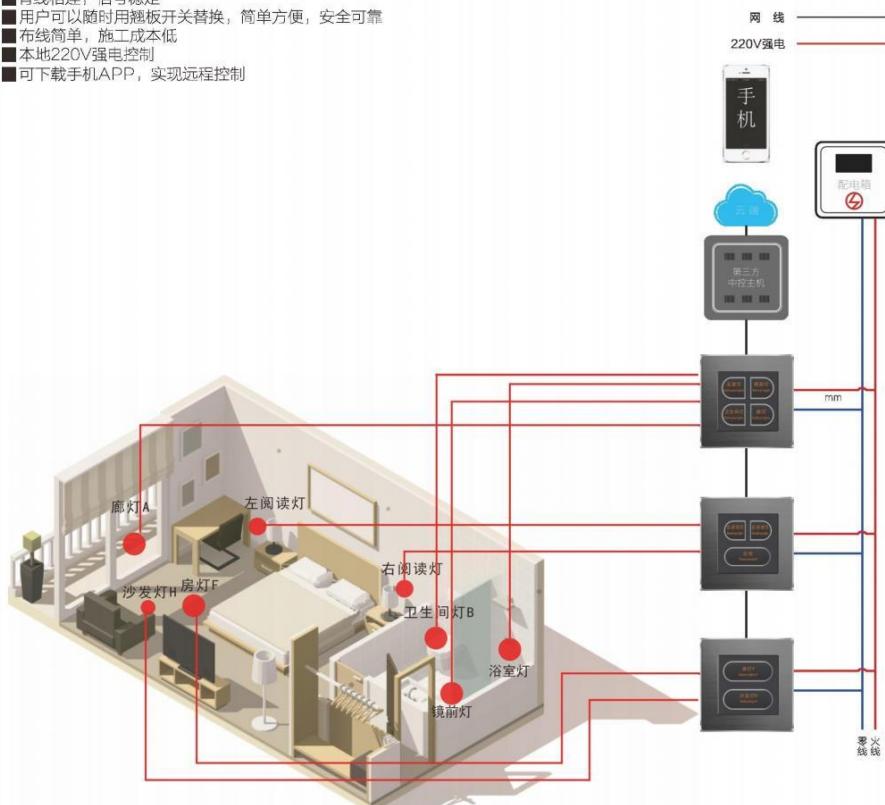
- 无线智能化方案, 不用系统, 一样轻松实现智能酒店灯光控制。
- 有线相连, 信号稳定。
- 用户可以随时用面板开关替换, 简单方便, 安全可靠。
- 布线简单, 施工成本低。
- 本地220V强电控制。



- 一键总开关、双控、多控、场景模式等。
- 一键总关: 客人入睡后无需起身, 轻触总关, 所有指定灯光关闭, 每路又可独自开启。
- 多控/双控: 实现房间、走廊、洗手间等灯具, 客人可在走廊或床头任一开关进行开与关的控制, 避免客人夜间摸黑开灯的烦恼。
- 智能廊灯: 插卡取电后, 廊灯自动亮起, 避免客人夜间进房摸黑的烦恼。
- 智能夜光: 客人一键总关所有灯以后, 夜灯可设定自动亮起, 方便客人起床。
- 夜光显示: 所有开关产品按键均有背光显示, 有利于夜间识别。

强电 (485协议) 解决方案

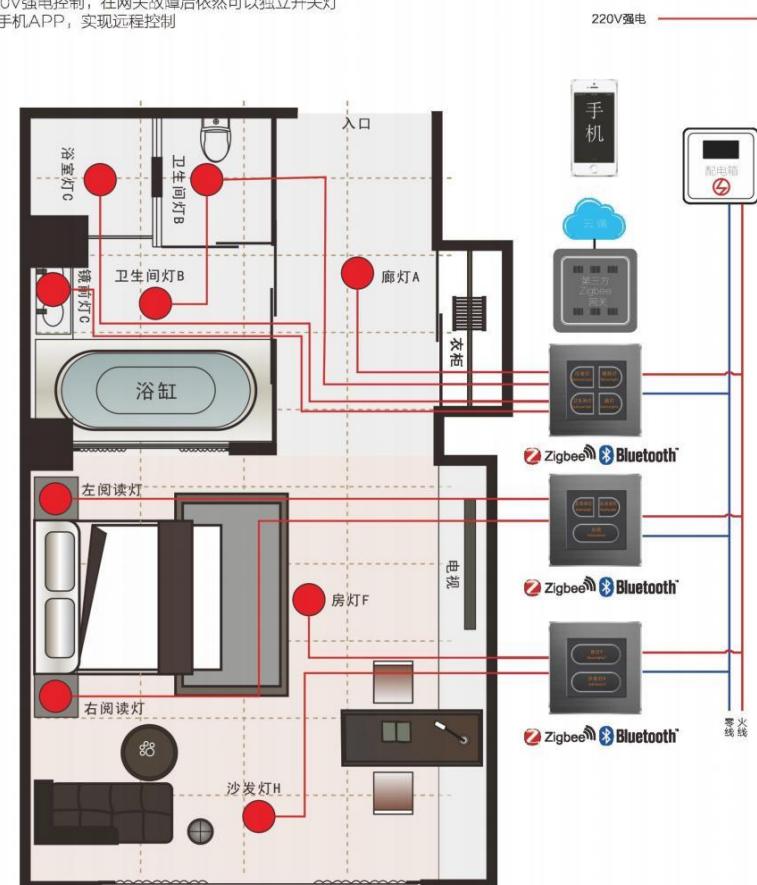
- 有线相连，信号稳定
- 用户可以随时用翘板开关替换，简单方便，安全可靠
- 布线简单，施工成本低
- 本地220V强电控制
- 可下载手机APP，实现远程控制



- 一键总开关、双控、多控、场景模式等
- 一键总关：客人入睡前无需起身，轻触总关，所有指定灯光关闭，每路又可独自开启。
- 多控/双控：实现房间、走廊、洗手间等灯具，客人可在走廊或床头任一开关进行开与关的控制，避免客人夜间摸黑开灯的烦恼。
- 远程控制：可通过手机APP实现各种智能控制，远程在线查看相关设备的工作状态。

无线 (Zigbee) / 蓝牙解决方案

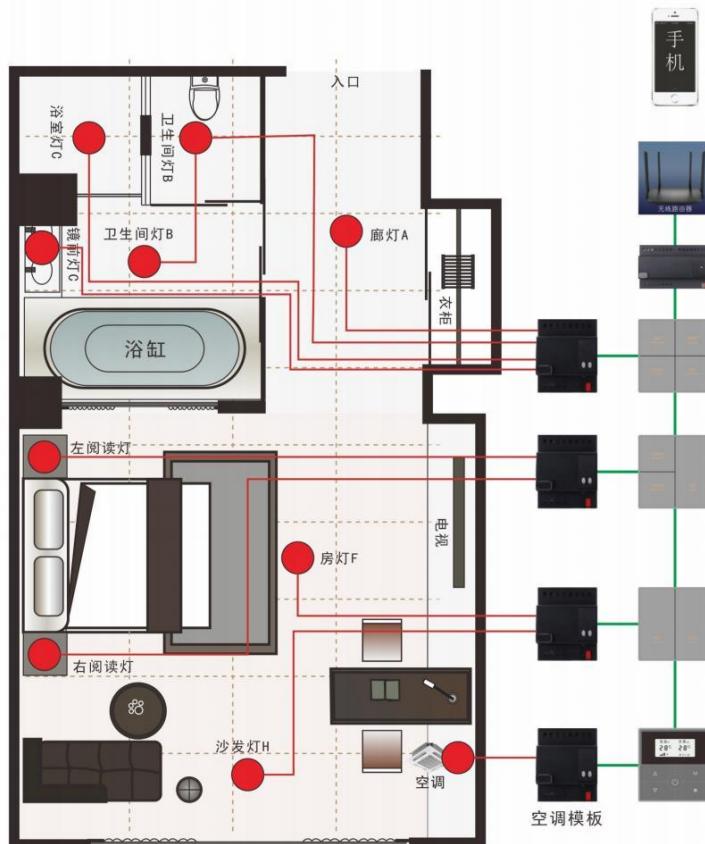
- 无线 (Zigbee) / 蓝牙布线灵活
- 用户可以随时用翘板开关替换，简单方便，安全可靠
- 本地220V强电控制，在网关故障后依然可以独立开关灯
- 可下载手机APP，实现远程控制



- 一键总开关、双控、多控、场景模式等
- 一键总关：客人入睡前无需起身，轻触总关，所有指定灯光关闭，每路又可独自开启。
- 多控/双控：实现房间、走廊、洗手间等灯具，客人可在走廊或床头任一开关进行开与关的控制，避免客人夜间摸黑开灯的烦恼。
- 远程控制：可通过手机APP实现各种智能控制，远程在线查看相关设备的工作状态。

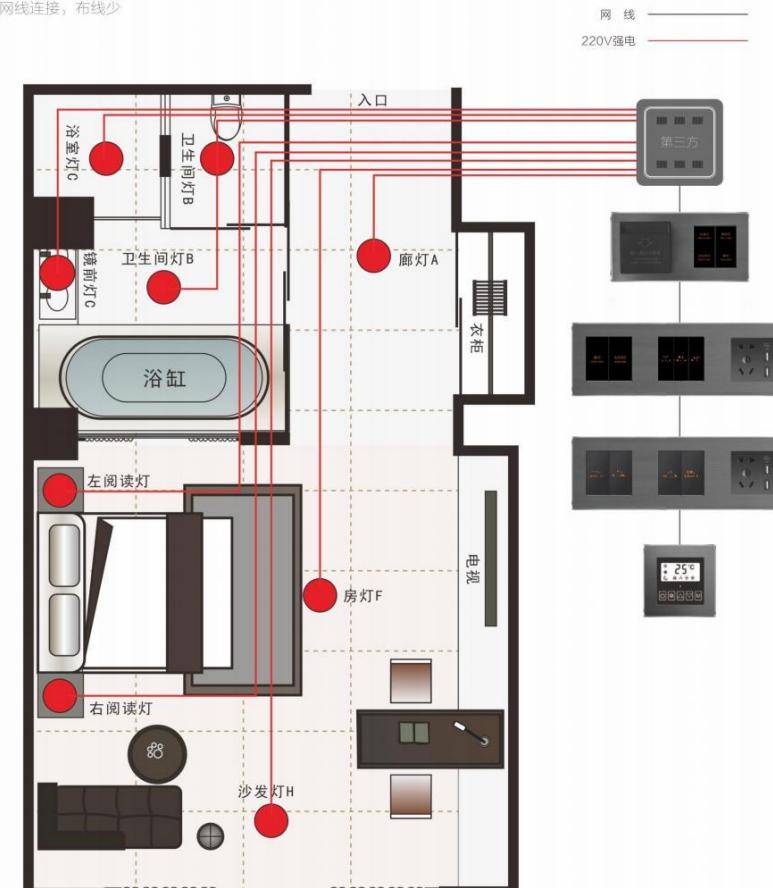
KNX解决方案

- 互联互通，无缝对接
- 开放与兼容
- 产品稳定，维护简单
- 可下载手机APP，实现远程控制



RCU(485协议)解决方案

- 有线连接，交付后运行稳定
- 485手拉手网线连接，布线少



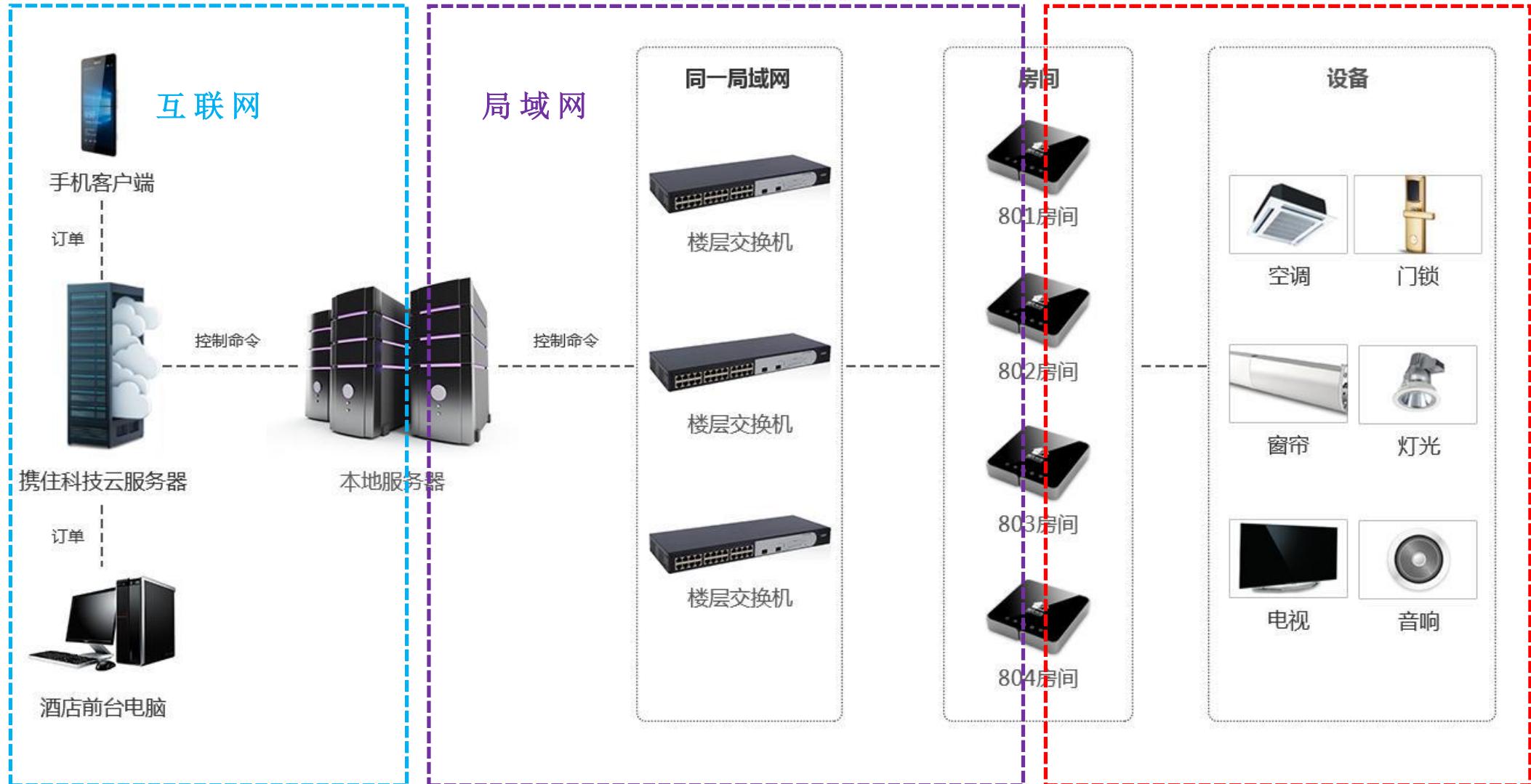
■ 一键总开关、双控、多控、场景模式等

■ 一键总关：客人入睡前无需起身，轻触总关，所有指定灯光关闭，每路又可独自开启。
■ 多控/双控：实现房间、走廊、洗手间等灯具，客人可在走廊或床头任一开关进行开与关的控制，避免客人夜间摸黑开灯的烦恼。

■ 远程控制：可通过手机APP实现各种智能控制，远程在线查看相关设备的工作状态。

■ 所有开关通过12V供电，接线到RCU，通过RCU实现各种智能控制

系统部署



产品目录



- | | | |
|----|----------------|----------------|
| 01 | Gaea III's魔盒 | |
| 02 | Gaea III's智芯 | |
| 03 | Gaea III's幻卡 | |
| 04 | Gaea III's流光 | 11 Smart-24A |
| 05 | Gaea III's温控面板 | 12 Smart-CUBE |
| 06 | Gaea III's乐控 | 13 潘多拉 |
| 07 | Gaea III's微享 | 14 Smart魔方 |
| 08 | Gaea III's光应 | 15 U Say声控遥控器 |
| 09 | Gaea III's雷达人感 | 16 U Cam刷脸门铃 |
| 10 | Gaea III's门磁 | 17 U Check未来前台 |

更多新品正在途中...

全新升级版GaeaⅢ's魔盒
开启智能生活新时代

GaeaⅢ's魔盒

产品功能与特色

GaeaⅢ's魔盒，所有智能设备的“智慧大脑”，采用ZigBee智能自组网，数据传输，银行级别加密保护。通过酒店云端服务器、酒店本地服务器，实现所有智能设备的控制。

型号 GSH-3000F

技术参数 供电方式: DC 5-12A

通信协议: 兼容ZigBee HA协议

发射功率: 4.5dBm

工作环境: 温度: -10~60°C;

湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源，加网操作

功能描述 连接组网设备

安装说明 两孔电源适配器直插220v不间断电源，网口直接预留酒店局域网网线。



第一代



第二代

电视控制

灯光控制

空调控制

窗帘控制

开关控制

背景音乐

场景控制

影音控制

语音智控

智能门锁，独特记忆功能
让门也成为优秀的管理员

GaeaⅢ's智芯

产品功能与特色

GaeaⅢ's智芯，是新型智能酒店门锁芯片，主要用于房间门锁控制，实现酒店智能门锁与云端系统服务器的实时连接，保持即时响应，为顾客提供手机微信自动开门的智能体验。可对接市面上99.7%以上的门锁。

型号 GSC-3000F

技术参数 供电方式: DC 6V (四节5号电池)

通信协议: 兼容ZigBee HA协议

发射功率: 4.5dBm

工作环境: 温度: -10~60°C;
湿度: ≤95%RH (不凝结)

加密方式: AES-128 位密钥动态加密

无线接收灵敏度: <-90dBm

操作方法 连接电源, 加网操作, 客户端控制设备

功能描述 客户端控制开锁、刷卡开锁

安装说明 本产品镶嵌在酒店门锁内部, 打开门锁, 将智芯的两排排线分别接在门锁主板与门锁芯片之上; 接线完毕, 将门锁还原



有爱的智能，随心所控

GaeaⅢ's幻卡

产品功能与特色

GaeaⅢ's取电开关，采用LED按键背光板技术，触感细腻，实现客户端控制取电或者插卡取电，简约外形风格，可定制化设计。

型号 GPW-3000X

技术参数 供电方式：AC 50~60Hz 190~240V

通信协议：兼容ZigBee HA协议

额定最大电流：30A

静态工作功率：1W

发射功率：4.5dBm

最大负载功率：6600W

断电延时时间：10~20秒

工作环境：温度：-10~60°C； 湿度：≤95%RH (不凝结)

使用寿命：继电器触点在220V满负载时，寿命大于10万次

操作方法 连接电源 加网操作 客户端控制设备

功能描述 客户端控制取电、插卡取电



**Zigbee 智能
空开**

品牌： 拉斐D系、拉斐G系

尚惠系

佳普系

有爱的智能，随心所控

GaeaⅢ's流光

产品功能与特色

GaeaⅢ's灯光面板，LED按键背光板技术，实现客户端控制酒店灯光。PC系列、铝合金拉丝系列、触屏系列、玻璃系列等不同款式，简约外形风格，可定制化设计。

型号 GTS-3000X

技术参数 供电方式：AC 50~60Hz 190~240V

通信协议：兼容ZigBee HA协议

额定电流：10A

额定功率：2200W

静态功耗：<0.1W

发射功率：4.5dBm

工作环境：温度：-10~60°C；湿度：≤95%RH（不凝结）

使用寿命：继电器触点在220V满负载时，寿命大于10万次

操作方法 连接电源，加网操作，客户端控制

功能描述 触摸或按键操控灯光电源



品牌： 拉斐D系、拉斐G系
尚惠系
佳普系

有爱的智能，随心所控

GaeaⅢ's温控面板

产品功能与特色

温控面板，采用国标通用LCD液晶显示、LED背光技术，适用于空调控制，调节温度、模式、风速等，达到房间内温湿度舒适及节能目的。

型号 TDS-6000X

技术参数 供电方式: AC 50~60Hz 190~240V

通信协议: 兼容ZigBee HA 协议

静态功耗: <0.5W

发射功率: 4.5dBm

工作环境: 温度: -30 ~ 70°C 湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 客户端控制空调



品牌: 拉斐D系、拉斐G系
尚惠系
佳普系

全球首创精确传感器，
低功耗ZigBee无线传输技术

GaeaIII's乐控

产品功能与特色

GaeaIII's乐控，通过接受魔盒主机发出的ZigBee指令，并转换成红外信号，实现远程温控，一键启动空调、TV、机顶盒。

型号 GCR-3000F

技术参数 供电方式：DC 5V/1A(Micro-USB)

通信协议：兼容ZigBee HA协议

发射功率：4.5dBm

红外发射功率：1.2W

静态功耗：<0.1W

工作环境：温度：0 ~ 70°C

湿度：≤95%RH (不凝结)

无线接收灵敏度：<-90dBm

操作方法 连接电源 加网操作 客户端控制设备

功能描述 客户端控制电视空调等设备

安装说明 吸附式安装在酒店中央空调、电视等电器的后方或者其它位置，根据酒店实际情况调整



有爱的智能，随心所控

GaeaIII's微享

产品功能与特色

GaeaIII's微享，通过ZigBee无线网络连接通信，使手机轻松控制窗帘的开关。ZigBee桥接方式，响应灵敏，适合所有强电控制电机。可配合情景模式一起使用 适用于多种窗帘，开合度自由掌控。

型号 GCT-3000F

技术参数 供电方式: AC 50~60Hz 190~240V

通信协议: 兼容ZigBee HA 协议

静态功耗: <50mW

发射功率: 4.5dBm

工作环境: 温度: -30 ~ 70°C

湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源 加网操作 客户端控制设备

功能描述 客户端控制窗帘开关

安装说明 控制器一边结干接点四芯线，一边接220v零火线 (不分零火)



小巧灵动
非凡感知的内“芯”

GaeaⅢ's光应

产品功能与特色

GaeaⅢ's光应，主要用于房间内人体感应，在设定时间范围内，自动扫描房间状态，判断房间内是否有人，实现无人状态下智能关闭电器设备。

型号 HBI-3000F

技术参数 供电方式：DC 3V (CR2450纽扣电池)

通信协议：兼容ZigBee HA协议

待机电流：15uA

发射功率：4.5dBm

工作环境：温度：-10~60°C;
湿度：≤95%RH (不凝结)

无线接收灵敏度：<-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 检测区域内是否有人经过

安装说明 电池供电，吸附墙壁安装，根据酒店实际情况调整



小巧灵动
非凡感知的内“芯”

GaeaⅢ's雷达人感红外二合一

产品功能与特色

GaeaⅢ's雷达人感红外二合一，主要用于房间内人体感应，在设定时间范围内，自动扫描房间状态，判断房间内是否有人，实现无人状态下智能关闭电器设备；并且拥有红外乐控的功能，通过接受魔盒主机发出的ZigBee指令，并转换成红外信号，实现远程温控，一键启动空调、TV、机顶盒。

型号 HBI-3000F

技术参数 供电方式：AC 50~60Hz 190~240V

通信协议：兼容ZigBee HA协议

待机电流：15uA

发射功率：4.5dBm

工作环境：温度：-10~60°C；
湿度：≤95%RH (不凝结)

无线接收灵敏度：<-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 检测区域内是否有人经过，发送红外控制信号

安装说明 吸附墙壁安装，根据酒店实际情况调整





全球首创精确传感器，
低功耗ZigBee无线传输技术

Gaea III's门磁

产品功能与特点

Gaea III's门磁，嵌入式安装在房门上，记录房间状态，并与魔盒主机、人体热感应系统配合，实现酒店房间无人状态下，智能断电控制。

型号 MDC-3000F

技术参数 供电方式：DC 3V (CR2032纽扣电池)

通信协议：兼容ZigBee HA协议

发射功率：4.5dBm

工作环境：温度：-10~60°C；
湿度：≤95%RH (不凝结)

无线接收灵敏度：<-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 实时反馈门的开关状态

安装说明 门上、门框开孔

Smart-24A

产品功能与特色

弱电客控，实现智能设备的控制。

型号：Smart—24A

技术参数：弱电客控，可接15-20路灯控、1部风管机式水机空调（485温控面板）、蓝牙背景音乐（支持本地以及手机蓝牙播放）、1个门磁开关、1个弱点门显、1个弱电取电开关、2个弱电人体感应，32个干接点开关，支持和原有强电系统搭配使用，实现智能设备的控制。

功能描述：酒店房间控制单元



Smart-CUBE

产品功能与特色

Smart-CUBE系列产品，摒弃了传统RCU为了匹配各类房型，设计几十种产品的弊病。把客房功能需求模块化，根据实际控制需求选择各功能模块的配置数量。并且通过我们的客控和云控系统可以配置单控干接点、单控情景和循环情景。大大提高了产品的适应能力。

各功能模块之间都是通过485总线连接，安装方便。但是在项目做方案时，需要把功能模块的种类和数量统一出清单，待产品全部到位后组装到Smart-CUBE配电箱中（配电箱由项目需求定制）。

MB(主机)



GD(干接点模组)



CL(窗帘模组)



WK(空调温控模组)

TG(调光模组)

DK(灯控模组)

潘多拉 24小时在线客房语音管家



没有比“说”更快、更自然的交互方式

全国首款24小时在线的智能客房语音管家——潘多拉，拥有强大的自然语言交互系统，支持“免重复唤醒”、“流式交互”和“多轮对话”，可轻松实现远场超距离响应。有问题直接对话：从客房控制到客房服务响应，从影音播放从生活百科，从娱乐学习到情感陪聊……300多项智慧技能，开口即得，彻底唤醒客房服务，真正让酒店进入语音时代！

“客控+客需”集成智控

远场超距离响应

智能流式交互

多轮对话

300+项交互技能

30+方言识别

免重复唤醒



Application scenario guide

Smart Hotel

MS presence sensor+LS presence sensor



Smart Office

LS presence sensor+SS presence sensor+AI presence sensor



 Conference Room:
LS presence sensor

 The third bathroom:
AI presence sensor

 Public toilet seats:
SS presence sensor



 Private toilet:
LS presence sensor

 Public office areas:
LS presence sensor

 Audio-visual training room:
LS presence sensor

 Public corridors:
HI motion sensor

Smart home

LS presence sensor + MS presence sensor



 Guest room entrance:
MS presence sensor



 Guest bathroom:
LS presence sensor

 Guest bedroom:
MS presence sensor

 Guest room leisure area:
MS presence sensor

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Flush mounting, can highly integrated with space ceiling



Parameter

- 【Working Voltage】 220V - 240V AC 50Hz / 60Hz
- 【Product Size】 $\varnothing 85 \times 52\text{mm}$
- 【Cut-size】 $\varnothing 70\text{mm}$
- 【Max Detection Area】 motion 4m/minor-motion 3m/
Breathing 2.5m (radius)
- 【Daylight Sensor】 5 -150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 ON/OFF
- 【Max Rated Load】 400W(Inductive)/800W(Resistive)
- 【Detection Technology】 5.8GHz microwave presence detection + daylight detection
- 【Installation Mode】 Flush mounting

Application



Open office area



Office conference room

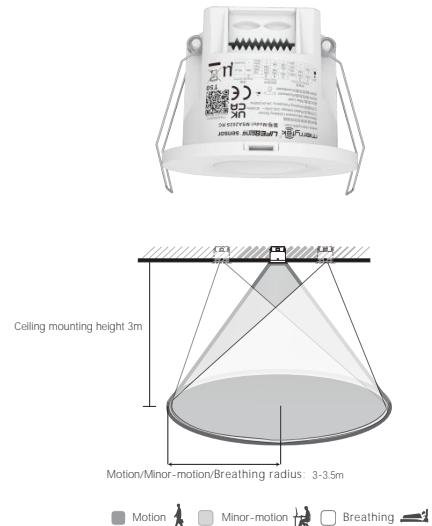
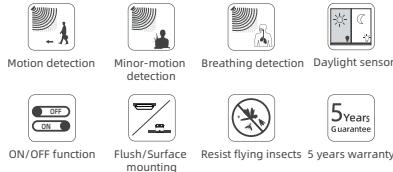
Presence sensor

ON/OFF Version

MSA202S RC

Product Features

- 24GHz millimeter wave presence detection technology, accurately realize space presence detection
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Original half-wave folding antenna, the maximum detection coverage of a single unit reaches 40m²
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Flush mounting, can highly integrated with space ceiling



Parameter

【Working Voltage】	220 - 240V AC 50Hz / 60Hz
【Product Size】	φ65 × 51.5mm
【Cut-size】	φ55mm
【Max Detection Area】	Motion/minor-motion/Breathing 3.5m (radius)
【Daylight Sensor】	50 Lux / Disable
【Mounting Height】	2-4m (typical value: 3m)
【Output Signal】	ON/OFF
【Max Rated Load】	400W(Inductive)/800W(Resistive)
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush/Surface mounting (Need to choose surface-mounting box)

Application



Kitchen

bathroom

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Dry contact signal output, connect to various integrated control systems in seconds
- High-frequency microwave radar detection technology, which is not affected by light, heat, and water vapor, and can easily penetrate glass to detect



Parameter

- | | |
|------------------------|---|
| 【Working Voltage】 | 12 - 24V DC |
| 【Working Current】 | ≤ 50mA |
| 【Product Size】 | φ85 × 52.5mm |
| 【Cut-size】 | φ70mm |
| 【Max Detection Area】 | Motion 4m/minor-motion 3m/
Breathing 2.5m (radius) |
| 【Daylight Sensor】 | 5 - 150 Lux / Disable |
| 【Mounting Height】 | 2 - 4m (typical value: 3m) |
| 【Output Signal】 | NO/NC dry contact |
| 【Detection Technology】 | 5.8GHz microwave presence detection+ daylight detection |
| 【Installation Mode】 | Flush mounting |

Application



Bedroom



Guest room master bedroom

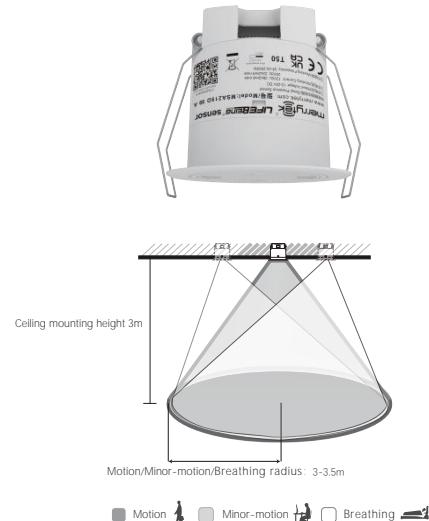
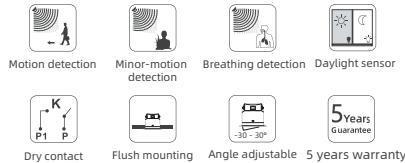
Presence sensor

Dry Contact Version

MSA219D 99 A

Product Features

- 24GHz millimeter wave presence detection technology, accurately realize real human body presence detection
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Original half-wave folding antenna, the maximum detection coverage of a single unit reaches 40m²
- Sensor parameters can be set by MH10 remote control, it is convenient for pre-installation/post-installation debugging
- The sensor angle can be flexibly adjusted and is conveniently suitable for various home and commercial ceiling application scenarios.



Parameter

- 【Working Voltage】 12 - 24V DC
- 【Working Current】 ≤ 50mA
- 【Product Size】 φ85 × 43.5mm
- 【Cut-size】 φ70mm
- 【Max Detection Area】 Motion/minor-motion/Breathing 3.5m (radius)
- 【Daylight Sensor】 5 -150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 NO/NC dry contact
- 【Detection Technology】 24GHz millimeter wave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



Independent office



Office conference room



Dry Contact Version
MSA021 RC

Presence sensor

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Dry contact signal output, connect to various integrated control systems in seconds
- High-frequency microwave radar detection technology, which is not affected by light, heat, and water vapor, and can easily penetrate glass to detect



Parameter

- 【Working Voltage】 100 - 240V AC 50Hz / 60Hz
- 【Working Current】 $\leq 50\text{mA}$
- 【Product Size】 $\varnothing 85 \times 52.5\text{mm}$
- 【Cut-size】 $\varnothing 70\text{mm}$
- 【Max Detection Area】 Motion 4m/minor-motion 3m/
Breathing 2.5m (radius)
- 【Daylight Sensor】 5 - 150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 NO/NC dry contact
- 【Detection Technology】 5.8GHz microwave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



Bedroom



Guest room master bedroom

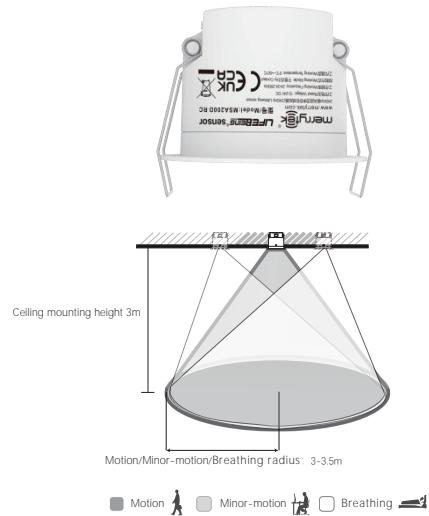
Presence sensor

Dry Contact Version

MSA200D RC

Product Features

- 24GHz millimeter wave presence detection technology, accurately realize real human body presence detection
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Original half-wave folding antenna, the maximum detection coverage of a single unit reaches 40m²
- Sensor parameters can be set by MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Dry contact signal output, connect to various integrated control systems in seconds



Parameter

- 【Working Voltage】 12 - 24V DC
- 【Working Current】 ≤ 50mA
- 【Product Size】 φ52.5 × 34.5mm
- 【Cut-size】 φ45mm
- 【Max Detection Area】 Motion/minor-motion/Breathing 3.5m (radius)
- 【Daylight Sensor】 5 -150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 NO/NC dry contact
- 【Detection Technology】 24GHz millimeter wave presence detection+ daylight detection
- 【Installation Mode】 Flush/Surface mounting (Need to choose surface-mounting box)

Application



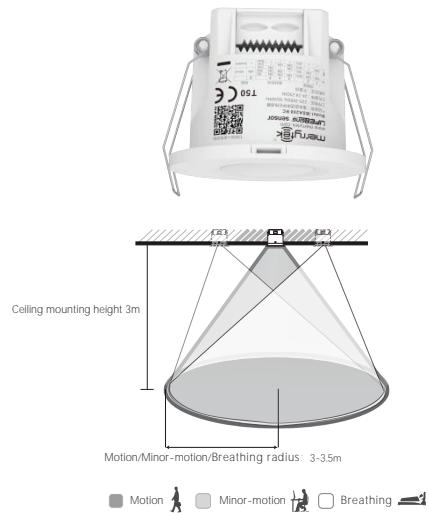
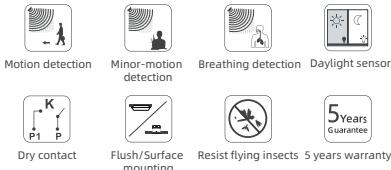
Bedroom



Guest room master bedroom

Product Features

- 24GHz millimeter wave presence detection technology, accurately realize real human body presence detection
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Original half-wave folding antenna, the maximum detection coverage of a single unit reaches 40m²
- Sensor parameters can be set by MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Dry contact signal output, connect to various integrated control systems in seconds



Parameter

- | | |
|------------------------|--|
| 【Working Voltage】 | 100 - 240V AC 50Hz / 60Hz |
| 【Working Current】 | ≤ 50mA |
| 【Product Size】 | φ65 × 51.5mm |
| 【Cut-size】 | φ55mm |
| 【Max Detection Area】 | Motion/minor-motion/Breathing 3.5m (radius) |
| 【Daylight Sensor】 | 5 - 150 Lux / Disable |
| 【Mounting Height】 | 2-4m (typical value: 3m) |
| 【Output Signal】 | NO/NC dry contact |
| 【Detection Technology】 | 24GHz millimeter wave presence detection+ daylight detection |
| 【Installation Mode】 | Flush/Surface mounting (Need to choose surface-mounting box) |

Application



Bedroom



Guest room master bedroom

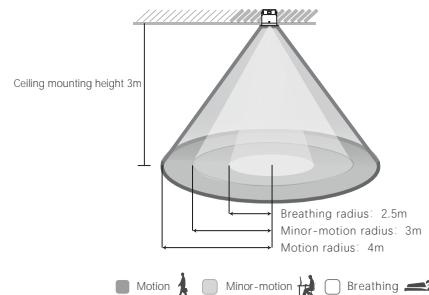
Presence sensor

ON/OFF Version

MSA025S

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Ultra-thin size, highly integrated integration of ceiling mounting and space ceiling



Parameter

- 【Working Voltage】 100 - 240V AC 50Hz / 60Hz
- 【Product Size】 φ110 × 110 × 32mm
- 【Max Detection Area】 Motion 4m/minor-motion 3m /Breathing 2.5m (radius)
- 【Daylight Sensor】 5 -150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 ON/OFF
- 【Max Load Capacity】 400W Inductive/800W Resistive
- 【Detection Technology】 5.8GHz microwave presence detection+ daylight detection
- 【Installation Mode】 Surface mounting

Application



Independent office



Office conference room

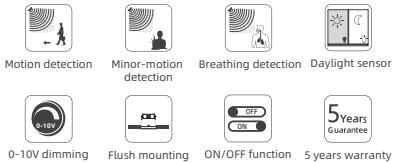


0-10V Version
MSA012 R

Presence sensor

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- It has daylight harvesting function to realize complementary adjustment of light and natural light.
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Support ON/OFF sensor and 0-10V dimming signal output



Parameter

- 【Working Voltage】 100 - 240V AC 50Hz / 60Hz
- 【Product Size】 $\varnothing 105 \times 85\text{mm}$
- 【Cut-size】 $\varnothing 75\text{mm}$
- 【Max Detection Area】 Motion 4m/minor-motion 3m/
Breathing 2.5m (radius)
- 【Daylight Sensor】 5 - 150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 ON/OFF /0-10V
- 【Max Load Capacity】 800W Inductive /
1000W Resistive (@277V)
- 【Detection Technology】 5.8GHz microwave presence detection + daylight harvesting
- 【Installation Mode】 Flush mounting

Application



Independent office



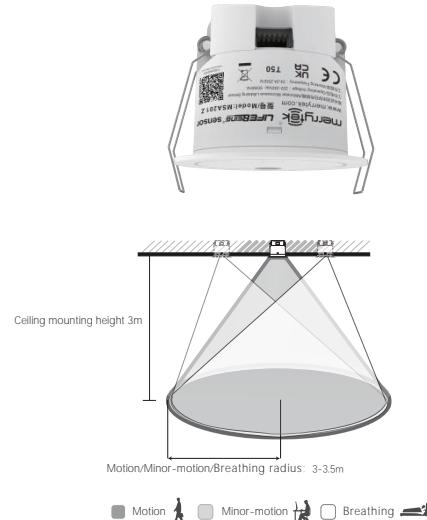
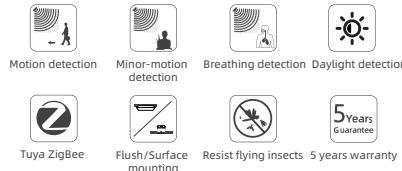
Office conference room

Presence sensor

Tuya ZigBee Version
MSA201 Z

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- Microsecond linkage with Tuya ZigBee 3.0 ecosystem to quickly switch intelligent application scenarios



Parameter

- 【Working Voltage】 100 - 240V AC 50Hz / 60Hz
- 【Working Current】 ≤ 20mA
- 【Product Size】 φ65 × 49.5mm
- 【Cut-size】 φ55mm
- 【Max Detection Area】 Motion/minor-motion/Breathing 3.5m (radius)
- 【Daylight Sensor】 0-1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communicate Mode】 Tuya ZigBee 3.0
- 【Detection Technology】 24GHz millimeter wave presence detection+ daylight detection
- 【Installation Mode】 Flush/Surface mounting
(Need to choose surface-mounting box)

Application



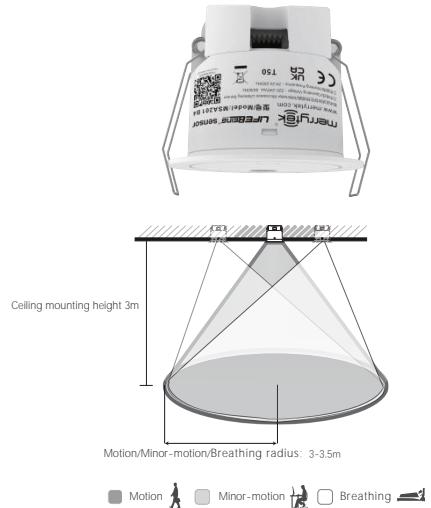
Independent office



Office conference room

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- Microsecond linkage with Tuya Bluetooth ecosystem to quickly switch intelligent application scenarios



Parameter

- | | |
|------------------------|--|
| 【Working Voltage】 | 100 - 240V AC 50Hz / 60Hz |
| 【Working Current】 | ≤ 20mA |
| 【Product Size】 | φ65mm × 49.5 |
| 【Cut-size】 | φ55mm |
| 【Max Detection Area】 | Motion/minor-motion/Breathing 3.5m (radius) |
| 【Daylight Sensor】 | 0-1200Lux |
| 【Mounting Height】 | 2-4m (typical value: 3m) |
| 【Communicate Mode】 | Tuya Bluetooth |
| 【Detection Technology】 | 24GHz millimeter wave presence detection+ daylight detection |
| 【Installation Mode】 | Flush/Surface mounting (Need to choose surface-mounting box) |

Application



Independent office



Office conference room

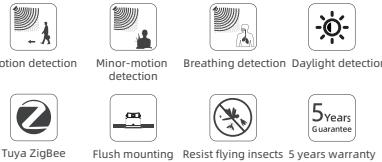
Presence sensor

Tuya ZigBee

MSA035 Z1

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Supported by digital light detection technology, personalized definition of multiple application scenarios linkage
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Microsecond linkage with Tuya ZigBee ecosystem to quickly switch intelligent application scenarios



Parameter

- 【Working Voltage】 100 - 240V AC 50Hz / 60Hz
- 【Working Current】 ≤ 20mA
- 【Product Size】 φ105 × 85mm
- 【Cut-size】 φ75mm
- 【Max Detection Area】 Motion 4m/minor-motion 3m/Breathing 2.5m (radius)
- 【Daylight Sensor】 0-1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communicate Mode】 Tuya ZigBee 3.0
- 【Detection Technology】 5.8GHz microwave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



Kitchen

Bathroom



Tuya ZigBee
MSA050 Z1

Presence sensor

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Microsecond linkage with Tuya ZigBee ecosystem to quickly switch intelligent application scenarios



Parameter

【Working Voltage】	100 - 240V AC 50Hz / 60Hz
【Working Current】	≤ 20mA
【Product Size】	φ110 × 32mm
【Max Detection Area】	Motion 4m/minor-motion 3m/ Breathing 2.5m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communicate Mode】	Tuya ZigBee 3.0
【Detection Technology】	5.8GHz microwave presence detection+ daylight detection
【Installation Mode】	Surface mounting

Application



Independent office

Office conference room

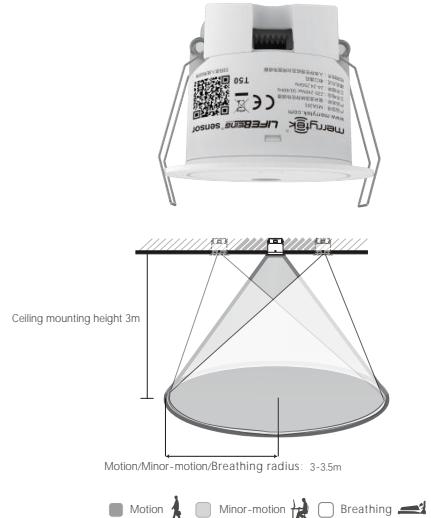
Presence Sensor

UART Protocol

MSA201

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- Serial port signal output, supports docking with any communication module



Parameter

【Working Voltage】	100 - 240V AC 50 / 60Hz
【Working Current】	≤ 20mA
【Product Size】	φ65 × 49.5mm
【Cut-size】	φ55mm
【Max Detection Area】	Motion/minor-motion/Breathing 3.5m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Output Signal】	UART serial port, support customer-supplied communication module docking
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush/Surface mounting (Need to choose surface-mounting box)

Application



Independent office

Living room

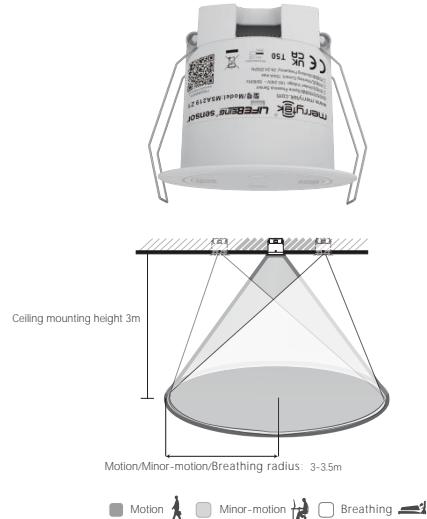
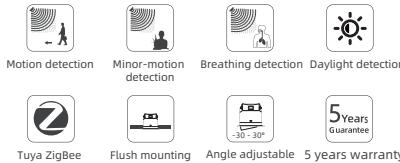


Tuya ZigBee
MSA219 Z1

Presence Sensor

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- The sensor angle can be flexibly adjusted, making it suitable for all types of home, commercial ceilings and application scenarios



Parameter

【Working Voltage】	100 - 240V AC 50 / 60Hz
【Working Current】	≤ 20mA
【Product Size】	φ85 × 43.5mm
【Cut-size】	φ70mm
【Max Detection Area】	Motion/minor-motion/Breathing 3.5m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communicate Mode】	Tuya ZigBee 3.0
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush mounting

Application



Hotel bedroom

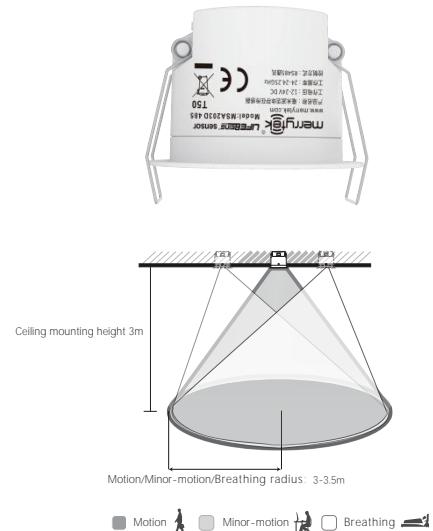
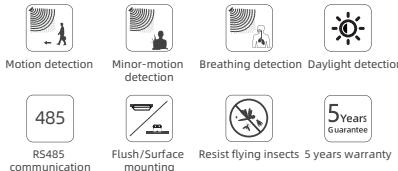
Guest room leisure area

Presence Sensor

RS485
MSA203D 485

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- RS485 signal output, support docking with any RS485 system



Parameter

【Working Voltage】	12 - 24V DC
【Working Current】	≤ 50mA
【Product Size】	φ52.5 × 34mm
【Cut-size】	φ45mm
【Max Detection Area】	Motion/minor-motion/Breathing 3.5m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communicate Mode】	RS485
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush/Surface mounting (Need to choose surface-mounting box)

Application



Independent office

Office conference room

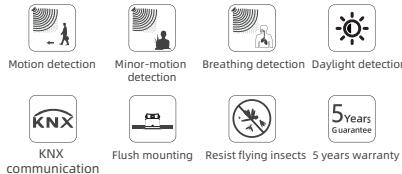
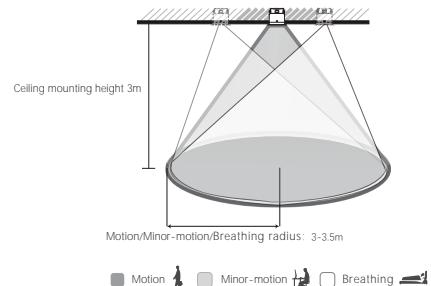


KNX
MSA206K 99

Presence Sensor

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- KNX signal output; microsecond linkage with KNX ecosystem to quickly switch smart application scenarios
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management



Parameter

- 【Working Voltage】 Auxiliary power port: 12 - 24V DC
- 【Working Current】 ≤ 55mA
- 【Product Size】 φ89 × 34mm
- 【Cut-size】 φ60mm
- 【Max Detection Area】 Motion/minor-motion/Breathing 3.5m (radius)
- 【Daylight Sensor】 0 - 65535 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communicate Mode】 KNX communication
- 【Detection Technology】 24GHz millimeter wave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



Guest bathroom



Guest room leisure area

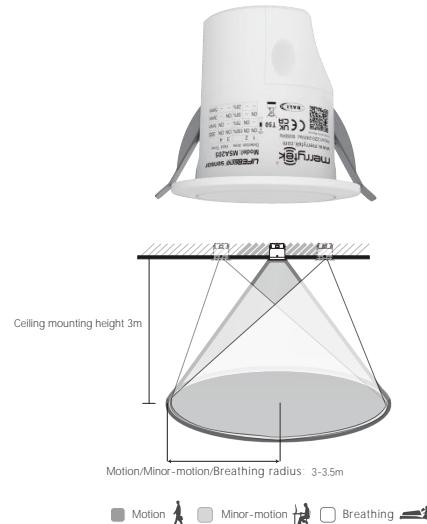
Presence Sensor

DALI 2.0

MSA205

Product Features

- 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- Integrated digital light detection, combined with DALI 2.0 host, can realize light adaptive function
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping.
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- DALI 2.0 communication, microsecond linkage DALI lighting control scene



Parameter

【Working Voltage】	100-240V AC 50Hz / 60Hz
【Product Size】	φ105 × 85mm
【Cut-size】	φ75mm
【Max Detection Area】	Motion/minor-motion/ Breathing 3.5m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communicate Mode】	DALI 2.0 communication
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush mounting

Application



Independent office



Large conference room

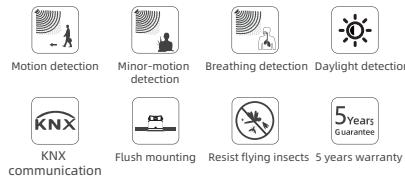


KNX
MSA017K RC

Presence Sensor

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Supported by digital light detection technology, personalized definition of multiple application scenarios linkage
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Supports ETS setting of sensor parameters, portable pre-installation/post-installation debugging
- Microsecond linkage with KNX ecosystem to quickly switch automation scenarios
- Compatible with flush mounting and 86 bottom box installation



Parameter

【Working Voltage】	21 - 30V DC
【Working Current】	≤ 15mA
【Product Size】	φ89 × 34mm
【Cut-size】	φ60mm
【Max Detection Area】	Motion 4m/minor-motion 3m/ Breathing 2.5m (radius)
【Daylight Sensor】	0 - 65535 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communicate Mode】	KNX bus communication
【Detection Technology】	5.8GHz microwave presence detection+ daylight detection
【Installation Mode】	Flush mounting

Application



Independent office



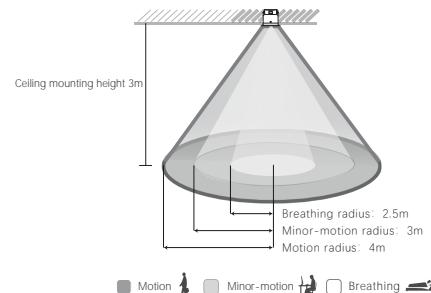
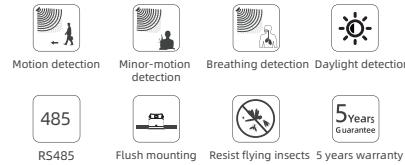
Large conference room

Presence Sensor

RS485
MSA043D 485

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Supported by digital light detection technology, personalized definition of multiple application scenarios linkage
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Supports RS485 protocol, remote control (MH10) to set sensor parameters, it is convenient for pre-installation/post-installation debugging
- RS485 signal output, supports docking with any RS485 system
- Compatible with flush mounting and 86 bottom box installation



Parameter

- 【Working Voltage】 12 - 24V DC
- 【Working Current】 $\leq 30\text{mA}$
- 【Product Size】 $\varphi 89 \times 34\text{mm}$
- 【Cut-size】 $\varphi 60\text{mm}$
- 【Max Detection Area】 Motion 4m/minor-motion 3m/
Breathing 2.5m (radius)
- 【Daylight Sensor】 0 - 1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communicate Mode】 RS485
- 【Detection Technology】 5.8GHz microwave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



Living room

Bathroom



RS485
MSA036D 485

Presence Sensor

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Supported by digital light detection technology, personalized definition of multiple application scenarios linkage
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Supports RS485 protocol, remote control (MH10) to set sensor parameters, it is convenient for pre-installation/post-installation debugging
- RS485 signal output, supports docking with any RS485 system



Parameter

- 【Working Voltage】 12 - 24V DC
- 【Working Current】 $\leq 30\text{mA}$
- 【Product Size】 $\phi105 \times 23\text{mm}$
- 【Max Detection Area】 Motion 4m/minor-motion 3m/
Breathing 2.5m (radius)
- 【Hold Time】 2s - 7200s
- 【Daylight Sensor】 0 - 1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communicate Mode】 RS485
- 【Detection Technology】 5.8GHz microwave presence detection+ daylight detection
- 【Installation Mode】 Surface mounting

Application



Living room

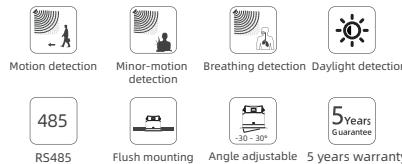
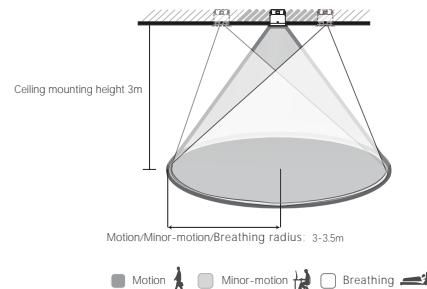
Bathroom

Presence Sensor

RS485
MSA219D 485 A

Product Features

- Autonomous driving level 24GHz millimeter wave radar detection technology, the first choice for presence detection in large spaces
- The human body LifeBeing sensor range is up to 40m², effectively realizing one sensor for full-space management
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- RS485 signal output, supports docking with any RS485 system
- The sensor angle can be flexibly adjusted, making it suitable for all types of home, commercial ceilings and application scenarios



Parameter

【Working Voltage】	12 - 24V DC
【Working Current】	≤ 50mA
【Product Size】	φ85 × 43.5mm
【Cut-size】	φ70mm
【Max Detection Area】	Motion/minor-motion/Breathing 3.5m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communicate Mode】	RS485
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush mounting

Application



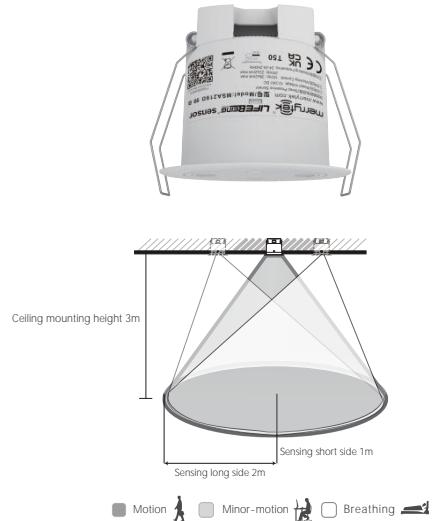
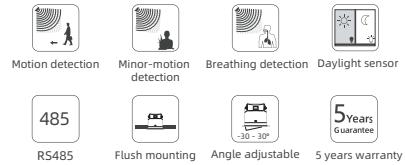
Living room



Dining room

Product Features

- Multi-array high-gain 24G millimeter wave planar antenna technology, dedicated for deep sleep Presence detection
- Within the confines of one bed and presence detection area, No loss of human presence signal
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- Dry contact signal output, connected to various integrated control systems in seconds
- The sensor angle can be flexibly adjusted and is conveniently suitable for various home and commercial ceiling application scenarios.



Parameter

- | | |
|------------------------|---|
| 【Working Voltage】 | 12 - 24V DC |
| 【Working Current】 | ≤ 50mA |
| 【Product Size】 | φ85 × 43.5mm |
| 【Cut-size】 | φ70mm |
| 【Max Detection Area】 | Motion/minor-motion/Breathing 2m (radius) |
| 【Daylight Sensor】 | 5 - 150 Lux / Disable |
| 【Mounting Height】 | 2-4m (typical value: 3m) |
| 【Output Signal】 | NO/NC dry contact |
| 【Detection Technology】 | 24GHz millimeter wave human body sleep Presence detection+ daylight detection |
| 【Installation Mode】 | Flush mounting |

Application



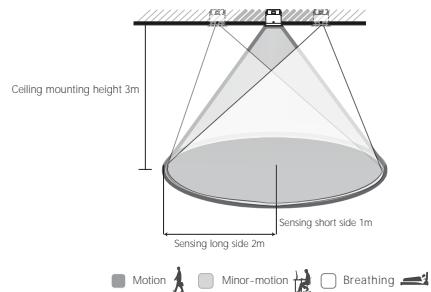
Guest room master bedroom Guest room leisure area

Deep Sleep Sensor

Tuya ZigBee
MSA220Z

Product Features

- Multi-array high-gain 24G millimeter wave planar antenna technology, dedicated for deep sleep Presence detection
- Within the confines of one bed and presence detection area, No loss of human presence signal
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- Microsecond linkage with Tuya ZigBee ecosystem to quickly switch automation scenario



Parameter

- 【Working Voltage】 100 - 240V AC 50Hz / 60Hz
- 【Working Current】 $\leq 20\text{mA}$
- 【Product Size】 $\phi 65 \times 49.5\text{mm}$
- 【Cut-size】 $\phi 55\text{mm}$
- 【Max Detection Area】 Motion/minor-motion/Breathing 2m (radius)
- 【Daylight Sensor】 0-1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communication Mode】 Tuya ZigBee3.0
- 【Detection Technology】 24GHz millimeter wave human body sleep Presence detection+ daylight detection
- 【Installation Mode】 Flush/Surface mounting (Need to choose surface-mounting box)

Application



Guest room master bedroom Guest room leisure area

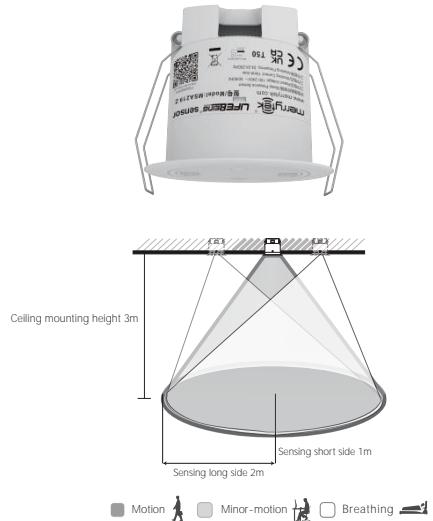
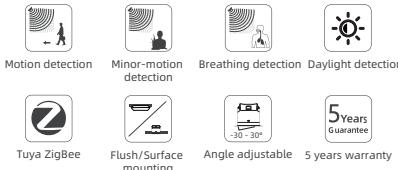


Tuya ZigBee
MSA219Z

Deep Sleep Sensor

Product Features

- Multi-array high-gain 24G millimeter wave planar antenna technology, dedicated for deep sleep Presence detection
- Within the confines of one bed and presence detection area, No loss of human presence signal
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- Supported by light detection technology, personalized definition of multiple application scenarios linkage
- The sensor angle can be flexibly adjusted and is conveniently suitable for various home and commercial ceiling application scenarios.



Parameter

【Working Voltage】	100 - 240V AC 50Hz / 60Hz
【Working Current】	≤ 20mA
【Product Size】	φ80 × 43.5mm
【Cut-size】	φ70mm
【Max Detection Area】	Motion/minor-motion/Breathing 2m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communication Mode】	Tuya ZigBee3.0
【Detection Technology】	24GHz millimeter wave human body sleep Presence detection+ daylight detection
【Installation Mode】	Flush/Surface mounting (Need to choose surface-mounting box)

Application



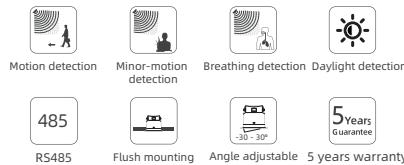
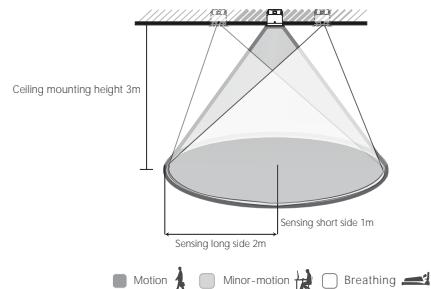
Guest room master bedroom Guest room leisure area

Deep Sleep Sensor

RS485
MSA219D 485 B

Product Features

- Multi-array high-gain 24G millimeter wave planar antenna technology, dedicated for deep sleep Presence detection
- Within the confines of one bed and presence detection area, No loss of human presence signal
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- RS485 signal output, support docking with any RS485 system
- The sensor angle can be flexibly adjusted and is conveniently suitable for various home and commercial ceiling application scenarios.



Parameter

- 【Working Voltage】 12 - 24V DC
- 【Working Current】 $\leq 50\text{mA}$
- 【Product Size】 $\phi 80 \times 43.5\text{mm}$
- 【Cut-size】 $\phi 70\text{mm}$
- 【Max Detection Area】 Motion/minor-motion/Breathing 2m (radius)
- 【Daylight Sensor】 0 - 1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 RS485
- 【Detection Technology】 24GHz millimeter wave human body sleep Presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



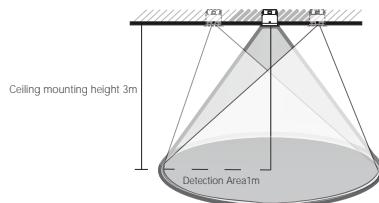
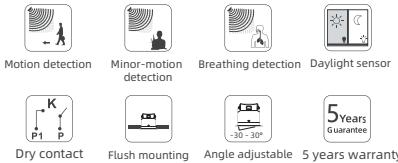
Guest room leisure area



Guest room leisure area

Product Features

- Accurate detection of human body occupancy status, No loss of human presence signal
- Detection diameter $\leq 1m$, dedicated for presence detection
- The first choice for work station/toilet station detection needs
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- Dry contact signal output, connected to various integrated control systems in seconds



■ Motion ■ Minor-motion ■ Breathing

Parameter

【Working Voltage】	12 - 24V DC
【Working Current】	$\leq 50mA$
【Product Size】	$\varnothing 85 \times 52.5mm$
【Cut-size】	$\varnothing 70mm$
【Max Detection Area】	Motion/minor-motion/Breathing 1m (radius)
【Daylight Sensor】	5 - 150 Lux / Disable
【Mounting Height】	2-4m (typical value: 3m)
【Output Signal】	NO/NC dry contact
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush mounting

Application



Shared workstations



Public toilet

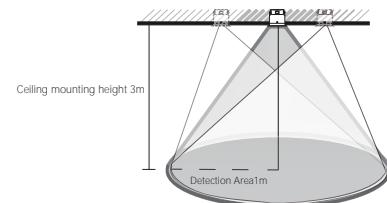
Occupancy Sensor

ON/OFF Version

MSA215 99

Product Features

- Accurate detection of human body occupancy status, No loss of human presence signal
- Detection diameter $\leq 1m$, dedicated for presence detection
- The first choice for work station/toilet station detection needs
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- 400W inductive/800W resistive load carrying capacity



■ Motion ■ Minor-motion □ Breathing

Parameter

- 【Working Voltage】 220 - 240V AC 50Hz / 60Hz
- 【Product Size】 $\varphi 85 \times 52.5\text{mm}$
- 【Cut-size】 $\varphi 70\text{mm}$
- 【Max Detection Area】 Motion/minor-motion/Breathing 1m (radius)
- 【Daylight Sensor】 5 - 150 Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Detection Technology】 24GHz millimeter wave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



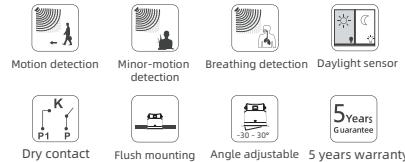
Shared workstations



Public toilet

Product Features

- Precision medical grade 60GHz radar detection technology, No loss of human presence signal
- Detection diameter $\leq 1m$, dedicated for presence detection
- The first choice for work station/toilet station detection needs
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- The sensor boundary is clear, "zero false trigger" and "zero missed"
- The sensor angle can be flexibly adjusted, making it suitable for all types of home, commercial ceilings and application scenarios



Parameter

- | | |
|------------------------|--|
| 【Working Voltage】 | 12 - 24V DC |
| 【Working Current】 | $\leq 300mA$ |
| 【Product Size】 | $\phi 80 \times 43.5mm$ |
| 【Cut-size】 | $\phi 70mm$ |
| 【Max Detection Area】 | Motion/minor-motion/
Breathing 1m (radius) |
| 【Daylight Sensor】 | 5 - 150 Lux / Disable |
| 【Mounting Height】 | 2-4m (typical value: 3m) |
| 【Output Signal】 | NO/NC dry contact |
| 【Detection Technology】 | 60GHz millimeter wave presence detection+ daylight detection |
| 【Installation Mode】 | Flush mounting |

Application



Shared workstations



Public toilet

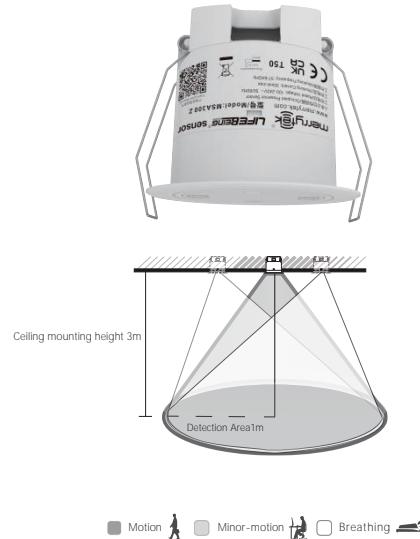
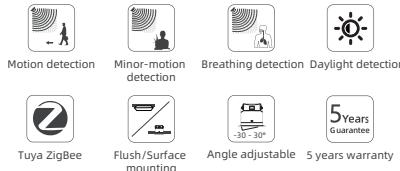
Occupancy Sensor

Tuya ZigBee

MSA300 Z

Product Features

- Precision medical grade 60GHz radar detection technology, No loss of human presence signal
- Detection diameter $\leq 1\text{m}$, dedicated for presence detection
- The first choice for work station/toilet station detection needs
- Microsecond linkage with Tuya ZigBee ecosystem to quickly switch automation scenarios
- The sensor angle can be flexibly adjusted, making it suitable for all types of home, commercial ceilings and application scenarios
- The sensor boundary is clear, "zero false trigger" and "zero missed"



Parameter

【Working Voltage】	100 - 240V AC 50Hz / 60Hz
【Working Current】	$\leq 30\text{mA}$
【Product Size】	$\phi 80 \times 43.5\text{mm}$
【Cut-size】	$\phi 70\text{mm}$
【Max Detection Area】	Motion/minor-motion/Breathing 1m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Communication Mode】	Tuya ZigBee 3.0
【Detection Technology】	60GHz millimeter wave presence detection + daylight detection
【Installation Mode】	Flush mounting

Application



Shared workstations



Public toilet

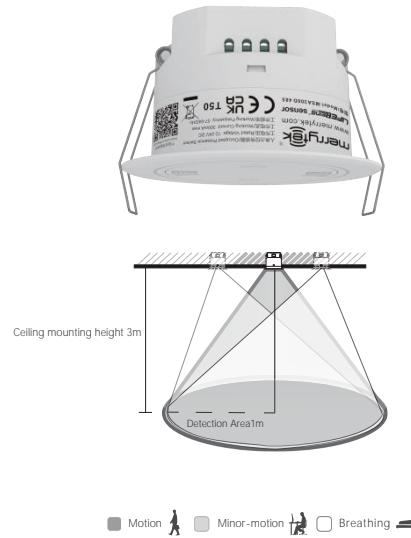
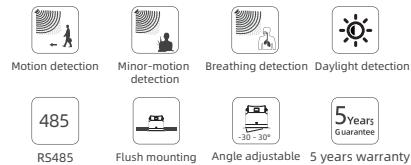


RS485 Version
MSA300D 485

Occupancy Sensor

Product Features

- Precision medical grade 60GHz radar detection technology, No loss of human presence signal
- Detection diameter $\leq 1m$, dedicated for presence detection
- The first choice for work station/toilet station detection needs
- RS485 signal output, support docking with any RS485 system
- The sensor angle can be flexibly adjusted, making it suitable for all types of home, commercial ceilings and application scenarios
- The sensor boundary is clear, "zero false trigger" and "zero missed"



Parameter

【Working Voltage】	12 - 24V DC
【Working Current】	$\leq 300mA$
【Product Size】	$\phi 80 \times 43.5mm$
【Cut-size】	$\phi 70mm$
【Max Detection Area】	Motion/minor-motion/ Breathing 1m (radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Output Signal】	RS485
【Detection Technology】	60GHz millimeter wave presence detection + daylight detection
【Installation Mode】	Flush mounting

Application



Shared workstations



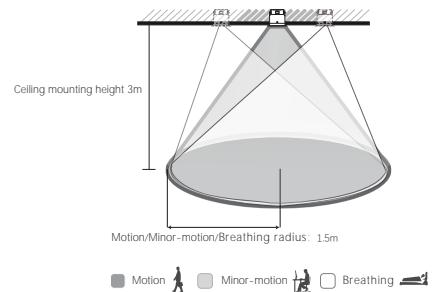
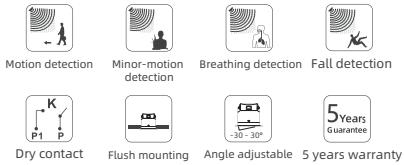
Public toilet

AI Posture Sensor

Tuya WiFi
MSA219 W

Product Features

- Precision medical grade 60GHz radar detection technology, with fall alarm function
- The fall detection accuracy is as high as 99.9%.No loss of human presence signal
- The first choice for health and elderly care monitoring detection
- The detection ranges of motion, minor-motion, and presence sensors are highly overlapping
- The sensor angle can be flexibly adjusted, making it suitable for all types of home, commercial ceilings and application scenarios



Parameter

- 【Working Voltage】 100 - 240V AC
- 【Working Current】 $\leq 30\text{mA}$
- 【Product Size】 $\phi 80 \times 43.5\text{mm}$
- 【Cut-size】 $\phi 70\text{mm}$
- 【Max Detection Area】 Motion/minor-motion/Breathing 1.5m (radius)
- 【Daylight Sensor】 0 - 1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communication Mode】 Tuya Wi-Fi
- 【Detection Technology】 60GHz millimeter wave presence detection+ daylight detection
- 【Installation Mode】 Flush mounting

Application



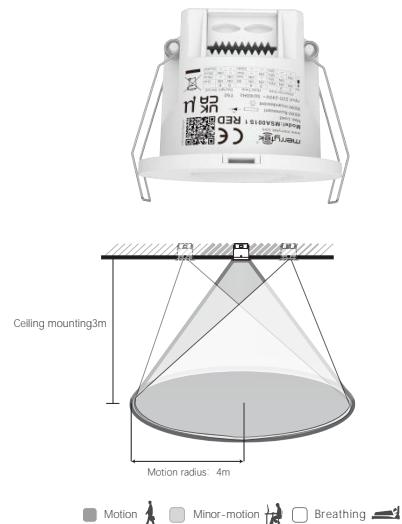
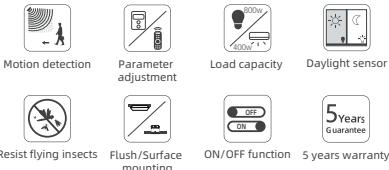
Nursing home bathroom Nursing home single room

Low Mounting Motion Sensor

ON/OFF Version
MSA001S 1

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Sensor parameters can be set by dip switch MH10 remote control, it is convenient for pre-installation/post-installation debugging
- 400W inductive/800W resistive load carrying capacity
- High-frequency microwave radar detection technology is not affected by light, heat, and water vapor, and can easily penetrate glass for detection



Parameter

- 【Working Voltage】 220 - 240V AC 50Hz / 60Hz
- 【Product Size】 $\varnothing 65 \times 51.5\text{mm}$
- 【Cut-size】 $\varnothing 55\text{mm}$
- 【Max Detection Area】 Motion 4m (Radius)
- 【Daylight Sensor】 5 - 50Lux / Disable
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Output Signal】 ON/OFF
- 【Max Rated Load】 400W Inductive/800W Resistive
- 【Detection Technology】 5.8GHz microwave human body motion detection + daylight detection
- 【Installation Mode】 Flush/Surface mounting (Need to choose surface-mounting box)

Application



Entrance

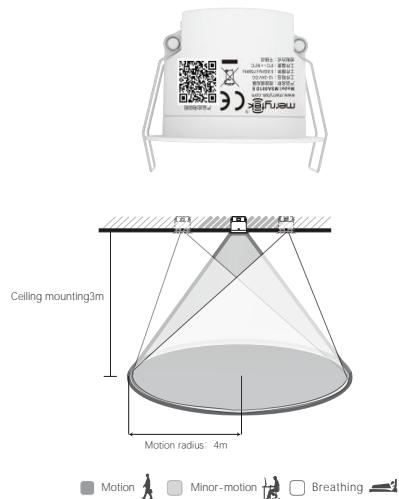
Corridor

Low Mounting Motion Sensor

Dry Contact Version
MSA001D E

Product Features

- 5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal
Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Sensor parameters can be set by MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Dry contact signal output, connects to various integrated control systems in seconds
- High-frequency microwave radar detection technology is not affected by light, heat, and water vapor, and can easily penetrate glass for detection
- Ultra-small opening size allows for hidden ceiling installation



Parameter

【Working Voltage】	12 - 24V DC
【Working Current】	≤ 30mA
【Product Size】	φ52.5 × 34.5mm
【Cut-size】	φ45mm
【Max Detection Area】	Motion 4m (Radius)
【Daylight Sensor】	5 - 50 Lux / Disable
【Mounting Height】	2-4m (typical value: 3m)
【Output Signal】	NO/NC dry contact
【Detection Technology】	5.8GHz microwave human body motion detection + daylight detection
【Installation Mode】	Flush/Surface mounting (Need to choose surface-mounting box)

Application



Entrance

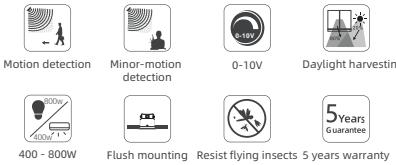
Corridor

Low Mounting Motion Sensor

0-10V Version
MSA012

Product Features

- With daylight harvesting function, the lamp can automatically adjust to external light.
- Patent low impedance antenna, which can effectively resist the interference such as 5G, Wi-Fi and other wireless signal
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Support ON/OFF sensor and 0-10V dimming signal output
5.8GHz microwave presence detection technology, accurately detects human body's motion, minor-motion and breath signal



Parameter

【Working Voltage】	100 - 277V AC 50Hz / 60Hz
【Product Size】	φ105 × 85mm
【Cut-size】	φ75mm
【Detection Area】	Motion 4m /Minor-motion 3m(Radius)
【Daylight Sensor】	0 - 1200 Lux
【Mounting Height】	2-4m (typical value: 3m)
【Stand-by dimming】	10% / 20% / 30% / 50%
【Max Rated Load】	800W(Inductive)/1000W(Resistive)
【Output Signal】	ON/OFF sensor /0-10V
【Detection Technology】	5.8GHz microwave human body motion detection + daylight detection
【Installation Mode】	Flush mounting

Application



Open office area

Large conference room

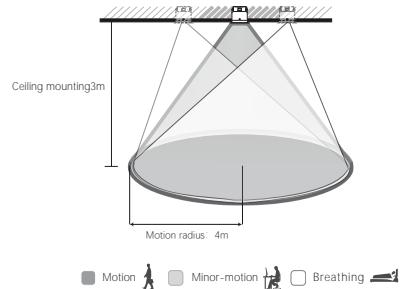
Low Mounting Motion Sensor



Tuya ZigBee
MSA053Z

Product Features

- 24GHz millimeter wave detection technology, achieve precise mobile detection
- Sensor parameters can be set by APP and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Flush mounting can highly integrated with space ceiling
- Millimeter wave radar detection technology is not affected by light and hot water vapor
- Microsecond linkage with Tuya ZigBee ecosystem to quickly switch automation scenarios



■ Motion ■ Minor-motion □ Breathing



Parameter

- 【Working Voltage】 220 - 240V AC 50Hz / 60Hz
- 【Working Current】 $\leq 20\text{mA}$
- 【Product Size】 $\phi 65 \times 46\text{mm}$
- 【Cut-size】 $\phi 55\text{mm}$
- 【Detection Area】 Motion 4m (Radius)
- 【Daylight Sensor】 0 - 1200 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communication Mode】 Tuya ZigBee 3.0
- 【Detection Technology】 24GHz millimeter wave human body motion detection + daylight detection
- 【Installation Mode】 Flush/Surface mounting (Need to choose surface-mounting box)

Application



Entrance

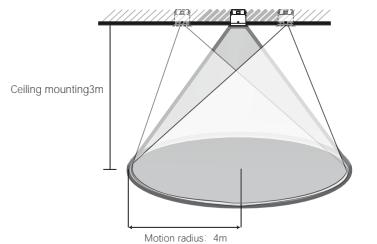
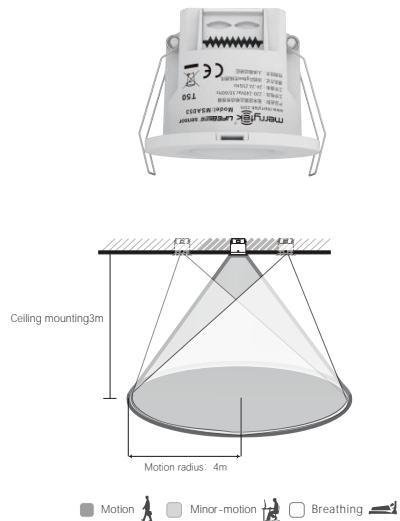
Corridor

Low Mounting Motion Sensor

UART Protocol
MSA053

Product Features

- 24GHz millimeter wave detection technology, achieve precise mobile detection
- Sensor parameters can be set by APP and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Flush mounting can highly integrated with space ceiling
- Millimeter wave radar detection technology is not affected by light and hot water vapor
- Microsecond linkage with Tuya ZigBee ecosystem to quickly switch automation scenarios



■ Motion ■ Minor-motion ■ Breathing

Application



Entrance



Corridor

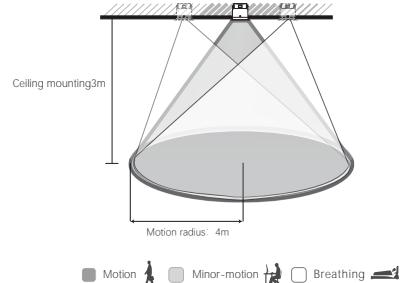
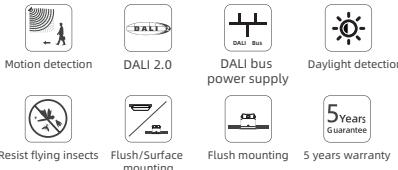


DALI 2.0
MSA055

Low Mounting Motion Sensor

Product Features

- 5.8GHz radar detection technology, achieve precise human body motion detection signal
- DALI bus power supply, support DALI 2.0 wired communication
- Flush mounting can highly integrated with space ceiling
- High-frequency microwave radar detection technology is not affected by light and hot water vapor
- Supported by digital light detection technology, personalized definition of multiple application scenarios linkage



Parameter

【Working Voltage】	DALI bus power supply
【Working Current】	≤ 10mA
【Product Size】	φ65 x 49.5mm
【Cut-size】	φ55mm
【Detection Area】	Motion 4m (Radius)
【Daylight Sensor】	0 - 1200Lux
【Mounting Height】	2-4m (typical value: 3m)
【Output Signal】	DALI 2.0
【Detection Technology】	5.8GHz microwave presence detection+ daylight detection
【Installation Mode】	Flush/Surface mounting(Need to choose surface-mounting box)

Application



Entrance

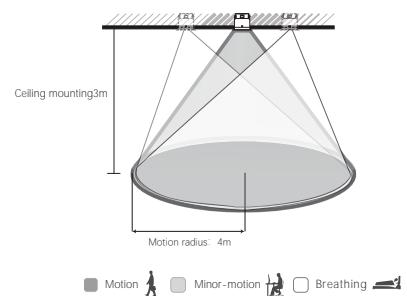
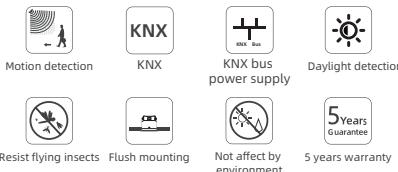
Corridor

Low Mounting Motion Sensor

KNX
MSA056K 99

Product Features

- 5.8GHz radar detection technology, achieve precise human body motion detection signal
- KNX bus power supply, support KNX wired communication
- Flush mounting can highly integrated with space ceiling
- High-frequency microwave radar detection technology is not affected by light and hot water vapor
- Supported by digital light detection technology, personalized definition of multiple application scenarios linkage
- Compatible with ceiling recessed installation and 86 bottom box installation



Parameter

- 【Working Voltage】 21 - 30V DC
- 【Working Current】 $\leq 10\text{mA}$
- 【Product Size】 $\varnothing 89 \times 34\text{mm}$
- 【Cut-size】 $\varnothing 60\text{mm}$
- 【Detection Area】 Motion 4m (Radius)
- 【Daylight Sensor】 0 - 65535 Lux
- 【Mounting Height】 2-4m (typical value: 3m)
- 【Communication Interface】 KNX bus communication
- 【Detection Technology】 5.8GHz microwave presence detection + daylight detection
- 【Installation Mode】 Flush mounting

Application



Hotel hallway

Guest room entrance

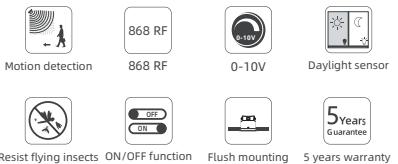
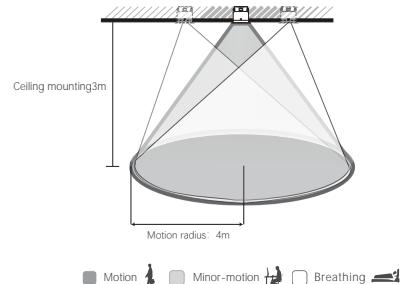


0-10V
MSA054 RF

Low Mounting Motion Sensor

Product Features

- 24GHz microwave motion detection technology, achieve precise human body motion detection signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Adopts 868 RF wireless communication, can easily realize master-slave group control
- Sensor parameters can be set by dip switch, it is convenient for pre-installation/post-installation debugging
- Support ON/OFF sensor and 0-10V dimming signal output



Parameter

【Working Voltage】	100 - 240V AC 50Hz / 60Hz
【Product Size】	φ105 × 85mm
【Cut-size】	φ75mm
【Max Detection Area】	Motion 4m (Radius)
【Stand by dimming】	10% / 20% / 30% / 50%
【Daylight Sensor】	50 Lux / Disable
【Mounting Height】	2-4m (typical value: 3m)
【Max Rated Load】	400W Inductive/800W Resistive
【Output Signal】	Strong current/0-10V
【Detection Technology】	24GHz millimeter wave presence detection+ daylight detection
【Installation Mode】	Flush mounting

Application



Open office area



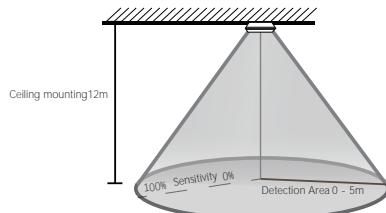
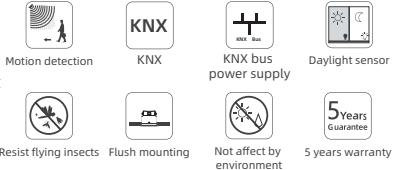
Warehouse storage area

High mounting motion sensor

Dry Contact Version
MSA003D RC

Product Features

- 5.8GHz microwave detection technology, achieve precise human body motion detection signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Support 3-12m high-altitude mounting height motion detection
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- Dry contact output, connect to various integrated control systems in seconds



Parameter

- 【Working Voltage】 12 - 24V DC
- 【Working Current】 ≤ 60mA
- 【Product Size】 110 x 110 x 32mmx
- 【Max Detection Area】 Motion 5m
- 【Daylight Sensor】 5-150 Lux/Disable
- 【Mounting Height】 3-12m (typical value: 10m)
- 【Output Signal】 NO/NC dry contact
- 【Detection Technology】 5.8GHz microwave presence detection
- 【Installation Mode】 Flush mounting

Application



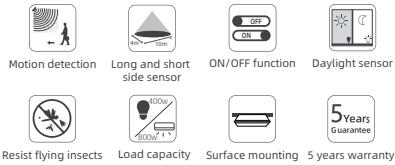
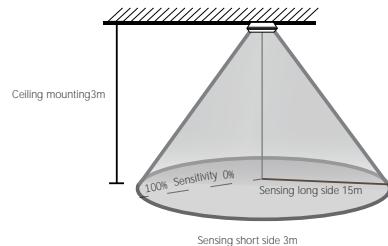
Warehouse



Factory

Product Features

- 5.8GHz microwave detection technology, achieve precise human body motion detection signal
- Integrated light detection technology to effectively identify day and night and achieve on-demand sensing
- Sensor parameters can be set by dip switch and MH10 remote control, it is convenient for pre-installation/post-installation debugging
- 400W inductive/800W resistive load carrying capacity
- Supports a long and narrow detection range of 15m long side and 3m short side, which is the first choice for corridor detection



Parameter

- | | |
|------------------------|--|
| 【Working Voltage】 | 100 - 240V AC 50Hz / 60Hz |
| 【Product Size】 | 110 × 110 × 32mm |
| 【Max Detection Area】 | Sensor long side 15m, sensor short side 3m |
| 【Daylight Sensor】 | 5 - 150 Lux / Disable |
| 【Mounting Height】 | 2-10m (typical value: 9m) |
| 【Output Signal】 | ON/OFF |
| 【Max Rated Load】 | 400W Inductive/800W Resistive |
| 【Detection Technology】 | 5.8GHz microwave presence detection |
| 【Installation Mode】 | Surface mounting |

Application

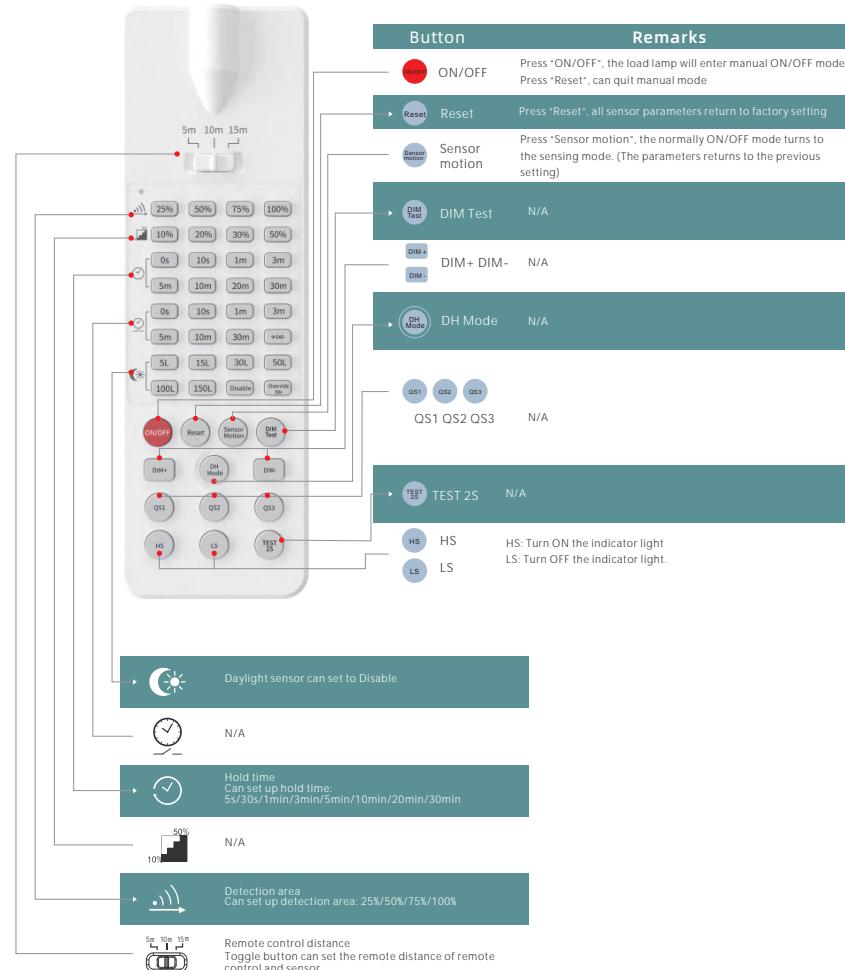


Corridor

Aisle

Remote control series

Remote control MH10



Note: With different products, the remote control button function is different, please refer to the remote control instructions in the specification of products



Vision ISTV 电视管家服务系统



5星级 版本

基于智能电视一体机的互动电视服务系统
无需机顶盒
初期投入差别不大
降低运营成本

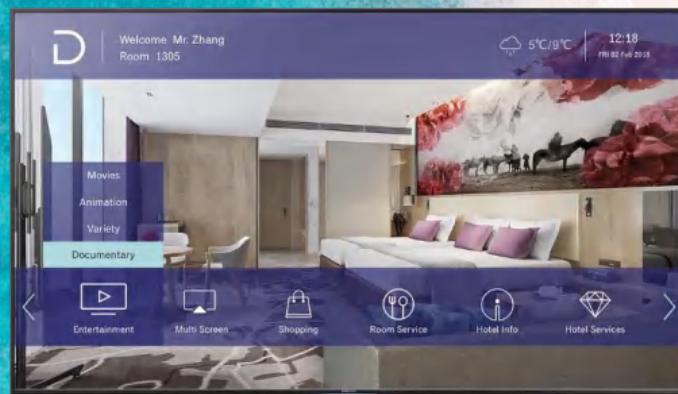
合作电视机厂商包括：
三星、LG、索尼、飞利浦、夏普、伊莱克斯
海信、海尔、创维、长虹、PPTV

5 Star Editions

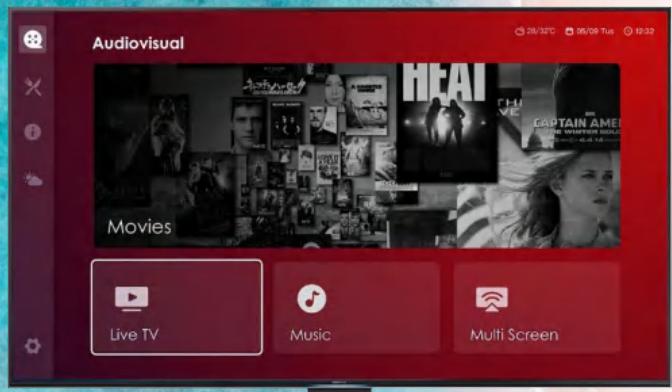
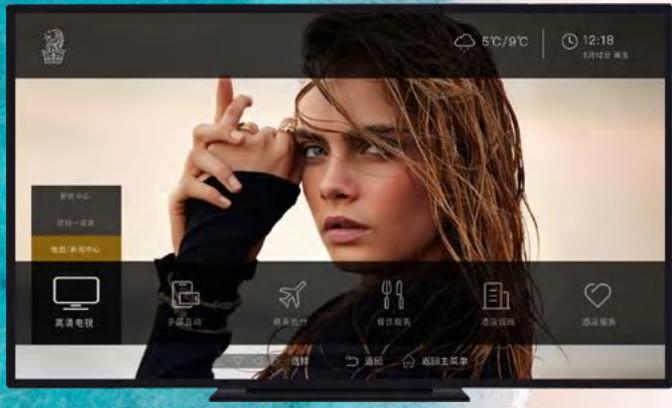
Smart TV based ISTV system
Set-top-box not needed
Reduce maintenance costs

TV Partners:

Samsung, LG, Sony, Philips, Sharp, Electrolux
Hisense, Haier, Skyworth, Changhong, PPTV



Vision ISTV 电视管家服务系统



AI TV

VOICE CONTROL

Channel Selection,
Movie Search, Room Control ...

语音控制

频道选择、影片搜索、客房控制等

Butler 客房管家服务系统



Tablet Based Guest Interactive Service

Basic Module:

Hotel Info, Events & Promotions, In Room Dining
Hotel Shopping, Service Request, Bill, Messaging ...

Room Control Module:

Lighting, Curtain, AC, TV Control;

Telephone Module:

Inbound/Outbound calls;

Entertainment Module:

TV Channels, Movies, Games preview and stream to TV

Tablet: **基于平板技术的客人互动服务**

基础模块:

酒店介绍、活动与促销、客房点餐，酒店购物
呼叫服务、查账单、消息等；

房控模块: 灯光、窗帘、空调、电视等设备的控制；

电话模块: 接听/拨打内/外线电话；

娱乐模块: 电视频道、电影，游戏的预览后切换到电视

Discover 移动管家服务系统

- 小程序/APP/公众号/Web 多应用



Discover: iOS/Android/Mini-Program/Web apps

Basic Module: Hotel Info, Events & Promotions, In Room Dining, Hotel Shopping, Service request etc;

Room Control Module: Lighting, Curtain, AC and TV control;

Mobile Key Module: Open the door via mobile phone;

Expanding Modules: Mobile Check-in/out, Room Booking, Invoicing

Discover: iOS/Android/**小程序**/Web 多应用

基本模块: 酒店介绍/促销/客房点餐/购物/叫服务

房控模块: 控制客房灯光/窗帘/空调/电视

手机房卡模块: 通过手机开门

扩展模块: 自助入住/退房/订房/开票

附带功能: 电子支付/周边介绍等

Mobile Key & FR Access 手机&人脸开门



World Safest Mobile Key

- 4 Critical Authentications
- 4 ways security protection
- Banking Level Encryption methodology
- VingCard BLE support

世界上最安全的手机门卡

- 4重严格认证
- 4重安全防护
- 银行级加密机制
- VingCard蓝牙门锁支持

Digital Signage 信息发布系统

Cloud based IDS system

Easy content management

Dramatically reduce operation costs

Welcome Info, Direction Guidance, Info Distribution

AD & Promotions, Meeting Schedule, Train/Flight Info

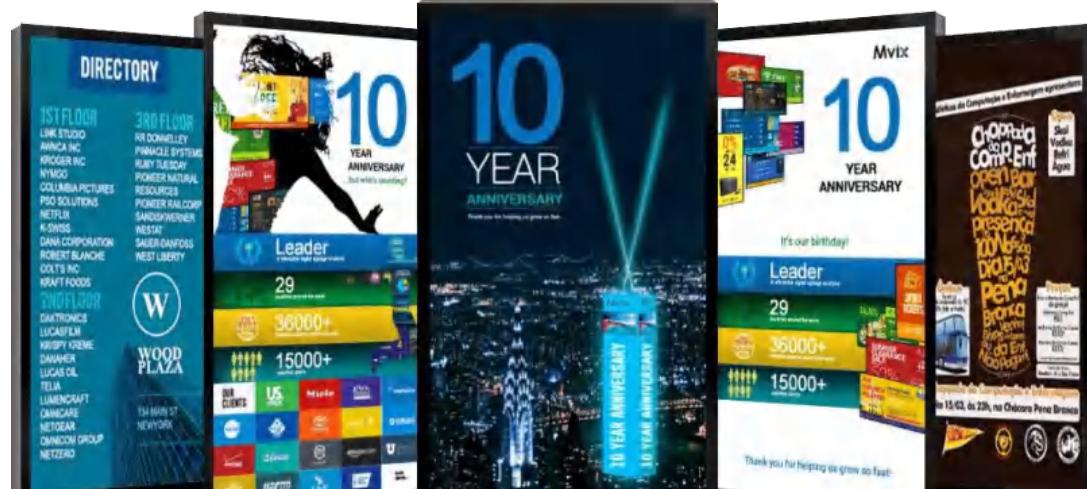
云端管理的信息发布系统

让内容管理更轻松

大幅度降低酒店管理成本

欢迎信息、方向指引、信息发布、广告促销、会议安排
与接待等综合服务。

车站/航班信息等



Avocado DMS 电子菜单系统



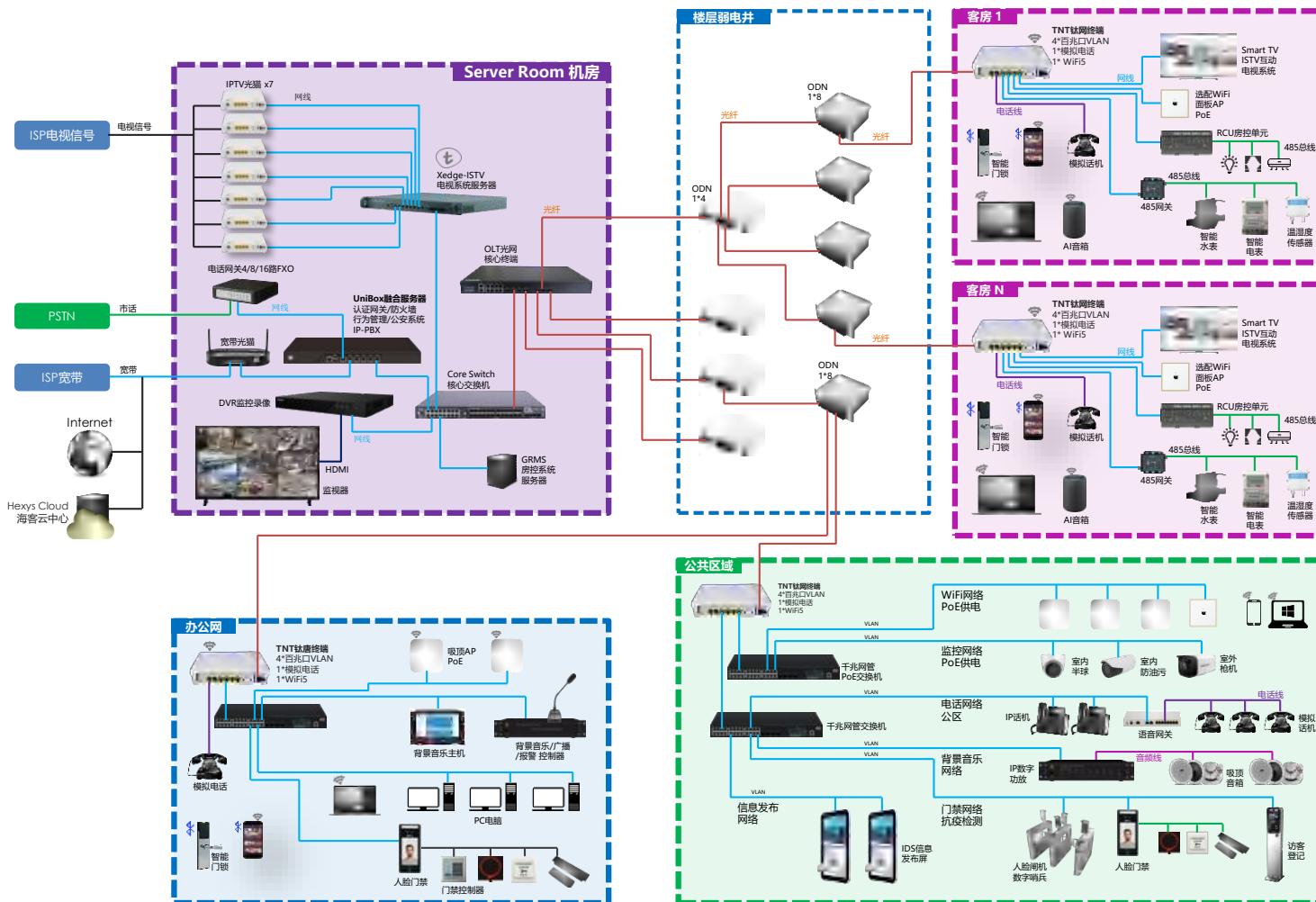
Hit Point Green Life

解决痛点
环保理念

- Printing Cost
- Sold Out Items
- Seasonal Menu Change
- Chef Change & Promotion
- Drinks & Wine Up Sale
- Events & Promotions
- Time Based Pricing
- Staff Training
- Branding
- Multi-Lingual ...
- 印刷成本
- 菜品沽清
- 季节性换菜
- 主厨变动&推介
- 饮料&酒水销售促进
- 活动&促销
- 基于时间自动变价
- 员工变动&培训
- 品牌传导
- 多语言

TiNet 钛网

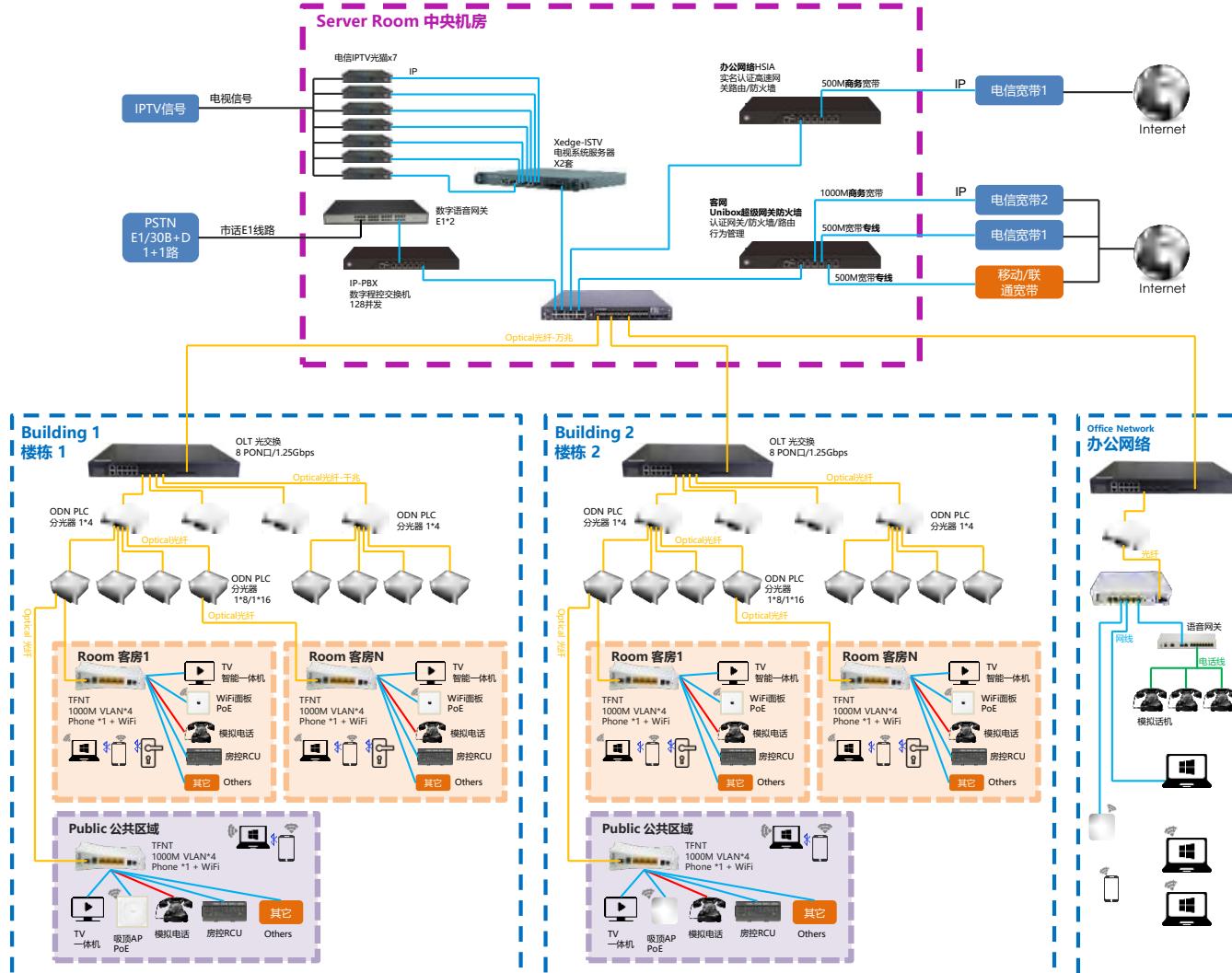
Fiber Based High Integration Level Network System 基于光纤的高集成度网络系统



楼栋内网络系统架构

系统特点:

1. 架构简单, 容易操作;
2. 客人网、办公设备网、监控网、门禁网、背景音乐广播网、电话网、电视网、房控网, 8张网全部用VLAN隔离;
3. 使用UniBox融合服务器, 解决认证网关、路由、防火墙、行为管理、数字程控交换机的功能;
4. 中间楼层没有带电设备, 故障率低、投入成本低、稳定性好、维护成本低;
5. 中间线路减少: 方便施工, 减少穿线量、降低桥架/穿管成本;
6. 主干线带宽高, 可扩展性强, 可确保主干网10年不落后;
7. 带VLAN管理, 满足酒店设备网络管理和安全性要求, 但设备集成度高;
8. 电信级网络可靠性, 但整体投入比传统网络低;



多楼栋网络系统架构

系统特点：

1. 架构简单，容易操作；
2. 中间楼层没有用电设备，投入成本低、稳定性好、维护成本低；
3. 中间线路减少：方便施工，减少穿线量、降低桥架/穿管成本；
4. 主干线带宽高，可扩展性强，可确保主干网10年不落后；
5. 带VLAN管理，满足酒店设备网络管理和安全性要求，设备系统集成度高；
6. 电信级网络可靠性，整体投入比传统网络低；
7. 运营成本急剧降低，且可大幅增加营收；
8. 住客宽带/电视/电话业务通断灵活

TiNet 钛网 - 酒店/公寓 Unibox



Unibox 融盒

Internet Access Control
Telephony System
Hotel TV System

3 in 1, one box solution
Hotel, Apartment, Club ...

上网认证网关
电话交换机
电视系统服务器

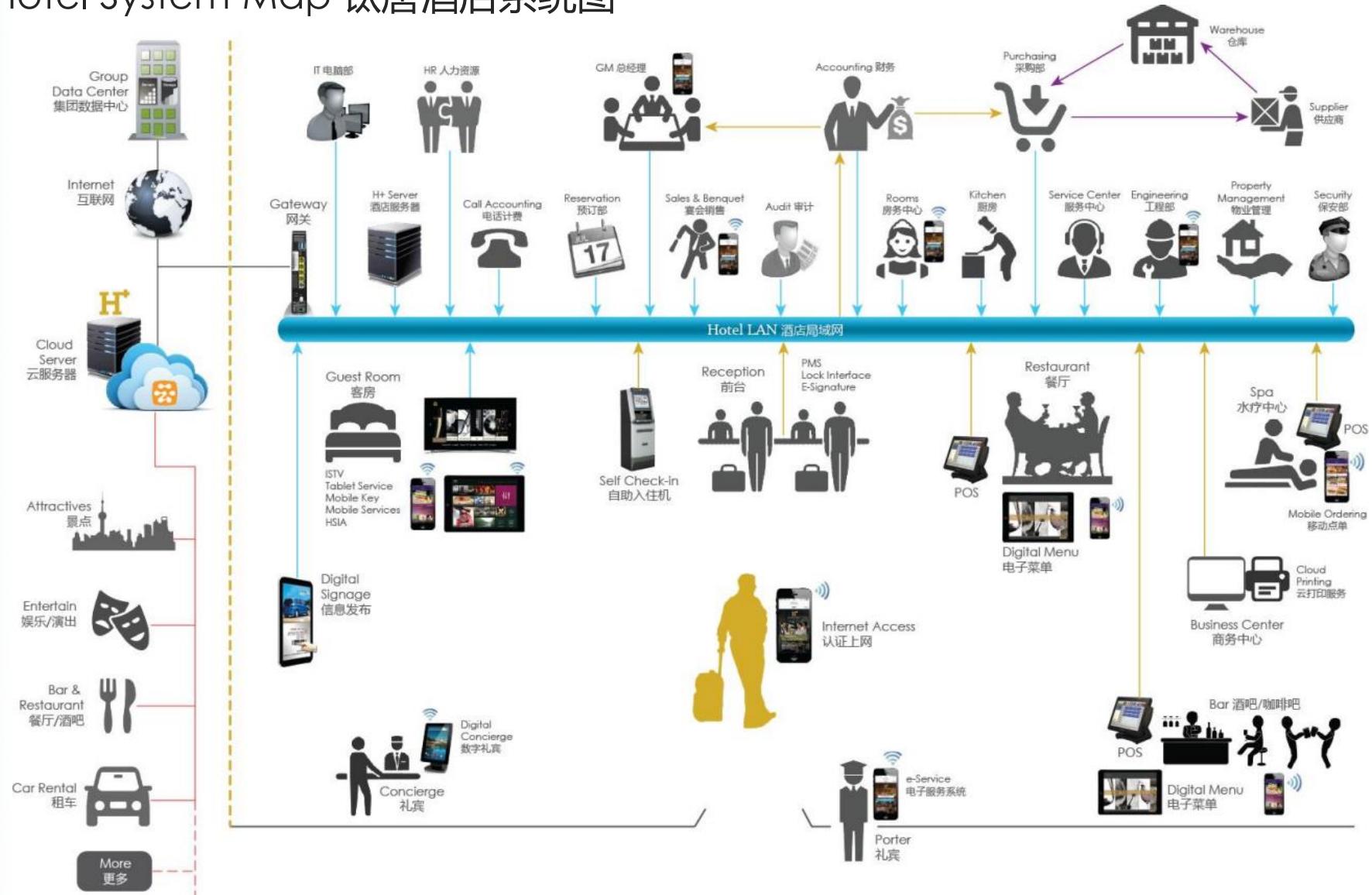
三合一，一个盒子解决
酒店、公寓、会所 ...



Lower Investment
Lower Maintenance Cost
Higher Security Level
Higher Integration Level
Higher System Reliability
Better Expandability

降低投入成本
降低维护成本
更高安全级别
更高集成度
更高的系统可靠性
更好的可扩展性

TITAN Hotel System Map 钛唐酒店系统图



Some Customers 部分客户



深圳丽思卡尔顿酒店
The Ritz-Carlton Shenzhen
Shenzhen, China
ISTV



澄海国瑞豪生大酒店
Howard Johnson Glory Plaza
Chenghai
Shantou, China
ISTV



张家口龙宫酒店
Snow Dragon Palace Hotel
Zhangjiakou, China
HotPad



成都瑞吉酒店
St.Regis Chengdu
Chengdu, China
HotPad



北京王府井万丽酒店
Renaissance Beijing Wangfujin
Beijing, China
Digital Menu



重庆悦来温德姆酒店
Wyndham Chongqing Yuelai
Chongqing, China
HotPad



上海新世界丽笙大酒店
Radisson Blu Hotel Shanghai
New World
Shenzhen, China
Butler Lite



威海香海豪生度假酒店
Howard Johnson Dream Sea
Resort Weihai
Shenzhen, China
ISTV



南方医科大学深圳医院
Shenzhen Hospital of Southern
Medical University
Shenzhen, China
ISTV



天目湖WEI酒店
Wei Retreat Tianmulake
Liyang, China
ISTV/HotPad/Mobile/IDS/Lobby



成都万达瑞华酒店
Wanda Reign Chengdu Hotel
Chengdu, China
HotPad



上海万达瑞华酒店
Wanda Reign Shanghai On The
Bund
Shanghai, China
HotPad



海南迎宾馆二期
Hainan Yinbin Hotel
Haikou, China
ISTV



莫干山郡安里君澜度假酒店
J.Lalli Narada Resort
Mogan mountain, China
ISTV



亲和源杭州老年公寓
Cherish Nursing-Hangzhou
Hangzhou, China
ISTV/IDS



深圳安蒂娅美兰酒店
Anthea Hotel
Shenzhen, China
ISTV/HotPad/Mobile/
Lobby/IDS/Mokee/HSIA



汕头大学体育公园酒店
STU Sport Park Hotel Shantou
Shantou, China
ISTV/HotPad/Mobile/Lobby/IDS/
Digital Menu/HSIA/PMS



北京港中旅维景国际大酒店
Grand Metro International Beijing
Beijing, China
HSIA

Some Customers 部分客户



Partners 合作伙伴

GRMS
房控系统

INNCOM
by Honeywell

SIEMENS

Schneider
Electric

CRESTRON

TV
电视

SAMSUNG

SONY

LG

PHILIPS

SHARP

TCL

Hisense
海信电视

Skyworth
创维

长虹
CHANGHONG

PMS
酒管系统

ORACLE

infor

IR

众智
JOINT WISDOM

FUSION

绿云科技
GREEN CLOUD TECHNOLOGY

Partners
合作伙伴

IBM

PCCW
電訊盈科

SW&M

CNN

Extreme
Connect Beyond the Network

携住Smart魔方

一款与众不同的酒店客房智控玩具



携住Smart魔方是一款颠覆传统设计的客房智能控制器，通体没有任何按键与指示灯，内部通过内置的高精度加速度传感器，配合携住自主研发的运动算法，灵活感应出魔方的六个触面轨迹，去繁从简，轻松实现客房灯光、窗帘、空调、音响等智能设备的场景式智控，同时还可自定义多种智能场景，让客房生活充满魔力，乐趣无穷。

联动客房智能产品 | 多种情景模式 | 高品质精巧设计

U Say product

U Say产品

USAY

智能主机与遥控器配合，全程语音交互，
实现酒店客房内全网影音、语音客控、实时翻译、生活百科、方言支持等多种功能。



U cam 刷脸门铃

产品功能与特色

U Cam刷脸门铃，搭载人脸识别算法
技术和高精度摄像头，轻松实现刷脸
开门；访客照片联动推送至客房内屏
幕，为酒店客人带来更为安全的保障。



第一代



第二代



第三代

未来前台

365天*24小时服务，随时随地刷脸入住

一款能在无人值守状态下，帮助客人11秒内完成自助刷脸入住的智能酒店前台交互设备。自带公安联网的人证比对核验功能，客人无需排队等待，即可随时随地在该设备上快速完成自助选房、自助开房、自助交费、自助入住、自助续住、无停留自助退房一系列便捷操作。适合放置于酒店前台、机场、高铁站、商场等多个场所，人性化的专业自助服务24小时随时静候，极大提升入住效率和服务品质，为酒店节省大量人力、运营成本，快人一步进入未来酒店时代！

自助选房

自助开房

自助入住

自助交费

无停留自助退房

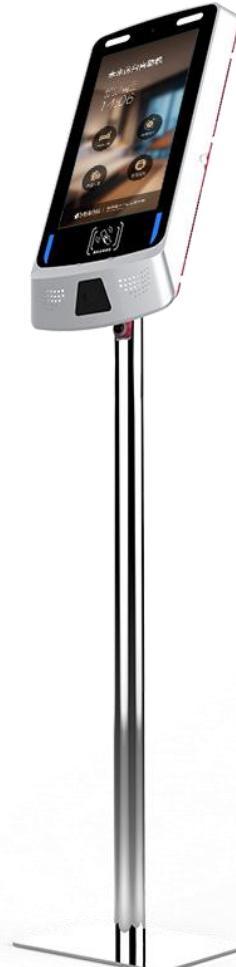
11秒极速开房

刷脸入住

公安联网人证比对

24小时服务

随时随地选房入住



魔盒主机功能:

1、智能控制功能:

实现手机微信，智能语音控制客房内的智能设备（门锁、取电、灯光、窗帘、空调和电视）以及定制化的功能需求。

2、断网单机功能:

当客房网络存在异常，手机微信端，语音控制端不能控制的时候，所有的按键开关面板还是可以正常使用。原有的门锁，插卡取电，灯光，窗帘，空调仍然可以传统控制。

3、路由器功能

可以做普通的路由器使用（公司规定不准做酒店客房网络使用以及无线覆盖）



四、接线方式



门锁芯片功能:

1、保留正常的刷卡开门功能；

2、微信开门和刷脸开门功能；

3、欢迎模式/回家模式

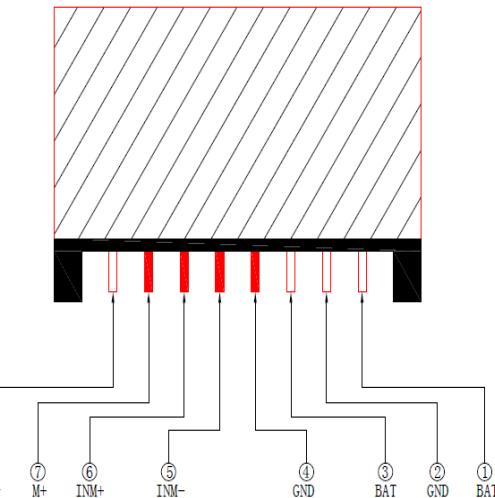
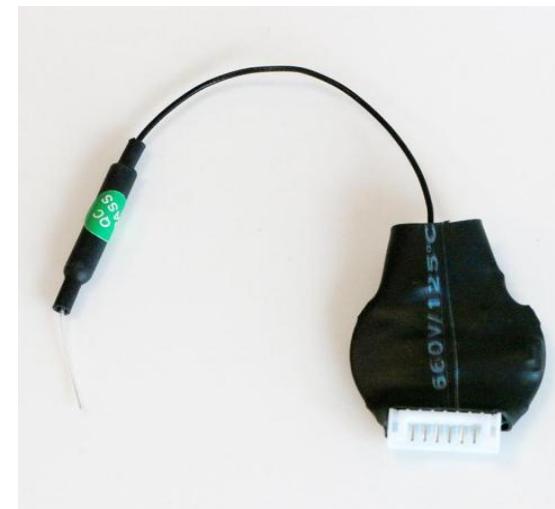
通过刷卡或者软件端打开门锁，触发无卡取电欢迎场景/回家场景；

4、离人断电（刷卡开门-----进户关门-----内侧开门-----出户关门）

当客人通过刷卡或者软件端打开门锁进入房间，门锁芯片上报动作给主机，主机通知门磁进行第一次开门判断

，如客人从内侧打开房门的时候，门磁感应到有人从内侧开门准备出去，当关上门的时候门磁做最后一次判断

这个环节结束之后就把信息传给主机，主机再下发命令给人体感应，让人体感应进行房间内的扫描，感应到有人保持供电，感应不到人关灯或者断电处理。



取电开关功能:

1、有门锁芯片的情况下

门锁通过刷卡或者软件端打开时，通过主机下发命令给取电开关，进行无卡自动取电。当客人离开房间，门磁个人体感应关联做离人断电节能功能。

2、无门锁芯片的情况下

通过在客控上面设置情景模式或者灯光初始化，当客人插卡的同时，触发单个灯光亮起；窗帘开关操作；空调开关实时调温功能操作以及电视机打开操作。

3、pms打通，客人入住取电。

4、保留正常的插卡取电功能。



开关面板功能:

1、正常按键开关灯功能

2、智能场景控制

通过客控的配置，把开关面板和灯具做一对一或者一对多配对，实现场景面板无线控制灯光，窗帘。（明亮模式/睡眠模式/阅读模式/浪漫模式）

3、欢迎模式/回家模式

通过门锁芯片或插卡取电动作，通过客控后台配置，主机下发命令给开关面板进行欢迎模式和回家模式的灯光的控制

注意：普通继电器10A

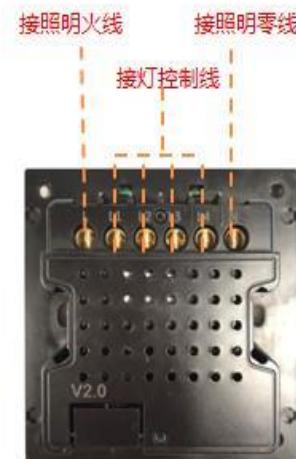
额定功率：10Ax220V=2200W

常供电大概率继电器16A

额定功率:16Ax220V=3520W



四、接线方式



温控器功能:

1、欢迎模式

当空调温控器在长供电的状态下，可以通过门锁芯片的“开”动作或者插卡取电的“开”动作触发温控器的自动开启

通过插卡取电的“关”动作触发空调的自动关闭。

2、远程模式

当空调处于有电的情况下，可通过后台系统和微信控制端进行空调的远程控制。

3、桥接控制模式

当酒店空调是壁挂机或者是红外接受控制的时候，我们可以先通过温控器控制乐控，再让乐控控制红外，进而打开空调。

4、节能模式

通过酒店管家和客控的配置分别对酒店空调系统进行季节的节能设置和定时的开关功能。



乐控功能:

1、欢迎模式

通过门锁芯片或插卡取电，通过主机下发命令给乐控进行电视和空调的打开。

2、电视/机顶盒/空调控制功能

学习电视遥控器码和空调红外码进而控制电视和空调的基础控制功能，

3、Usay语音控制

安装语音机顶盒对电视机进行开关机功能



微享功能：

1、欢迎模式/回家模式

通过门锁芯片或插卡取电，通过主机下发命令给窗帘控制器进行窗帘和窗纱的开关。

2、按键场景控制

通过客控的配置，使场景开关面板和窗帘控制器的一对一配对或者一对多配置，实现开关面板无线控制窗帘开、关及暂停。



四、接线方式



人体感应功能：

1、卫生间感应人开灯，离开关灯

2、离人断电（刷卡开门-----进户关门-----内侧开门-----出户关门）

当客人通过刷卡或者软件端打开门锁进入房间，门锁芯片上报动作给主机，主机通知门磁进行第一次开门判断

，如客人从内侧打开房门的时候，门磁感应到有人从内侧开门准备出去，当关上门的时候门磁做最后一次判断

这个环节结束之后就把信息传给主机，主机再下发命令给人体感应，让人体感应进行房间内的扫描，感应到有人

保持有电，感应不到人关灯或者断电。



门磁功能：

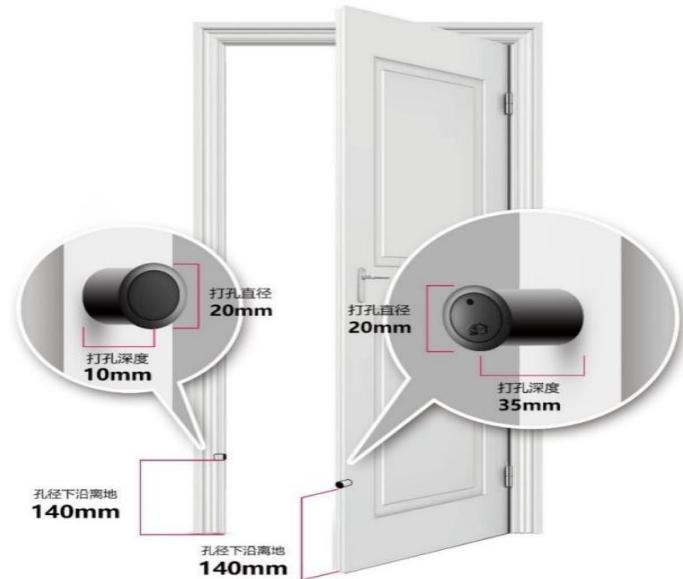
1、离人断电（刷卡开门-----进户关门-----内侧开门-----出户关门）

当客人通过刷卡或者软件端打开门锁进入房间，门锁芯片上报动作给主机，主机通知门磁进行第一次开门判断

，如客人从内侧打开房门的时候，门磁感应到有人从内侧开门准备出去，当关上门的时候门磁做最后一次判断

这个环节结束之后就把信息传给主机，主机再下发命令给人体感应，让人体感应进行房间内的扫描，感应到有人

保持有电，感应不到人关灯或者断电



魔方功能:

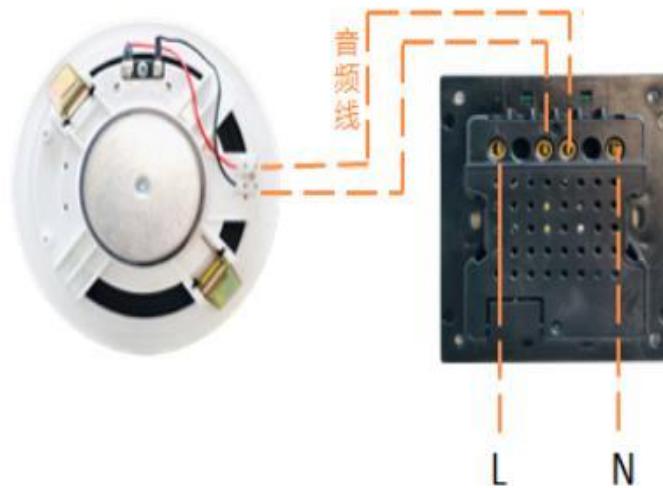
- 1、灯全开模式
- 2、灯全关模式
- 3、窗帘开模式
- 4、窗帘关模式
- 5、空调开模式
- 6、空调关模式

数量大可定制每个面的颜色和控制模式



蓝牙音乐功能:

- 1、欢迎语设定播放
- 2、普通按键播放
- 3、手机蓝牙播放
- 4、播放/暂停
蓝牙/SD
音量+
音量--
上一首
下一首



梯控功能:

- 1、保留正常的梯控功能（按键到所对应的楼层）
- 2、在上述功能添加手机微信控制电梯的楼层按键
- 3、刷脸梯控（测试方案已完成，暂无落地项目）



U SAY 功能:

- 1、正常的机顶盒直播，点播片源和音乐播放
- 2、语音控制电视调台，音量以及正常的遥控功能
- 3、生活百科，周边物联查询功能
- 4、语音智能控制房间内的智能设备（门锁、灯光
空调、电视、窗帘）



U CAM功能:

- 1、刷脸开门功能
- 2、智能访客系统（投影电视和潘多拉）
- 3、门显功能（清理、勿扰、门铃）



第一代



第二代5寸



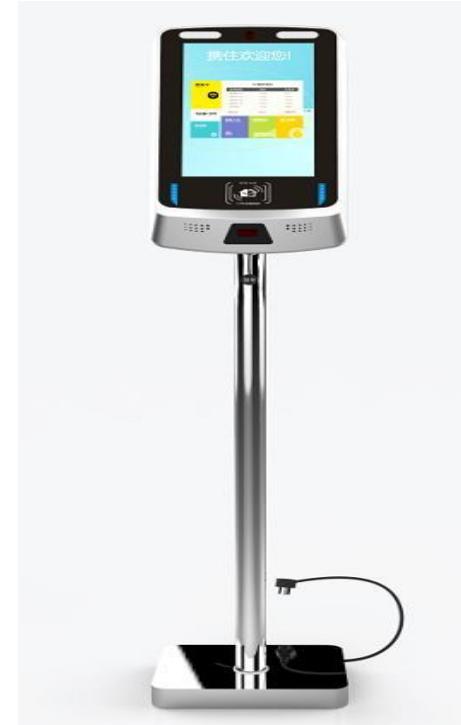
第三代8寸

自助机功能:

- 1、自助入住
- 2、订单入住
- 3、自助续房
- 4、自助退房
- 5、公安身份对比
- 6、刷脸门禁人脸录入



台式自助机



立式自助机

潘多拉功能：

- 1、正常的语音交互功能
(生活百科、周边物联等等)
- 2、智能控制房间的智能设备 (不做语令开门控制)
- 3、酒店设施查询
- 4、酒店客需服务



台式(A1)



嵌入式(A2)

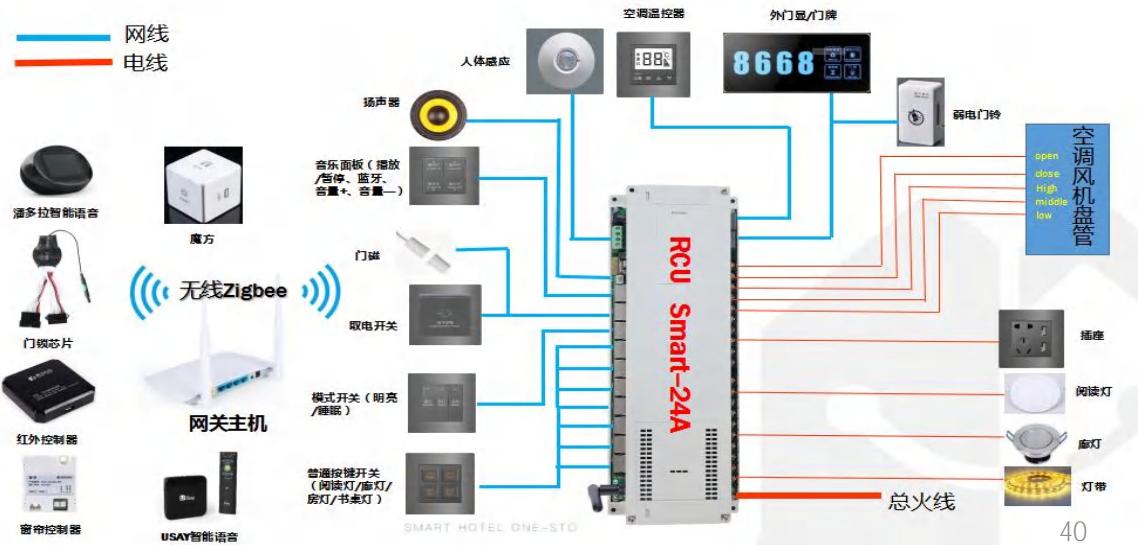
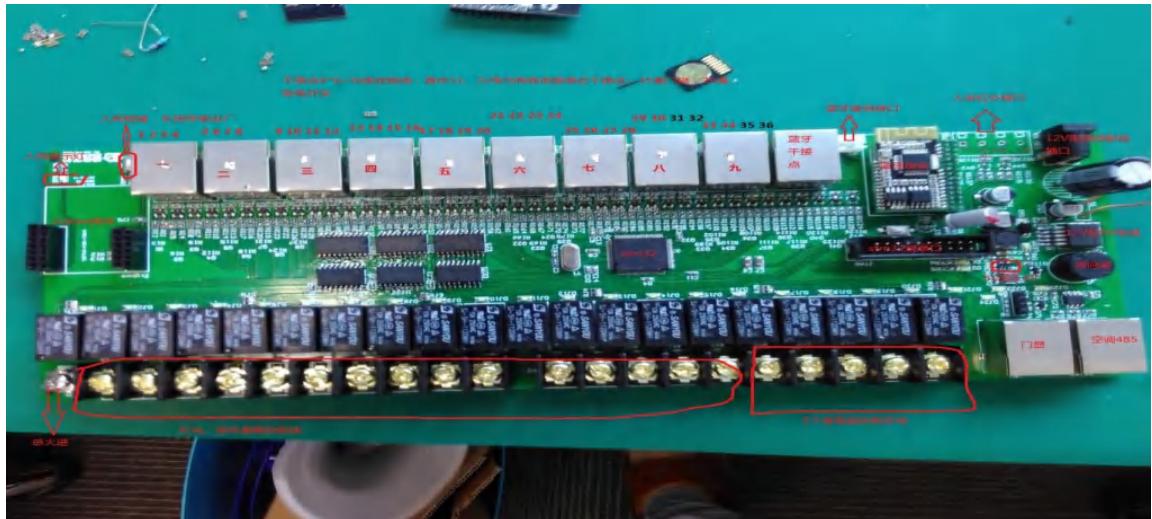


台式(A5)

Smart-24A 功能:

- 1、24个灯光继电器（4个弱电，20强电继电器）
- 2、1个弱电门磁，2个弱电人体感应
- 3、1套蓝牙背景音乐系统
- 4、1套门显系统
- 5、1套空调系统（也有多空调版本）
- 6、36个可控干接点输入
- 7、断网灯光控制单机功能

注：无窗帘控制接线端，需要用微享



Smart-Cube功能:

1、A（干接点）、B（485协议）、C（干接点+485协议混合）

2、64 路灯控，1个蓝牙音响，8路空调，32路调光，16路窗帘，4路门显，7路红外/门磁，1路干接点取电接口

3、可支持128个配置地址码

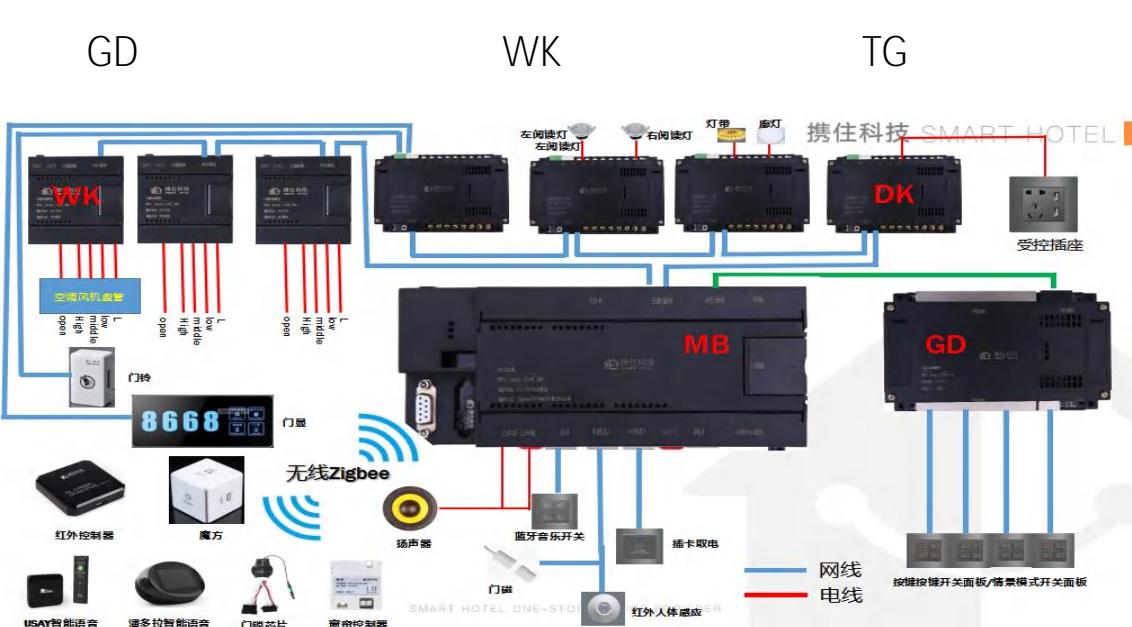
4、断网灯光、窗帘、空调单机控制功能



MB

DK

CL



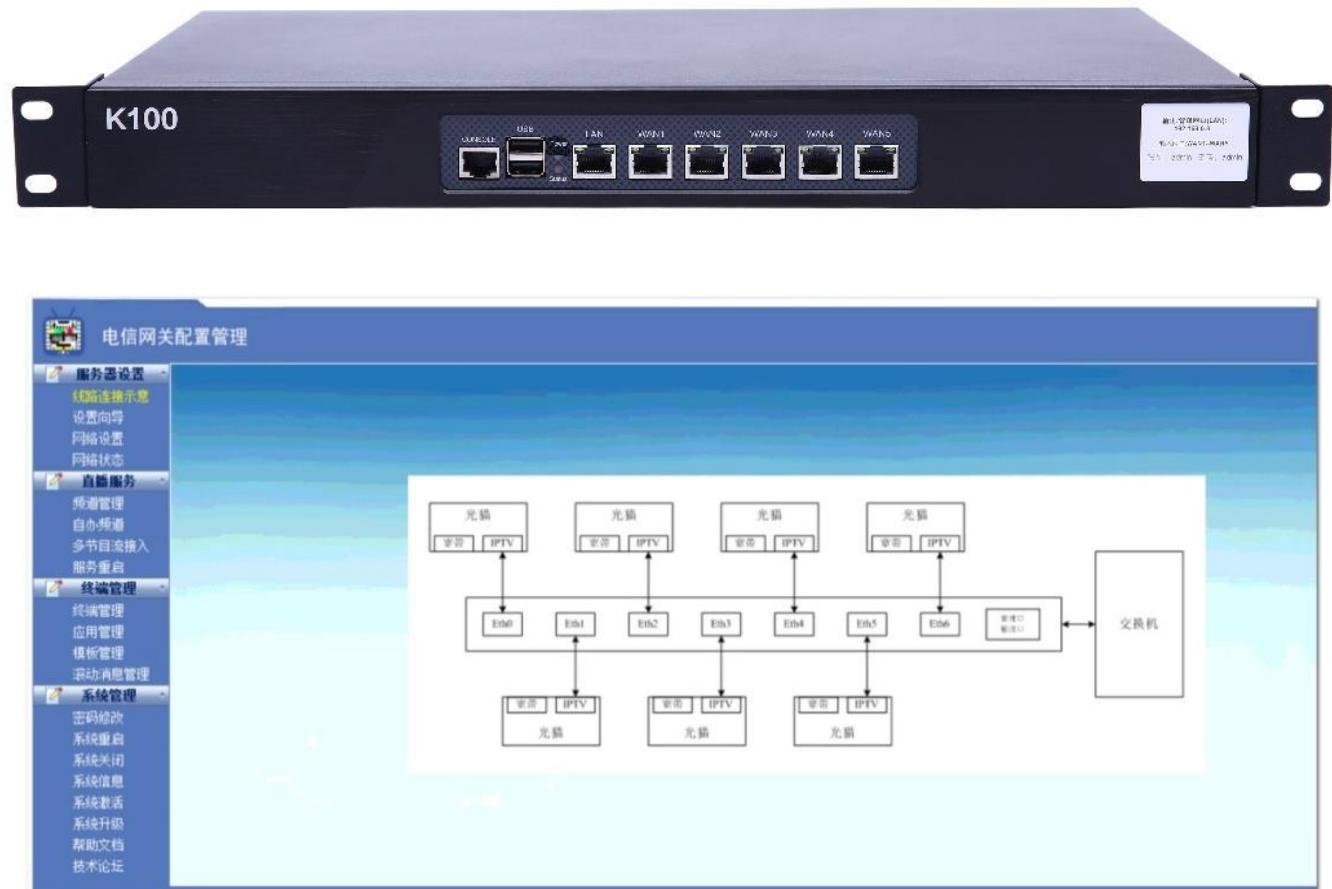
USAY服务器功能：

- 1、解析电信机顶盒的片源在本地
- 2、USAY通过局域网再获取存储本地的片源

优点：

1. 对酒店客房网络带宽没有要求
2. 反应迅速，不卡顿

缺点：一个电信机顶盒只能解析8-10电视台，一个服务器最多能获取50个电视台。



空调网关功能：

使用前提：

温控器和红外都不能控制的情况下，想通过客控控制空调的正常运行，网关大多数用于氟机空调。

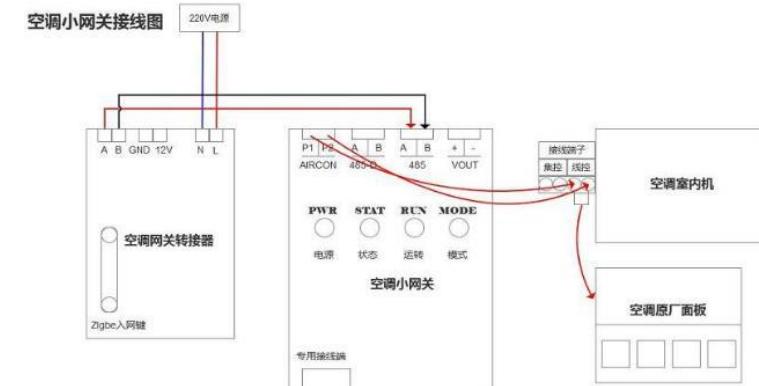
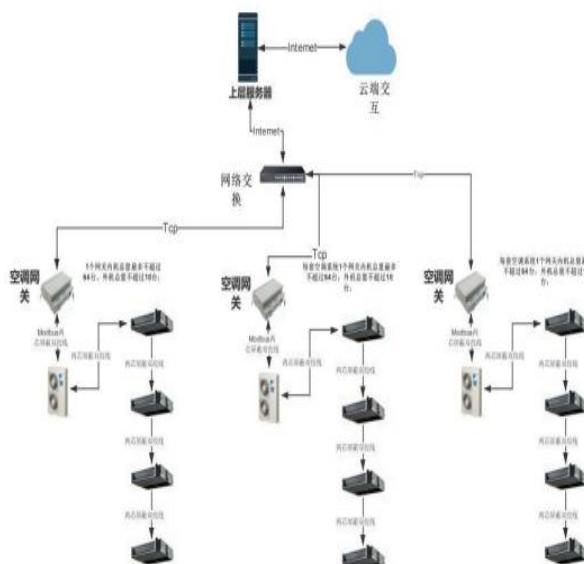
优点：1. 精准控制
2. 反应迅速，不卡顿
3. 控制数量多

缺点：必须要和客控同内网，不能在云端信息交互。

中弘大网关（一拖多）



中弘小网关（一拖一）



- 无线强电蓝牙mesh产品线



Upad-L/X-B
2.0



魔盒网关



插卡取电



开关面板



温控面板



蓝牙背景音乐



门锁芯片



窗帘控制器



雷达人体感应



红外控制器



智能魔方



红外人体感应

说明：蓝牙mesh方案窗帘控制，必须使用窗帘控制器控制电机，暂无集成模块一体的窗帘电机。

魔盒

产品功能与特色

魔盒，所有智能设备的“智慧大脑”，采用ZigBee/Mesh/newbee智能自组网，数据传输，银行级别加密保护。通过酒店云端服务器、酒店本地服务器，实现所有智能设备的控制。

型号 GSH-3000F

技术参数 供电方式: DC 5-12A

通信协议: **Mesh**

发射功率: 4.5dBm

工作环境: 温度: -10~60°C;

湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源，加网操作

功能描述 连接组网设备

安装说明 两孔电源适配器直插220v不间断电源，网口直接预留酒店局域网网线。



电视控制

灯光控制

空调控制

窗帘控制

开关控制

背景音乐

场景控制

影音控制

语音智控

智芯

产品功能与特色

智芯，是新型智能酒店门锁芯片，主要用于房间门锁控制，实现酒店智能门锁与云端系统服务器的实时连接，保持即时响应，为顾客提供手机微信自动开门的智能体验。可对接市面上99.7%以上的门锁。

型号 GSC-3000F

技术参数 供电方式: DC 6V (四节5号电池)

通信协议: **Mesh**

发射功率: 4.5dBm

工作环境: 温度: -10~60°C;
湿度: ≤95%RH (不凝结)

加密方式: AES-128 位密钥动态加密

无线接收灵敏度: <-90dBm

操作方法 连接电源, 加网操作, 客户端控制设备

功能描述 客户端控制开锁、刷卡开锁

安装说明 本产品镶嵌在酒店门锁内部, 打开门锁, 将智芯的两排排线分别接在门锁主板与门锁芯片之上; 接线完毕, 将门锁还原



幻卡

产品功能与特色

取电开关，采用LED按键背光板技术，触感细腻，实现客户端控制取电或者插卡取电，简约外形风格，可定制化设计。

型号 GPW-3000X

技术参数 供电方式: AC 50~60Hz 190~240V

通信协议: **Mesh**

额定最大电流: 30A

静态工作功率: 1W

发射功率: 4.5dBm

最大负载功率: 6600W

断电延时时间: 10~20秒

工作环境: 温度:-10~60°C; 湿度: ≤95%RH (不凝结)

使用寿命: 继电器触点在220V满负载时, 寿命大于10万次

操作方法 连接电源 加网操作 客户端控制设备

功能描述 客户端控制取电、插卡取电



品牌: 拉斐D系

佳普系

流光

产品功能与特色

灯光面板，LED按键背光板技术，实现客户端控制酒店灯光。PC系列、铝合金拉丝系列、触屏系列、玻璃系列等不同款式，简约外形风格，可定制化设计。

型号 GTS-3000X

技术参数 供电方式: AC 50~60Hz 190~240V

通信协议: **Mesh**

额定电流: 10A

额定功率: 2200W

静态功耗: <0.1W

发射功率: 4.5dBm

工作环境: 温度: -10~60°C; 湿度: ≤95%RH (不凝结)

使用寿命: 继电器触点在220V满负载时, 寿命大于10万次

操作方法 连接电源, 加网操作, 客户端控制

功能描述 触摸或按键操控灯光电源



品牌: 拉斐D系

佳普系

温控面板

产品功能与特色

温控面板，采用国标通用LCD液晶显示、LED背光技术，适用于空调控制，调节温度、模式、风速等，达到房间内温湿度舒适及节能目的。

型号 TDS-6000X

技术参数 供电方式: AC 50~60Hz 190~240V

通信协议: **Mesh**

静态功耗: <0.5W

发射功率: 4.5dBm

工作环境: 温度: -30 ~ 70°C 湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 客户端控制空调



品牌: 拉斐D系

佳普系

全球首创精确传感器，
低功耗ZigBee无线传输技术

乐控

产品功能与特色

乐控，通过接受魔盒主机发出的ZigBee指令，并转换成红外信号，实现远程温控，一键启动空调、TV、机顶盒。

型号 GCR-3000F

技术参数 供电方式：DC 5V/1A(Micro-USB)

通信协议：**Mesh**

发射功率：4.5dBm

红外发射功率：1.2W

静态功耗：<0.1W

工作环境：温度：0 ~ 70°C

湿度：≤95%RH (不凝结)

无线接收灵敏度：<-90dBm

操作方法 连接电源 加网操作 客户端控制设备

功能描述 客户端控制电视空调等设备

安装说明 吸附式安装在酒店中央空调、电视等电器的后方或者其它位置，根据酒店实际情况调整



微享

产品功能与特色

微享，通过ZigBee无线网络连接通信，使手机轻松控制窗帘的开关。ZigBee桥接方式，响应灵敏，适合所有强电控制电机。可配合情景模式一起使用 适用于多种窗帘，开合度自由掌控。

型号 GCT-3000F

技术参数 供电方式: AC 50~60Hz 190~240V

通信协议: **Mesh**

静态功耗: <50mW

发射功率: 4.5dBm

工作环境: 温度: -30 ~ 70°C
湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源 加网操作 客户端控制设备

功能描述 客户端控制窗帘开关

安装说明 控制器一边结干接点四芯线，一边接220v零火线 (不分零火)



品牌: 杜亚、威士达, 绿创.....

小巧灵动
非凡感知的内“芯”

光应

产品功能与特色

光应，主要用于房间内人体感应，在设定时间范围内，自动扫描房间状态，判断房间内是否有人，实现无人状态下智能关闭电器设备。

型号 HBI-3000F

技术参数 供电方式: DC12V AC220V

通信协议: **Mesh**

待机电流: 15uA

发射功率: 4.5dBm

工作环境: 温度: -10~60°C;
湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 检测区域内是否有人经过

安装说明 嵌入式安装吊顶



红外电释热

微波雷达



全球首创精确传感器，
低功耗ZigBee无线传输技术

无线门磁(停产), 现改用有线门磁

产品功能与特点

门磁，嵌入式安装在房门上，记录房间状态，并与魔盒主机、人体热感应系统配合，实现酒店房间无人状态下，智能断电控制。

型号 MDC-3000F

技术参数 供电方式: DC 3V (CR2032纽扣电池)

通信协议: **干节点**

发射功率: 4.5dBm

工作环境: 温度: -10~60°C;
湿度: ≤95%RH (不凝结)

无线接收灵敏度: <-90dBm

操作方法 连接电源，加网操作，客户端控制设备

功能描述 实时反馈门的开关状态

安装说明 门上、门框开孔

Usay

- 1、正常的机顶盒直播，点播片源和音乐播放
- 2、语音控制电视调台，音量以及正常的遥控功能
- 3、生活百科，周边物联查询功能
- 4、语音智能控制房间内的智能设备（门锁、灯光
空调、电视、窗帘）



UPAD

24小时在线客房语音管家

没有比“说”更快、更自然的交互方式

24小时在线的智能客房语音管家——“你好，小乐”，拥有强大的自然语言交互系统，可轻松实现远场超距离响应。有问题直接对话：从客房控制到客房服务响应，从影音播放从生活百科，从娱乐学习到情感陪聊……300多项智慧技能，开口即得，彻底唤醒客房服务，真正让酒店进入语音时代！

“客控+客需”集成智控

远场超距离响应

智能流式交互

多轮对话

300+项交互技能

30+方言识别

免重复唤醒



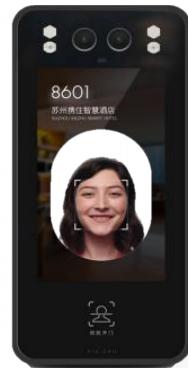
U cam 刷脸门铃

产品功能与特色

U Cam刷脸门铃，搭载人脸识别算法技术，高精度摄像头，轻松实现刷脸开门；访客照片联动推送至客房内屏幕，为酒店客人带来更为安全的保障。



第一代



第二代



(客房UI界面)
(餐厅UI界面)

第三代



第四代

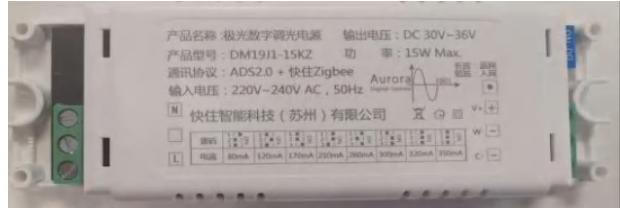
蓝牙梯控及功能：

- 1、保留正常的梯控功能（按键到所对应的楼层）
- 2、在上述功能添加手机微信控制电梯的楼层按键
- 3、**鸿蒙碰一碰梯控**（方案已完成，项目落地上海静安逸扉酒店）



调光模块及功能:

1、



36V筒灯 15W

(携住供)



(携住供)

可控硅筒灯 (24-36V)



(甲供)

接0-10V 灯带驱动器 12V /24V



(携住供)

调色模块及功能:



RGB调色灯带 (R: 红色 G: 绿色 B: 蓝色)



双色温灯带 (C: 冷色 (白) 光 W: 暖色 (黄) 光)

机器人及功能：

(以公司实际售卖型号为主)



猎户星空AI智能服务机器人



正面造型



背面造型

蓝牙音乐面板及功能：

1、欢迎语设定播放

2、普通按键播放

3、手机蓝牙播放

4、播放/暂停

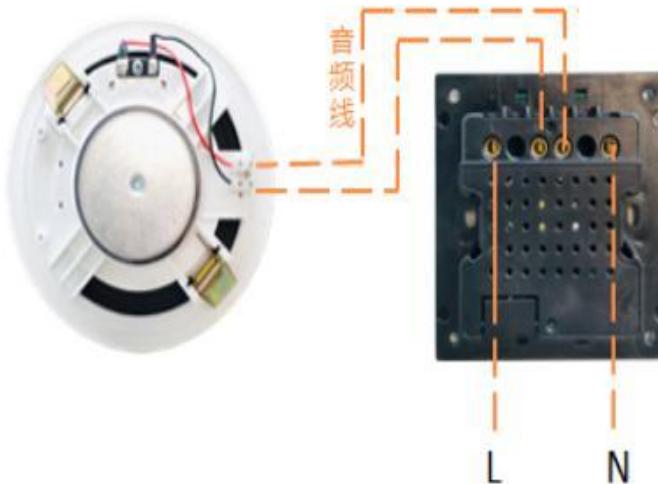
蓝牙/SD

音量+

音量--

上一首

下一首



空调网关及功能：

使用前提：

温控器和红外都不能控制的情况下，想通过客控控制空调的正常运行，网关大多数用于氟机空调。

优点：1.精准控制

2.反应迅速，不卡顿

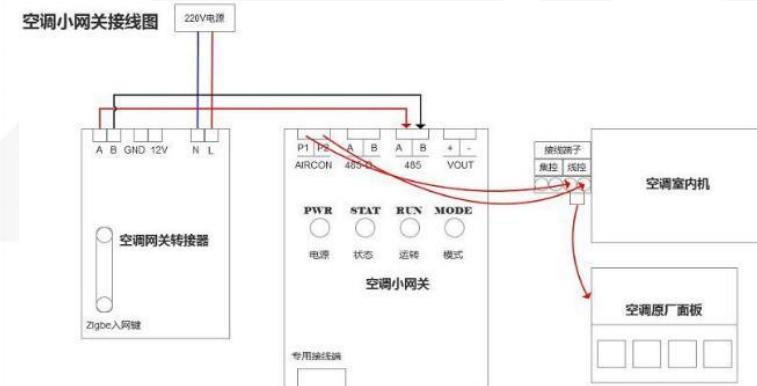
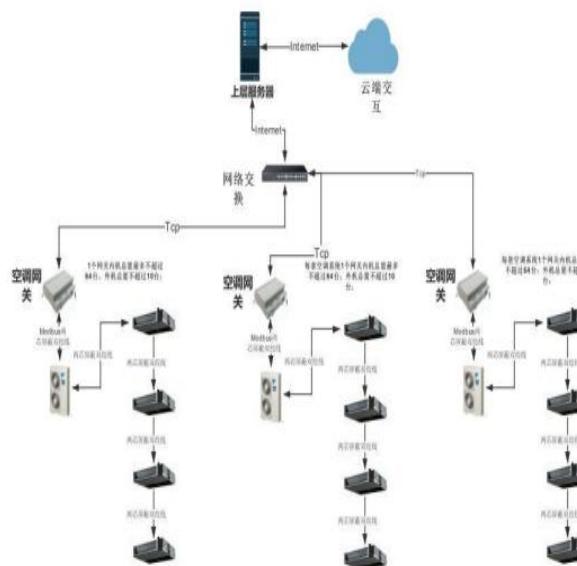
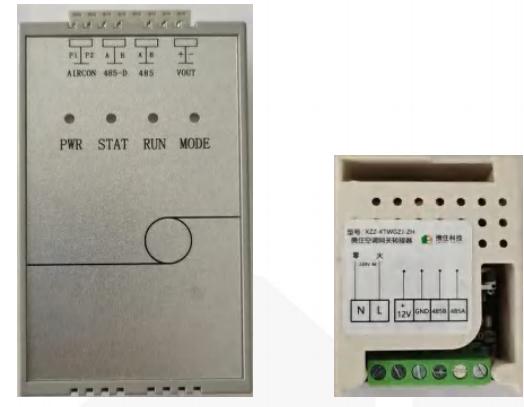
3.控制数量多

缺点：必须要和客控同内网，不能在云端信息交互。

中弘大网关（一拖多）



中弘小网关（一拖一，较少用）





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