PRODUCT BROCHURE

※ SMART HOME ※ SMART HOTEL ※ SMART BUILDING

IVOR

IVOR INTELLIGENT ELECTRICAL APPLIANCE CO.,LTD.

IVOR

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W: www.ivor-electric.com
E: sales@ivor-electric.com

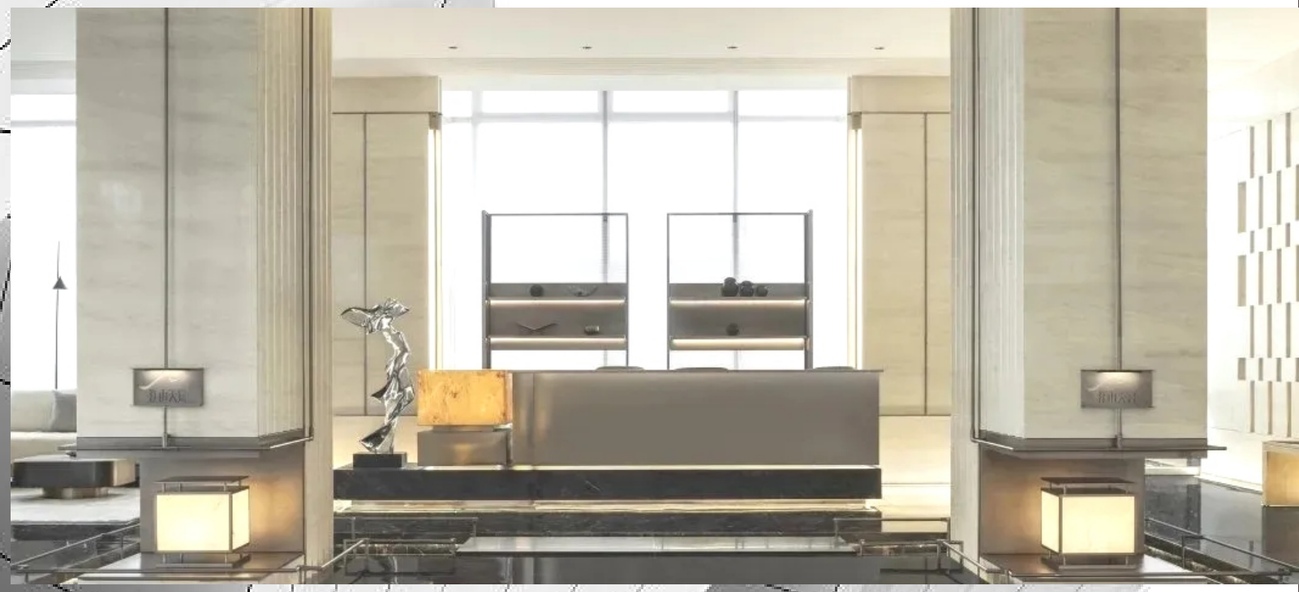
Company Profile

IVOR Intelligent Electrical Appliance Co., Ltd., is an international industry well-known brands. We focus on the hotel room control technology, smart home system integration and touch-screen switch research and develop.

IVOR (CHINA) CO., LTD., is China-owned enterprises which approved by the Guangdong Provincial People's Government , Identified as scientific and technological enterprises by the Office of Science and Technology of Guangdong Province.

IVOR is the world's leading manufacturer of touch screen switch, thermostat, centralized control products and mechanical switch, is the Top Brand in China switch industry and famous for its high-end switch products. Our company is committed to the development, manufacturing and sales for hotel room guest control system, HVAC energy-saving products, central thermostat, smart home, lighting control switch, electric curtain control, audio control, touch screen switches, network switches, under-floor heating switch, key card switch, dimmer switch, background music switches, etc .

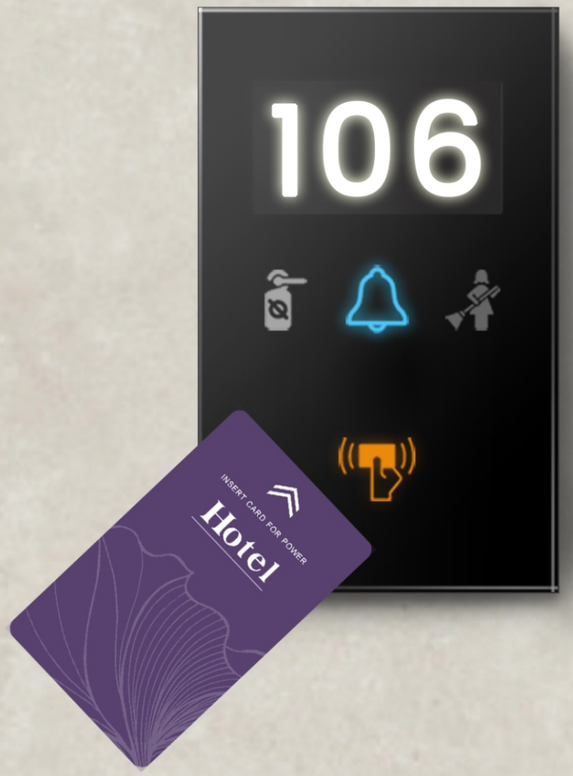
IVOR has obtained ISO9001: 2008 of international quality control system certificate, CE for Europe Union, RoHs certificate, 3C certificate, CQC certificate. ,etc. With creative research and development team, effective production team and professional technical team, IVOR is able to realize our promises to our clients rapidly and accurately. Produces sales well all over the word including Japan, Israel, India, Iran, South Africa, Germany, Britain, France, Italy, Russia, Poland, Australia,ect.



HOTEL DOORBEII

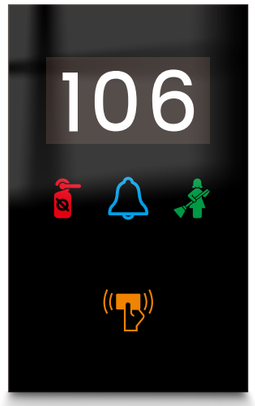


HOTEL DOORBELL

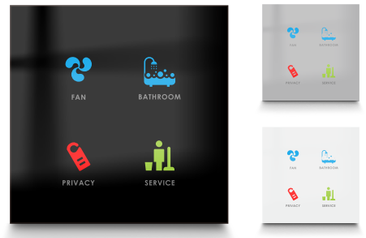




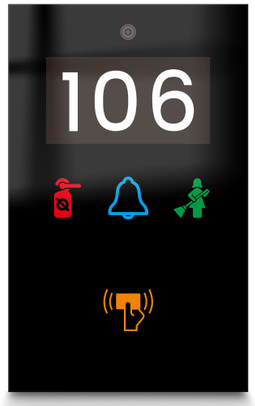
WIRELESS · 220V WIRING · CAT.5 WIRING



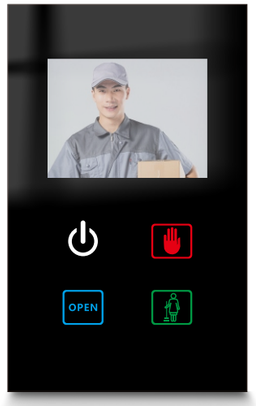
Outside Panel



Inside Panel



Outside Panel



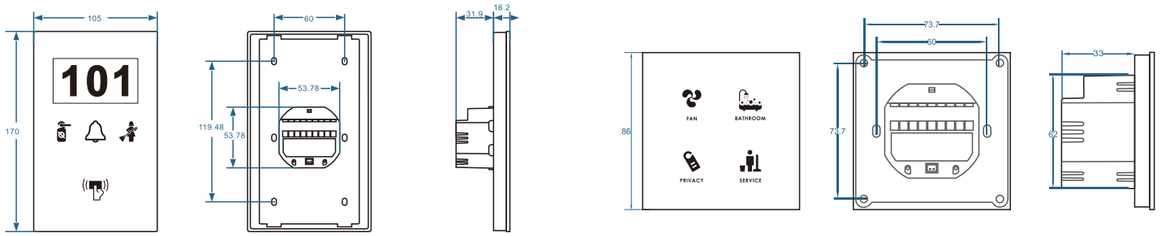
Inside Panel

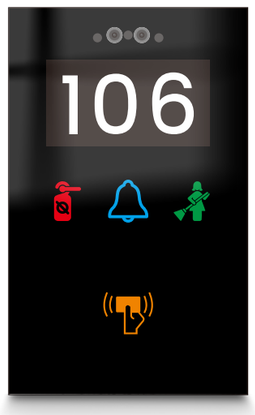
PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

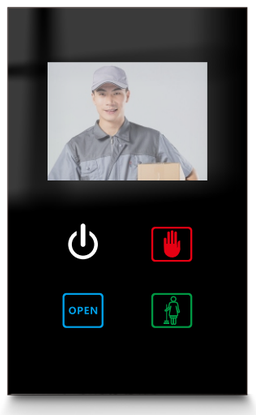
Size	105×170×42(mm)
Working Voltage	220V
Material	PC, acrylic, etc.
Communication	CAN-BUS/ZIGBEE

DIMENSION



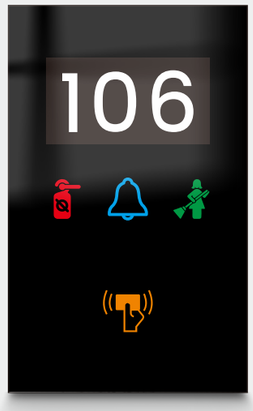


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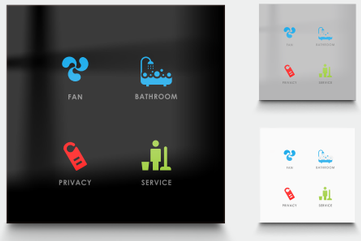


Inside Panel

WIRING

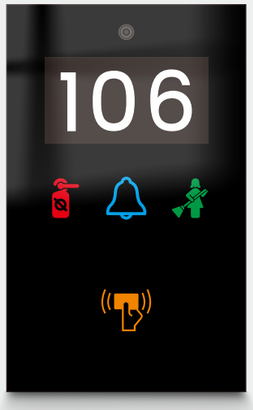


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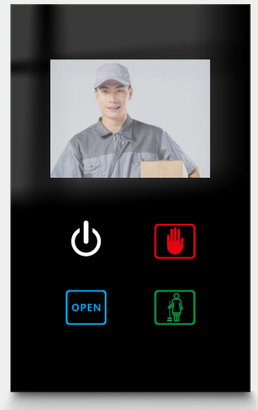


Inside Panel

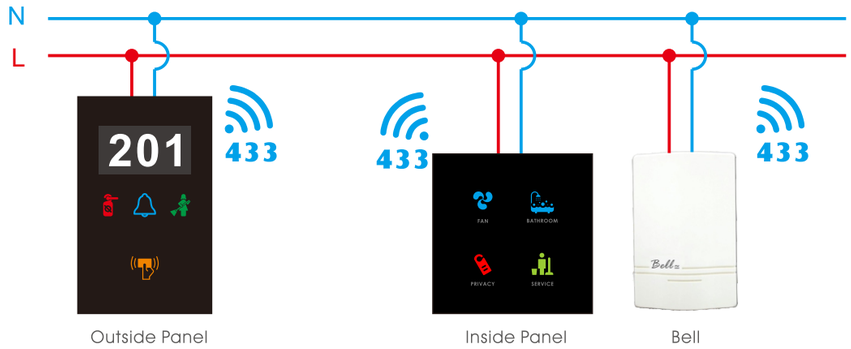
WIRING



Outside Panel



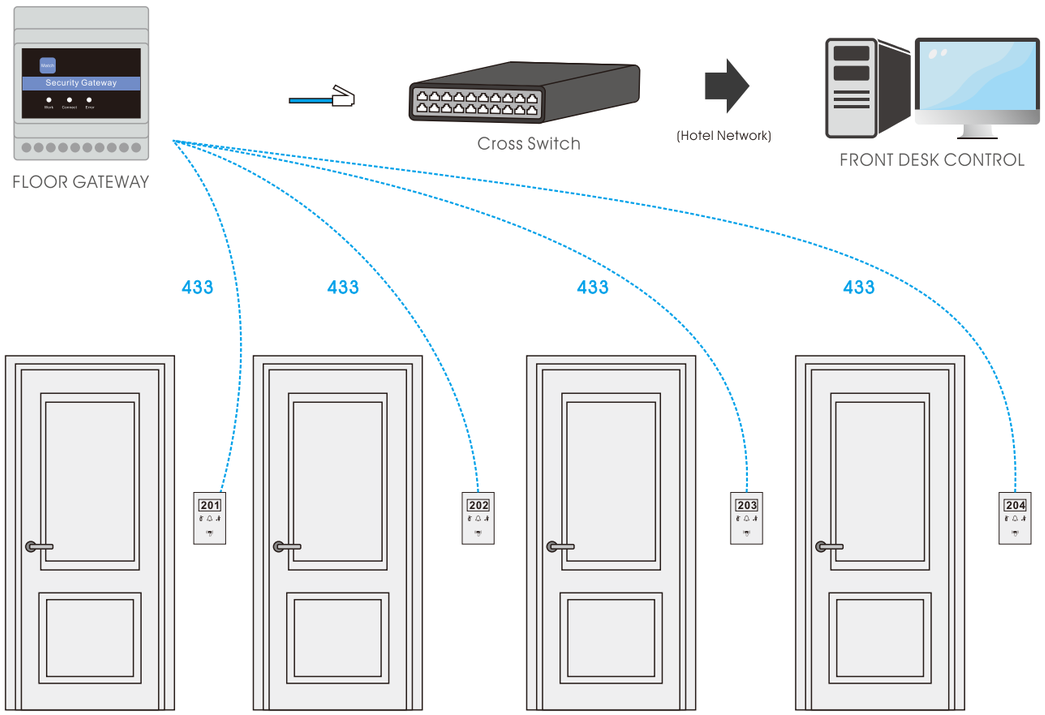
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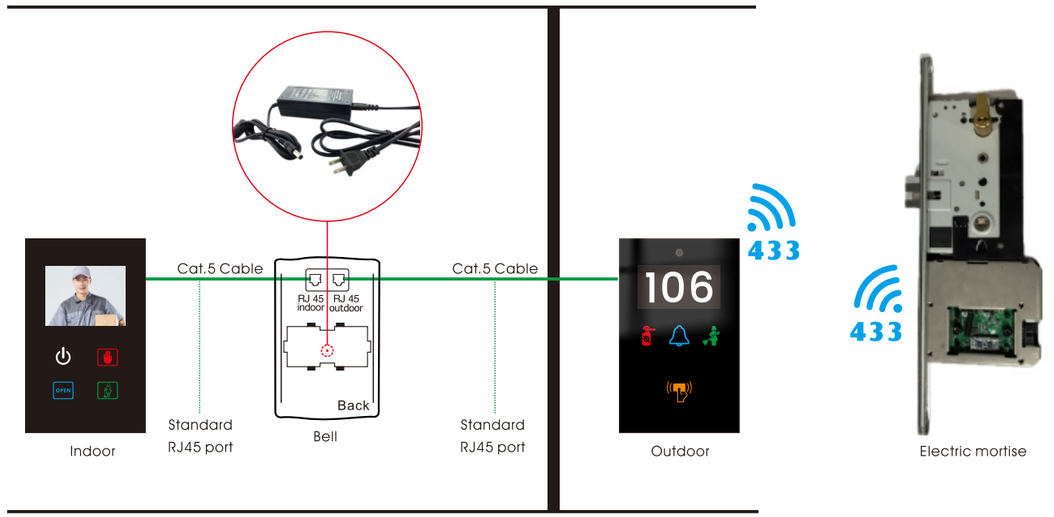


Outside Panel

Inside Panel

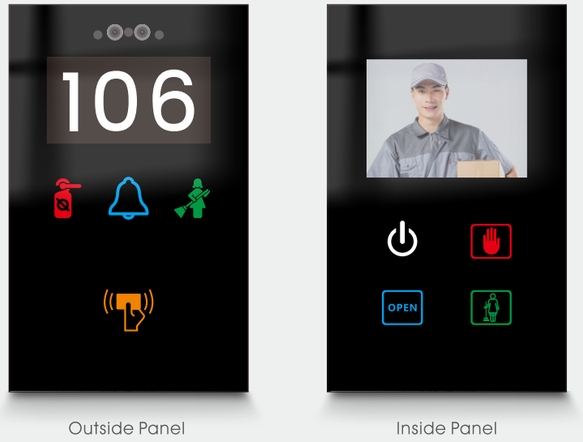
Bell



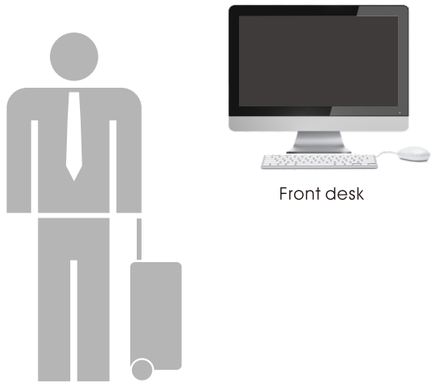


Note: Connect indoor-RJ45 port on bell control unit to indoor touch panel with cat.5 cable; connect the other RJ45 port on outdoor touch panel with cat.5 cable.

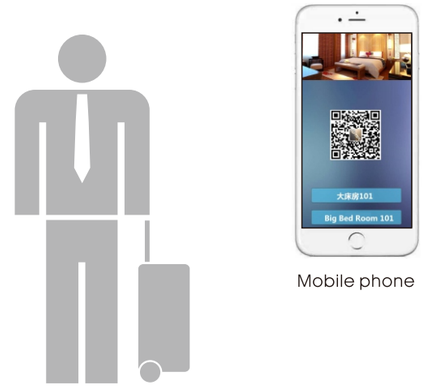
HOTEL DOORBELL



Outside Panel　　Inside Panel



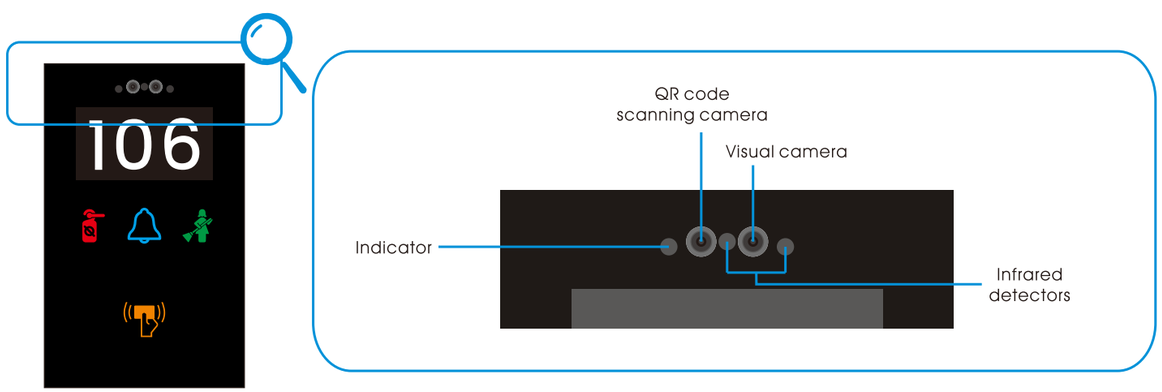
Guest checks in at front desk
Mobile number is recorded in system.

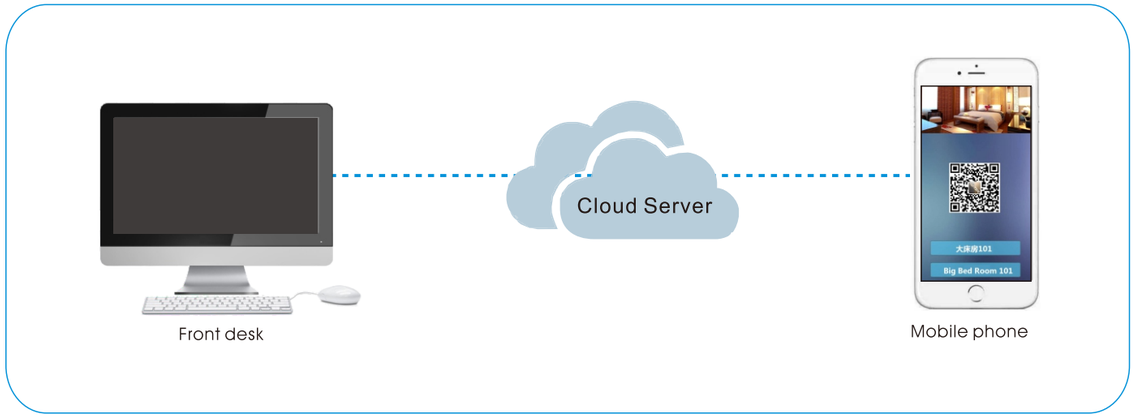


Guest binds his mobile number in app.

DOUBLE-CAMERA DOORBELL SYSTEM

- Double cameras on outside panel. One for visual the other for QR code scanning.
- Card reader on outside panel.
- Available for both QR code and card opening
- Available for Modbus protocol.
- Room statusindication.
- Indoor door open switch.
- Online management.





Mobile app connects with Front desk software through Cloud server.



QR code on APP is issued by front desk authorization, guest can use this QR code which would be scanned by doorbell outside panel to unlock door.

HOTEL DOORBELL

WIRELESS · 220V WIRING · CAT.5 WIRING

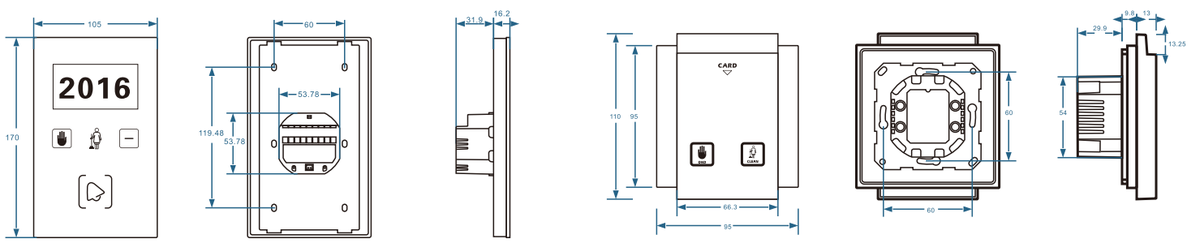




PARAMETER

Voltage Range	50/60Hz 110~240V AC	Size	105×170×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION



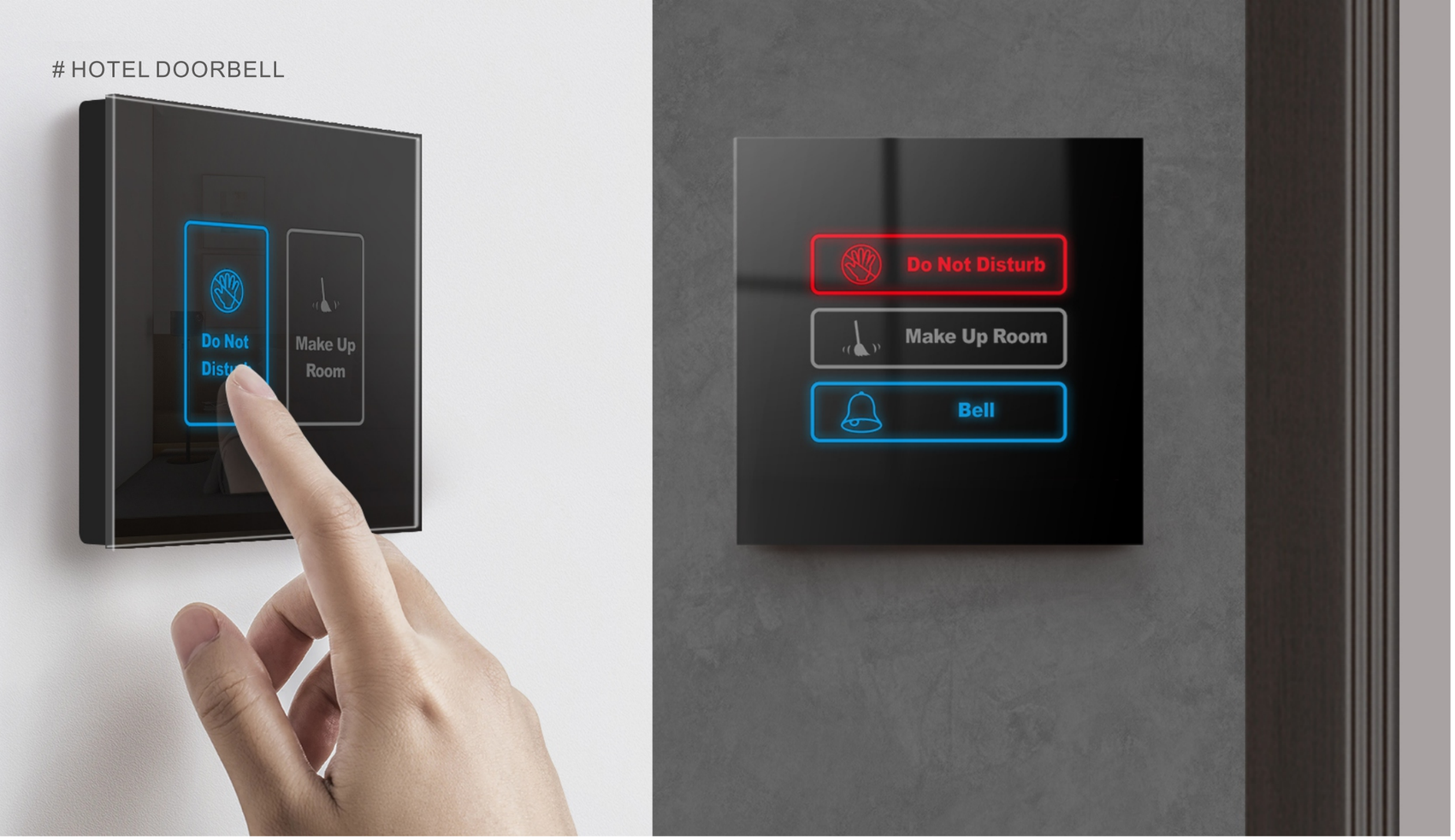


Outside Panel

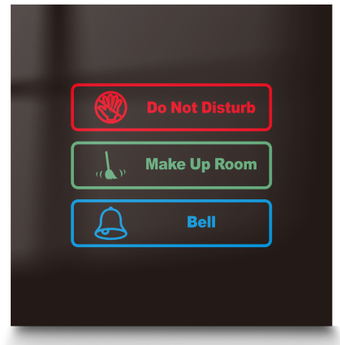


Inside Panel

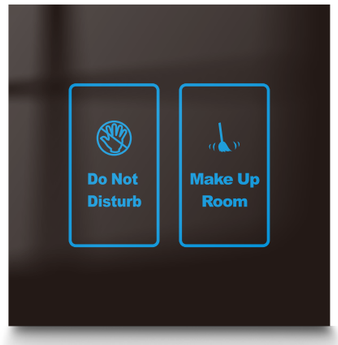
HOTEL DOORBELL



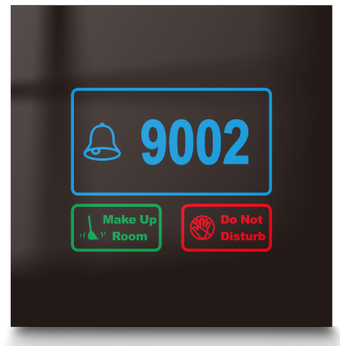
WIRELESS · 220V WIRING · CAT.5 WIRING



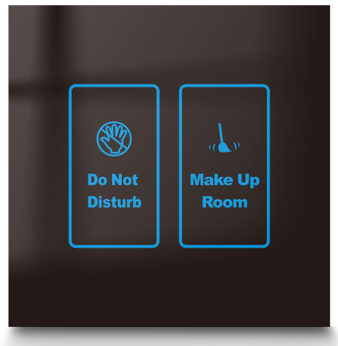
Outside Panel



Inside Panel



Outside Panel

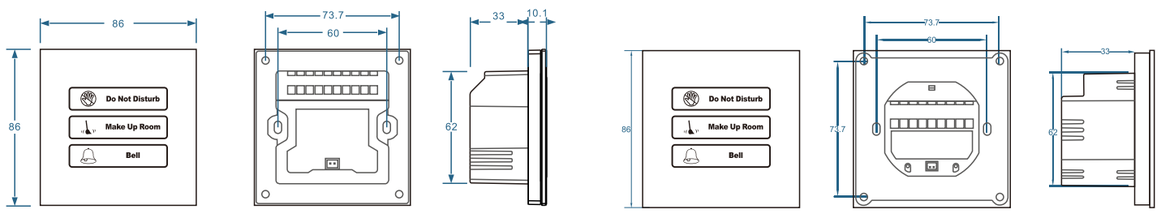


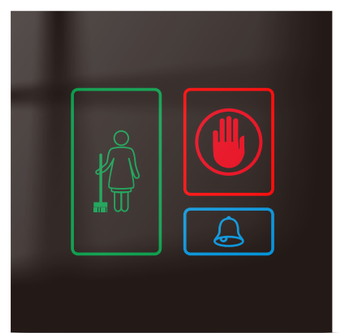
Inside Panel

PARAMETER

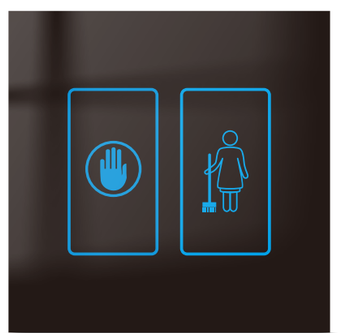
Voltage Range	50/60Hz 110~240V AC	Size	86×86×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel

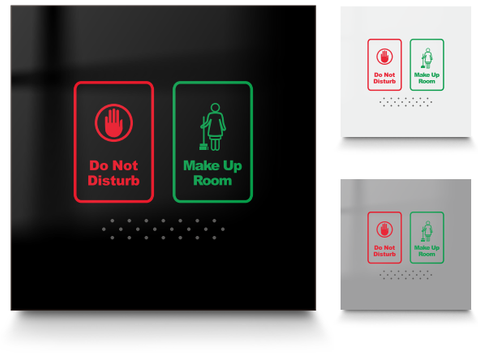


Inside Panel



WIRELESS · 220V WIRING · CAT.5 WIRING

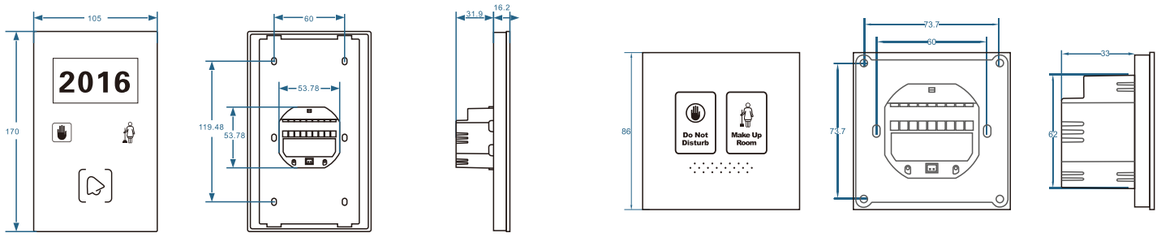




PARAMETER

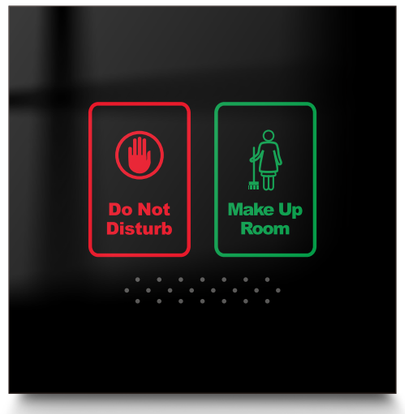
Voltage Range	50/60Hz 110~240V AC	Size	105×170×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel

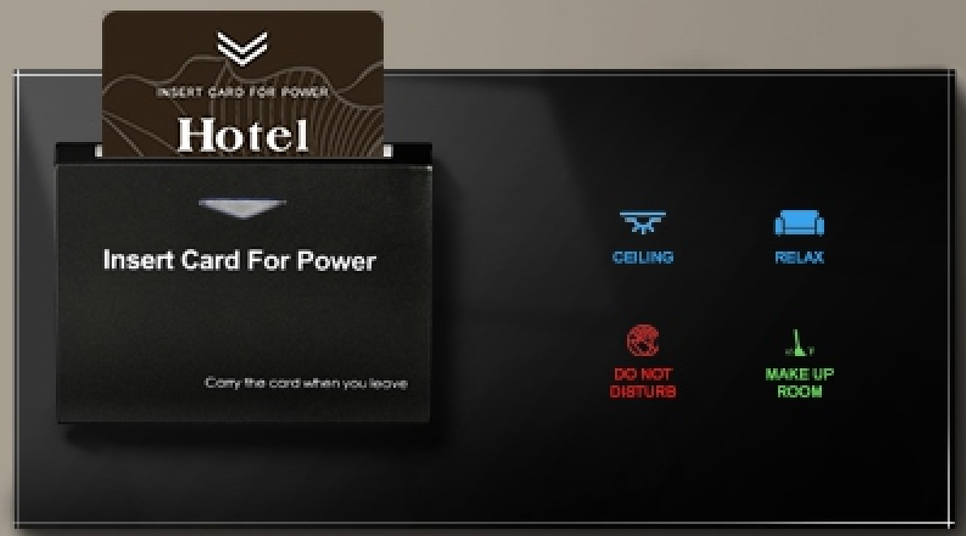


Inside Panel

HOTEL DOORBELL

WIRELESS · 220V WIRING · CAT.5 WIRING

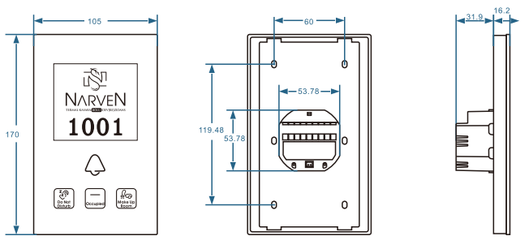


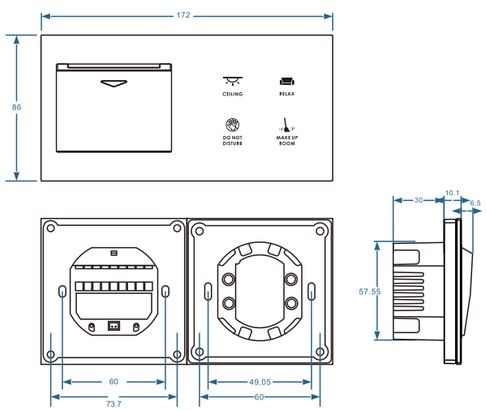


PARAMETER

Voltage Range	50/60Hz 110~240V AC	Size	105×170×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION







Outside Panel



Inside Panel

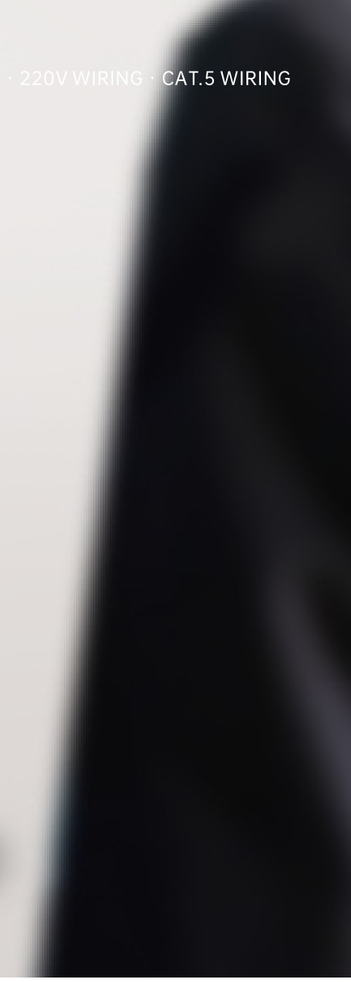
HOTEL DOORBELL

WIRELESS · 220V WIRING · CAT.5 WIRING





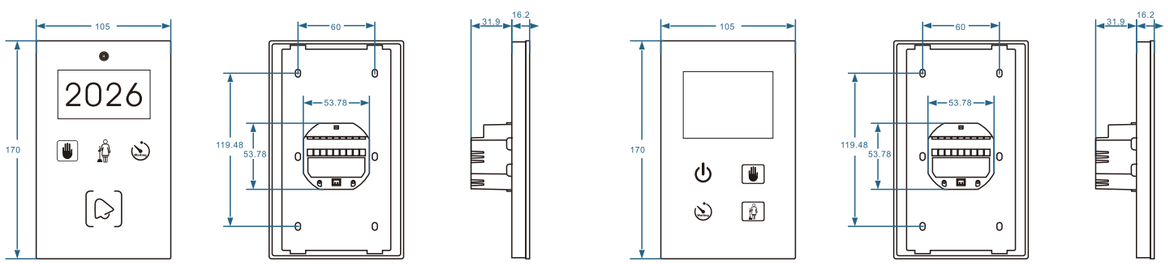




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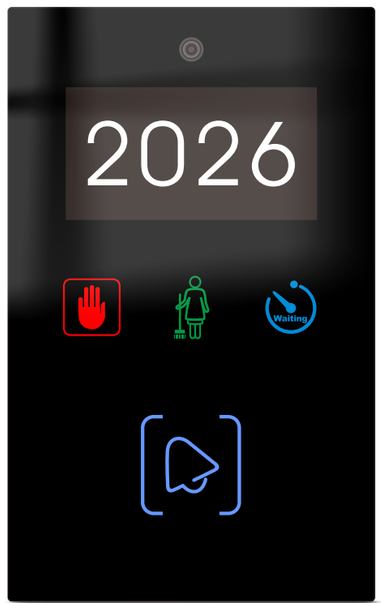
Voltage Range	50/60Hz 110~240V AC	Size	105×170×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





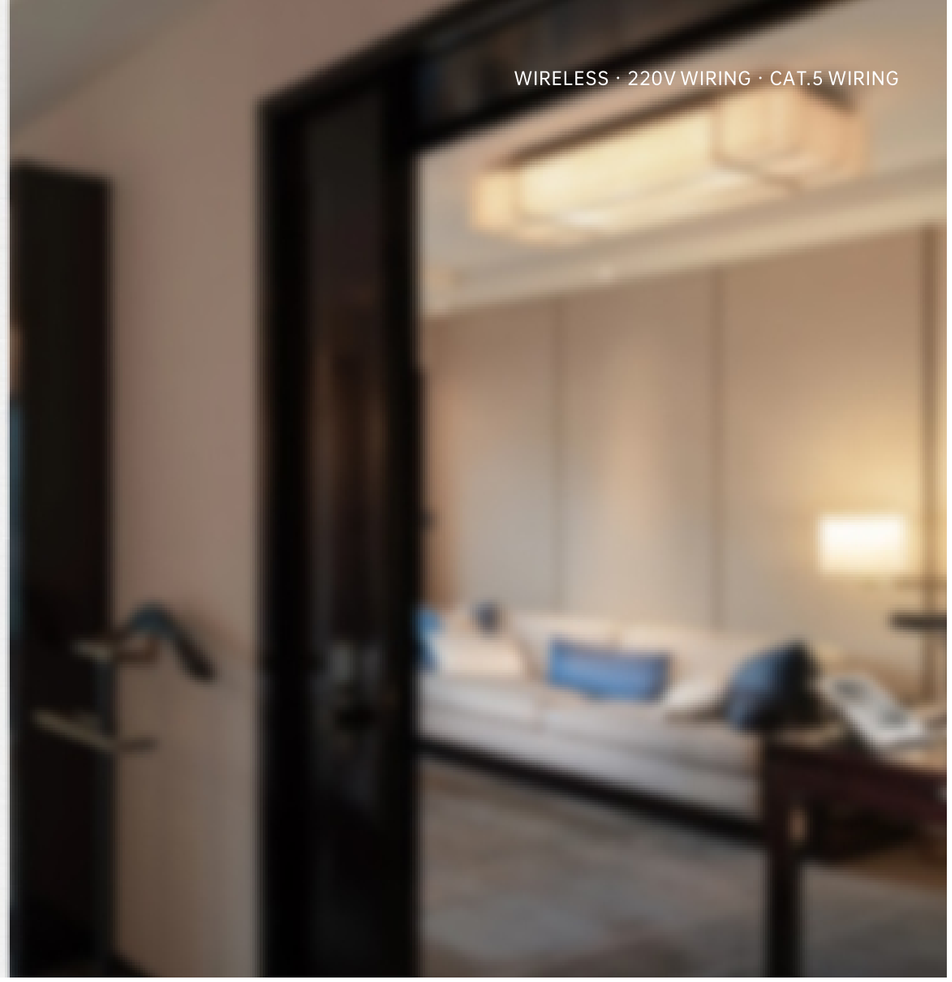
Inside Panel



Outside Panel

HOTEL DOORBELL



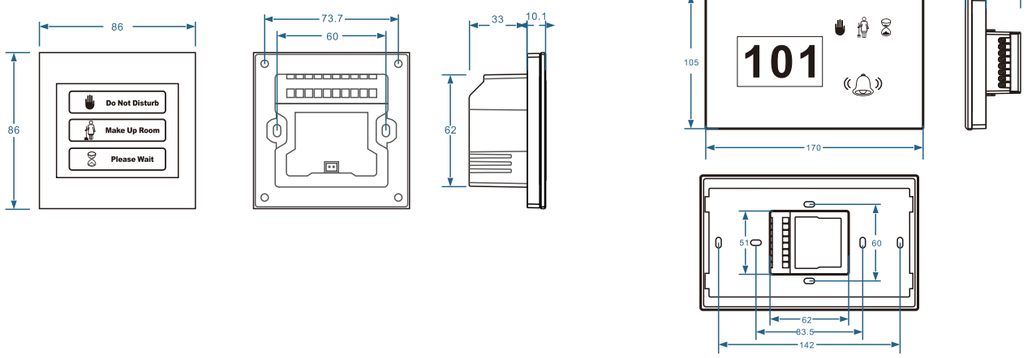


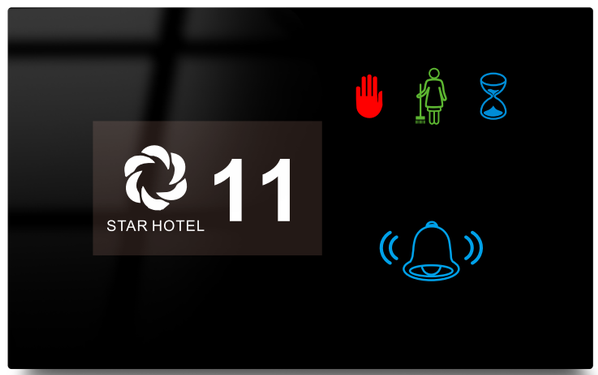
WIRELESS · 220V WIRING · CAT.5 WIRING

PARAMETER

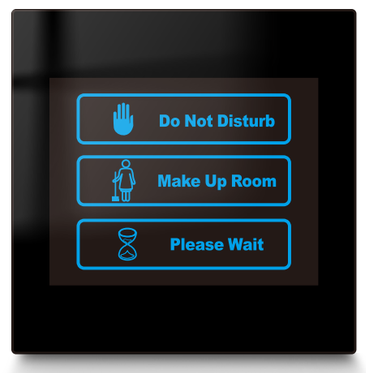
Voltage Range	50/60Hz 110~240V AC	Size	105×170×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel



Inside Panel

HOTEL DOORBELL

WIRELESS · 220V WIRING · CAT.5 WIRING

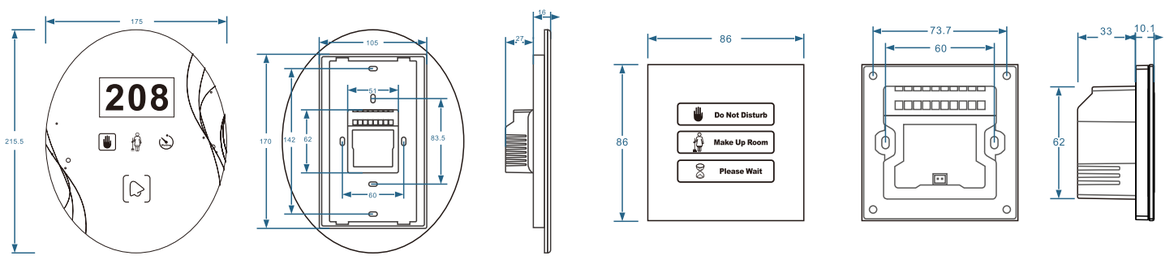




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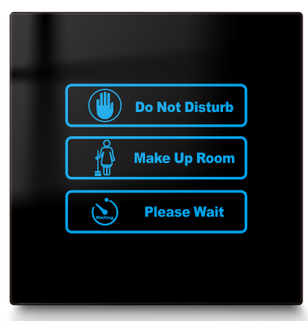
Voltage Range	50/60Hz 110~240V AC	Size	175×215.5×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	Acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel



Inside Panel

HOTEL DOORBELL

WIRELESS · 220V WIRING · CAT.5 WIRING

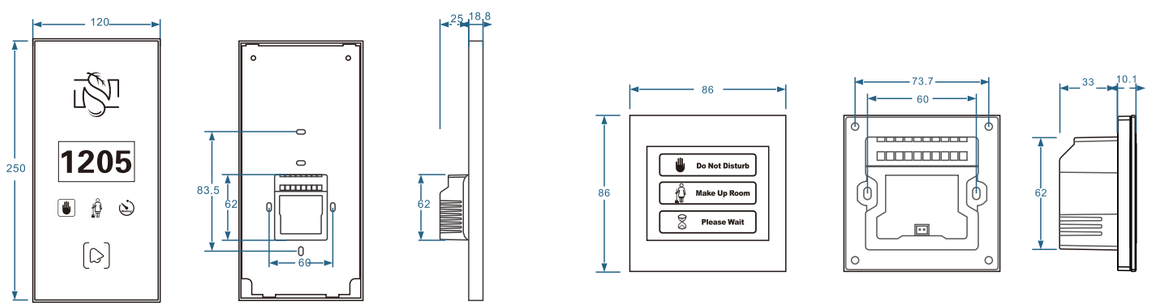




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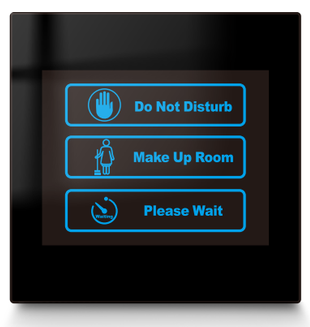
Voltage Range	50/60Hz 110~240V AC	Size	120×250×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel



Inside Panel

HOTEL DOORBELL

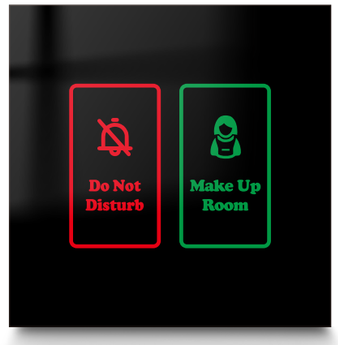




WIRELESS · 220V WIRING · CAT.5 WIRING



Outside Panel

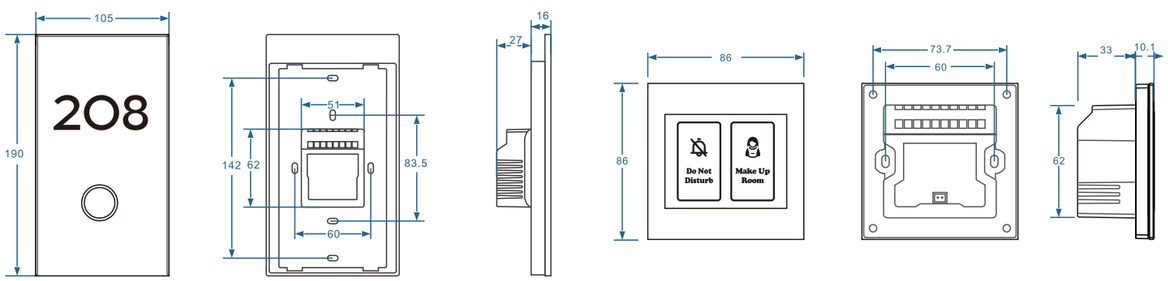


Inside Panel

PARAMETER

Voltage Range	50/60Hz 110~240V AC	Size	105×190×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION







HOTEL DOORBELL

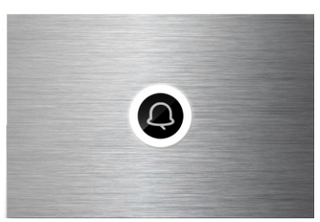
WIRELESS · 220V WIRING · CAT.5 WIRING

Do not disturb

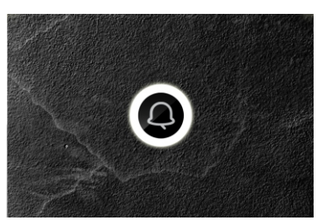
Make up room

PARAMETER

Voltage Range	50/60Hz 110~240V AC	Size	105×190×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

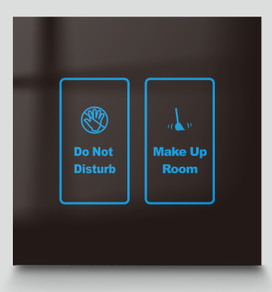








Outside Panel



Inside Panel

HOTEL DOORBELL





WIRELESS · 220V WIRING · CAT.5 WIRING



Do not disturb



Make up room

PARAMETER

Voltage Range	50/60Hz 110~240V AC	Size	105×190×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

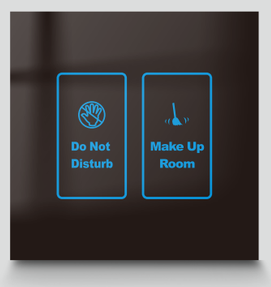








Outside Panel



Inside Panel

HOTEL DOORBELL

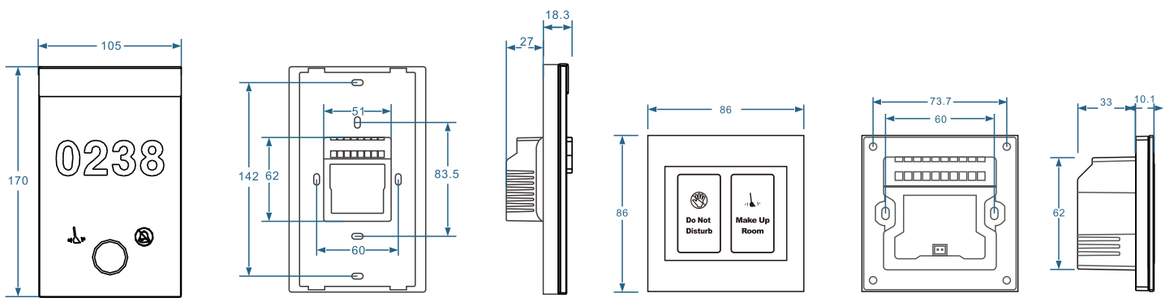
WIRELESS · 220V WIRING · CAT.5 WIRING



PARAMETER

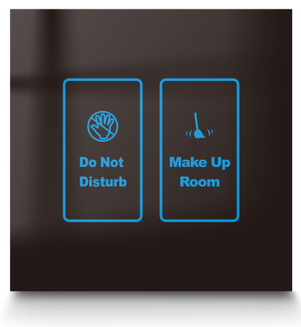
Voltage Range	50/60Hz 110~240V AC	Size	105×170×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel



Inside Panel

HOTEL DOORBELL

WIRELESS · 220V WIRING · CAT.5 WIRING







Outside Panel



Inside Panel



Outside Panel

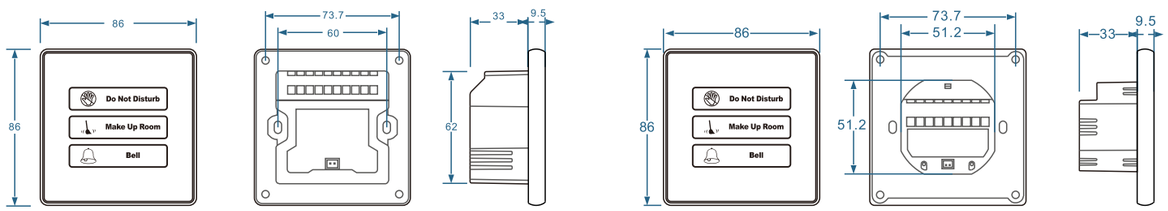


Inside Panel

PARAMETER

Voltage Range	50/60Hz 110~240V AC	Size	86×86×42(mm)
Service Life	Touch 100 thousand times.	Working Voltage	220V
Temperature	-10℃~60℃	Material	PC, acrylic, etc.
Humidity	50℃ 10~95% RH	Communication	CAN-BUS/ZIGBEE
Max Current	5A		

DIMENSION





Outside Panel



Inside Panel

HOTEL DOORBELL

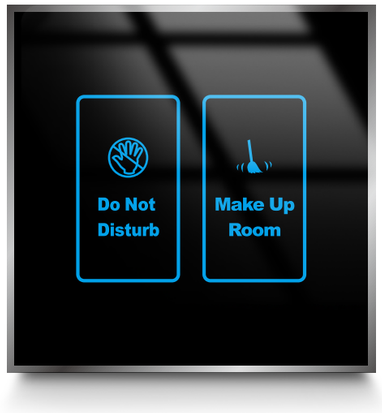
WIRELESS · 220V WIRING · CAT.5 WIRING

1900 series



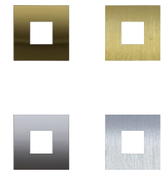


Outside Panel



Inside Panel

2000 series





Outside Panel



Inside Panel

1800 series





Outside Panel



Inside Panel

2300 series





Outside Panel



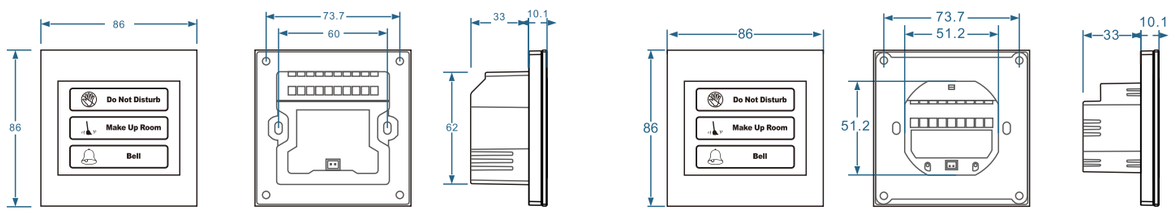
Inside Panel

PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×42(mm)
Working Voltage	220V
Material	PC, acrylic, etc.
Communication	CAN-BUS/ZIGBEE

DIMENSION



IVOR Hotel Room Management Solution

WIRELESS · 220V WIRING · CAT.5 WIRING



Outside panel



Card key switch



Inside panel



Air-conditioner thermostat

Lighting switch

Dimmer control



Lighting switch

Dimmer control



Dimmer control

Air-conditioner thermostat



Curtain control



Computer socket +Telephone socket



Two or three multifunctional socket



TV socket

Multi-media

USB+HDIM



Shaving socket



SOS socket

KEY CARD SWITCH



PRODUCT OVERVIEW

• Description

Force-electricity Card Key Switch is featured by innovative design, convenient and simple operation. It's made of PC fire resistant, insulating materials or acrylic material with optional colors . Different cards identification facilitates hotel managements.

• Operation

Insert a corresponding card, the room will be activated. Take out the card, the room will be power off after 15 seconds.

Card type ① ANY CARD
Card type ② EM CARD, 57 CARD or low frequency card like 125KHz
Card type ③ MIFARE S50 CARD(M1 CARD) /ULTRALIGHT CARD
Card type ④ MAGNETIC CARD

• Parameter

Voltage Range	50/60Hz 110~240V AC
Service Life	More than 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Loading Current	No more than 16A
Power off delay	15 seconds

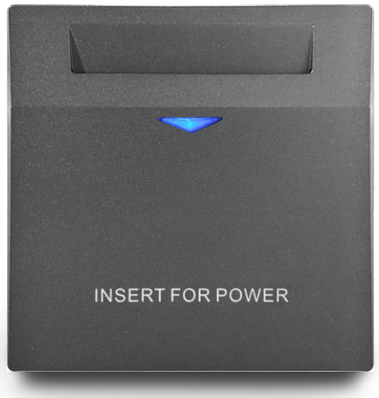


KEY CARD SWITCH



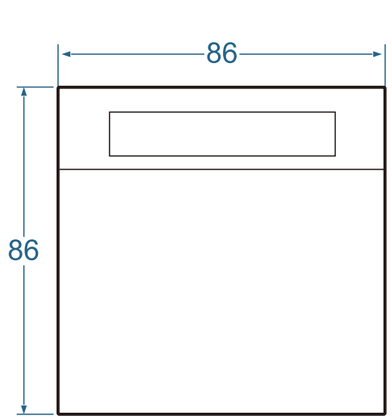


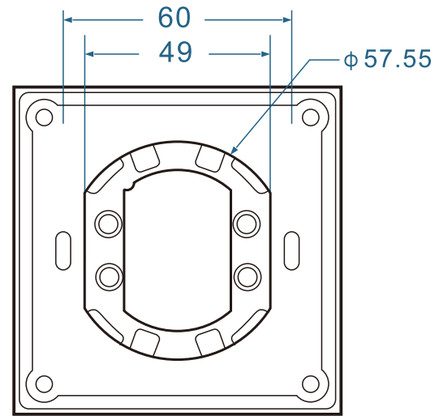


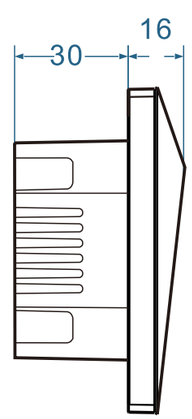




DIMENSION





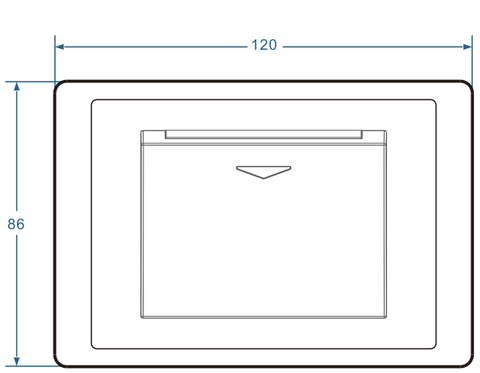


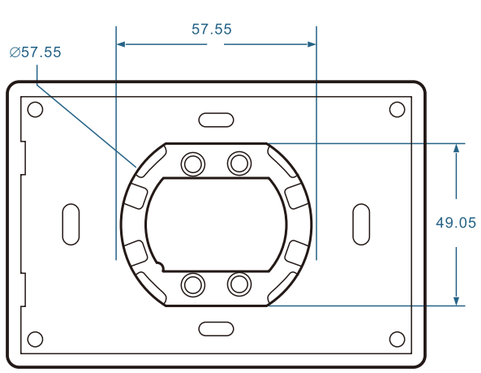
KEY CARD SWITCH





DIMENSION









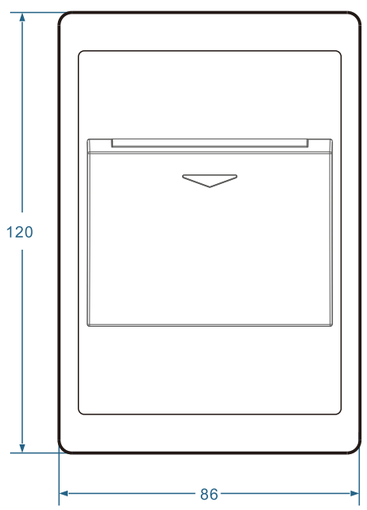


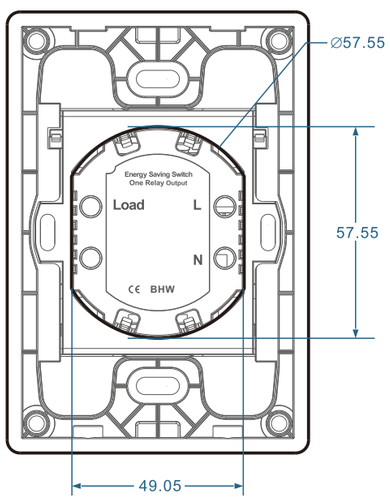
KEY CARD SWITCH

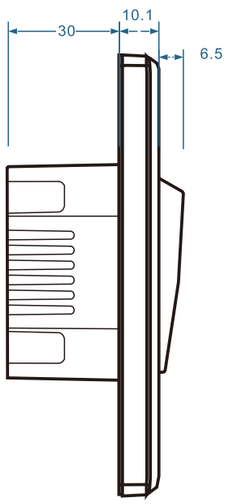




DIMENSION







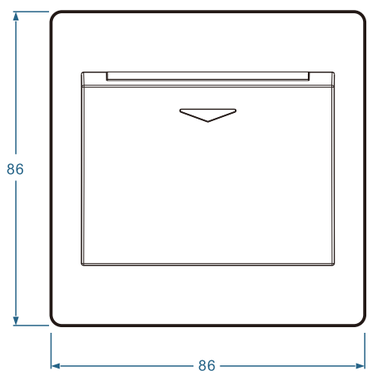


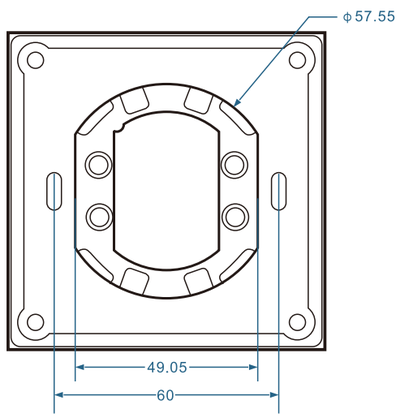


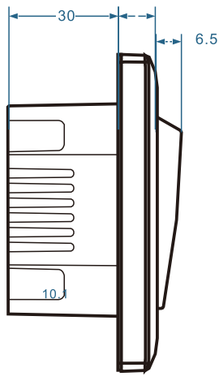
KEY CARD SWITCH



DIMENSION









2000 SERIES

COLOUR

Material: PC, etc.

Size: 86×86×42(mm)



100 SERIES

COLOUR

Material: Acrylic, PC, etc.

Size: 86×86×42(mm)



2300 SERIES

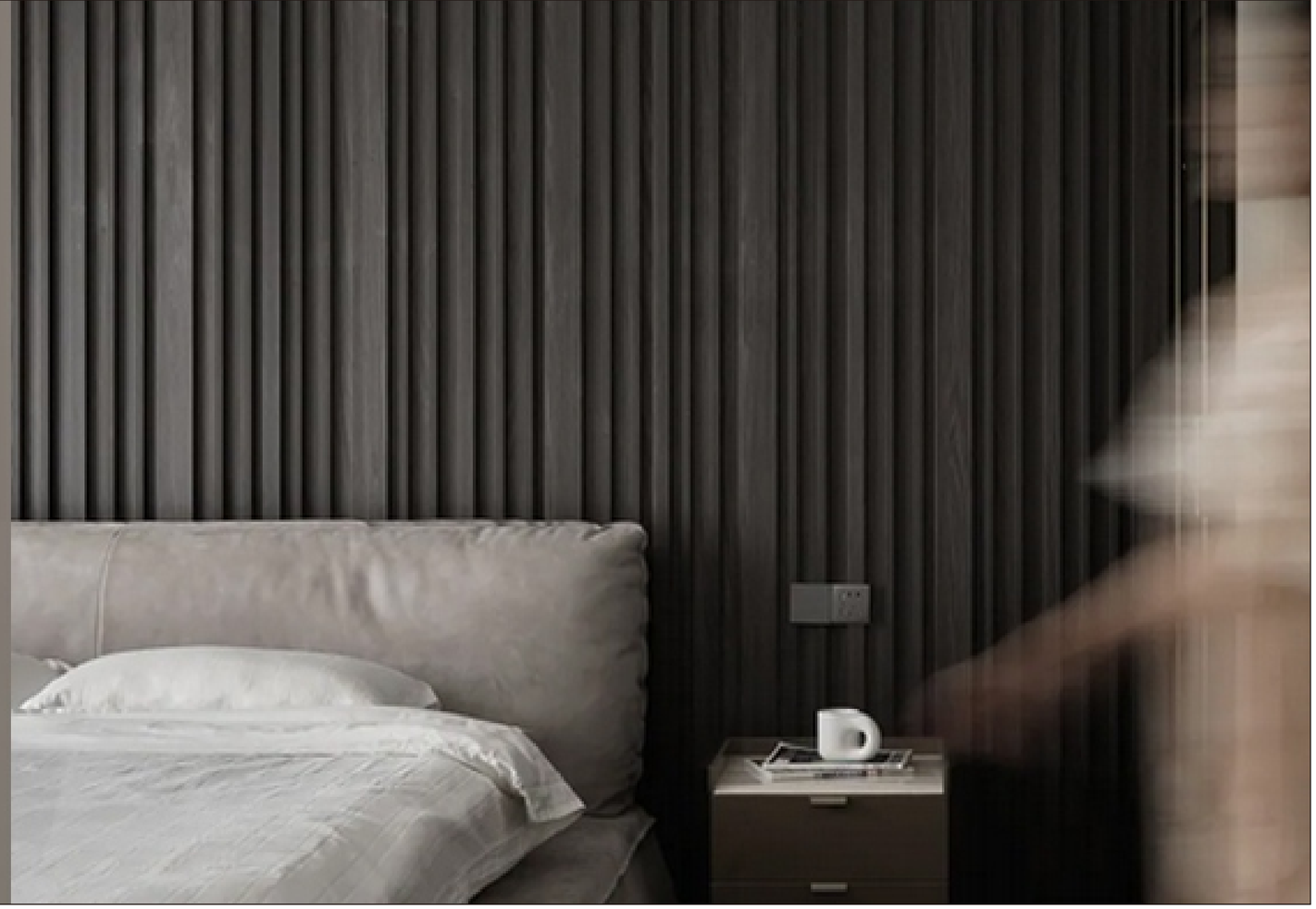
COLOUR

Material: PC, etc.

Size: 86×86×42(mm)

KEY CARD SWITCH



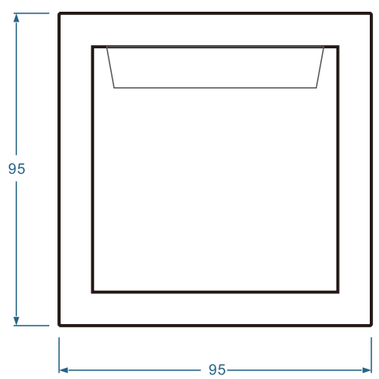


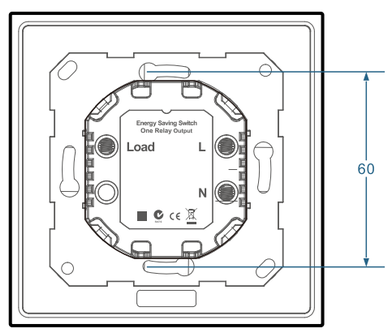
DIMENSION

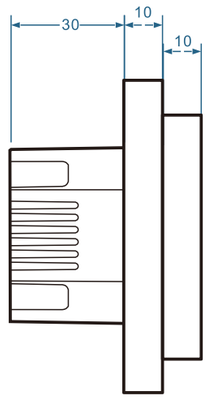












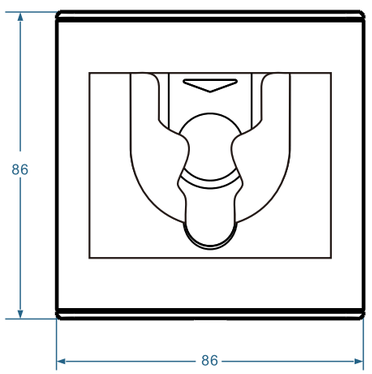
KEY CARD SWITCH

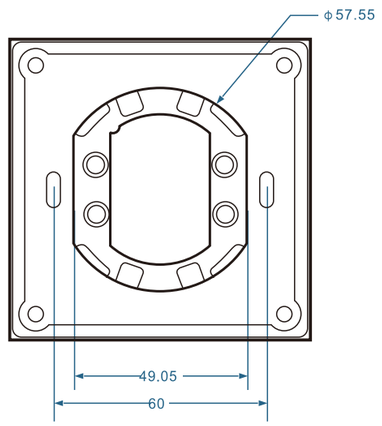


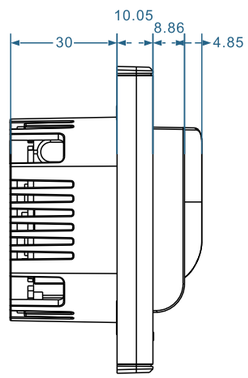




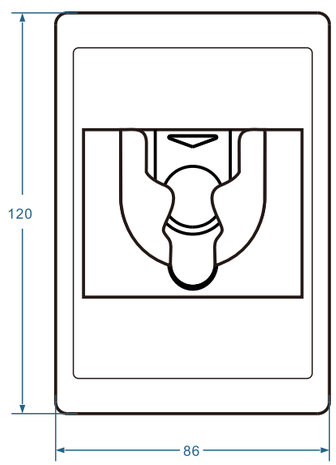
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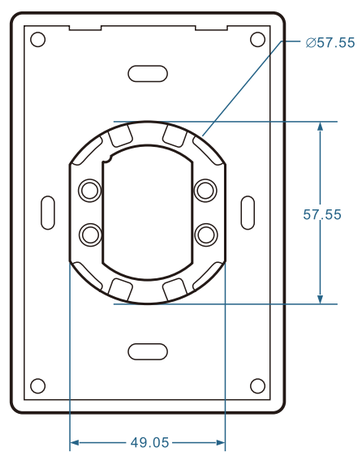


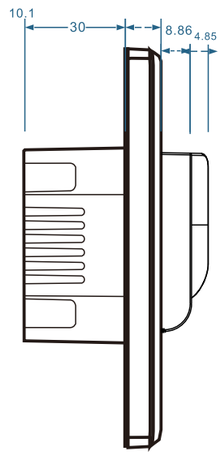




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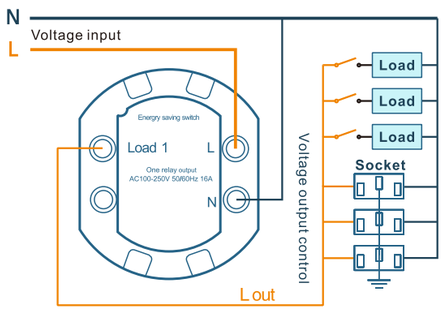




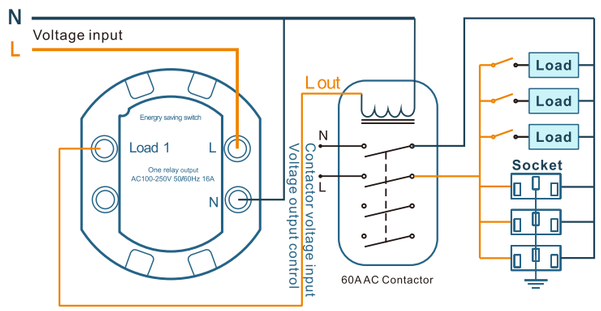


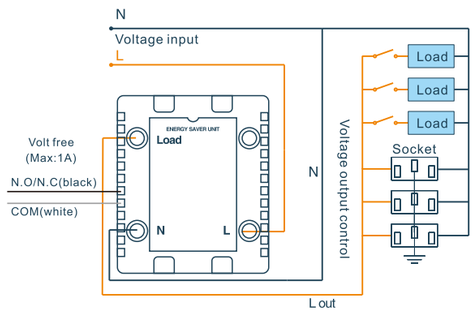
WIRING

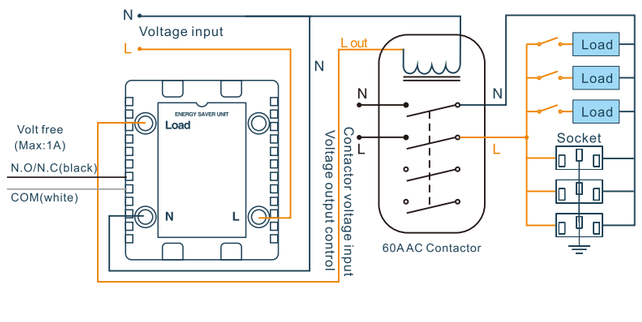
Energy saver



Energy saver with AC Contactor







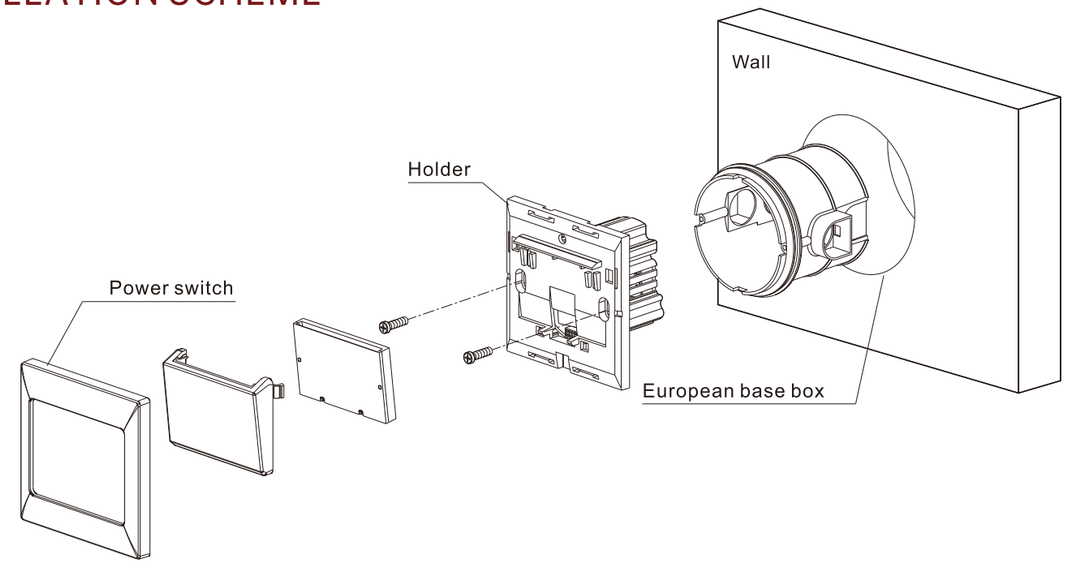




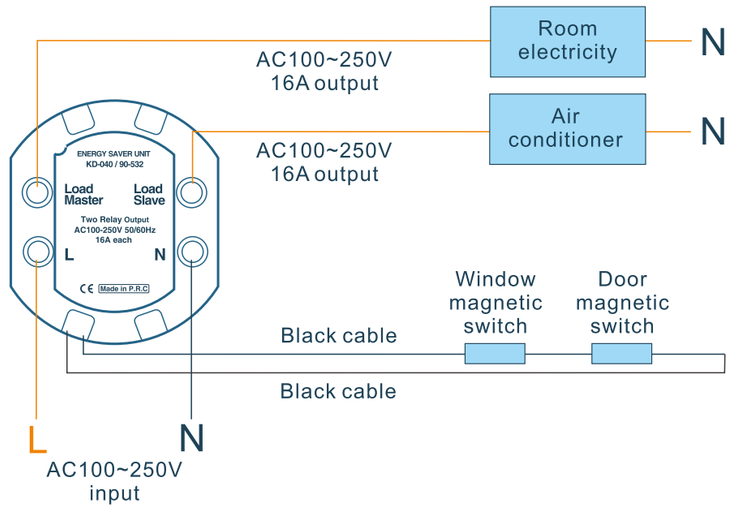
PARAMETER

MCU processor	24MHz/64k MCU
Current loading	Control output 30A(2x16A) AC 60/50HZ, 100~250V
Power of self-consumption	<0.2W
Operating life	>100,000 times if contactor is used under 220V and full load
Operating temperature	-10℃~60℃
Operating humidity	10~95%RH under 50℃
Environment	Transportation storage temperature range: 20℃~80℃
Installation	Directly installed on standard 86 base box, providing screws and holder.
External dimension	W86mmxH86mmxD42mm

INSTALLATION SCHEME



Two-relay energy saver



DND KEY CARD SYSTEM



New type indoor unit to work with the hotel DND outside panel

1. Do not disturb/ Make up room operation

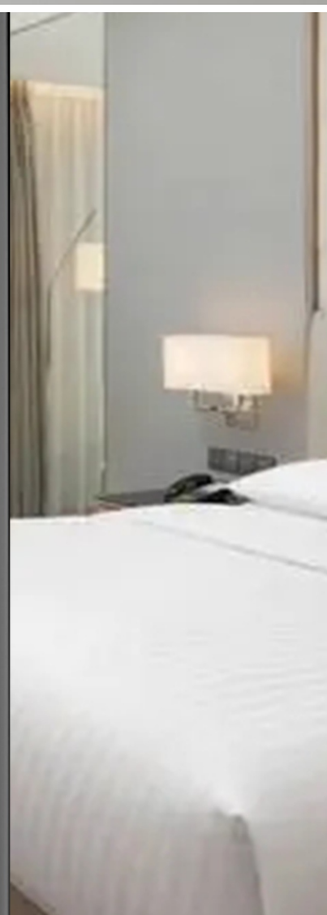
2. Insert Mifare 1 card to activate guest room power

3. 1 gang lighting control is added to the new order

4. AC 220V and DC12V both available





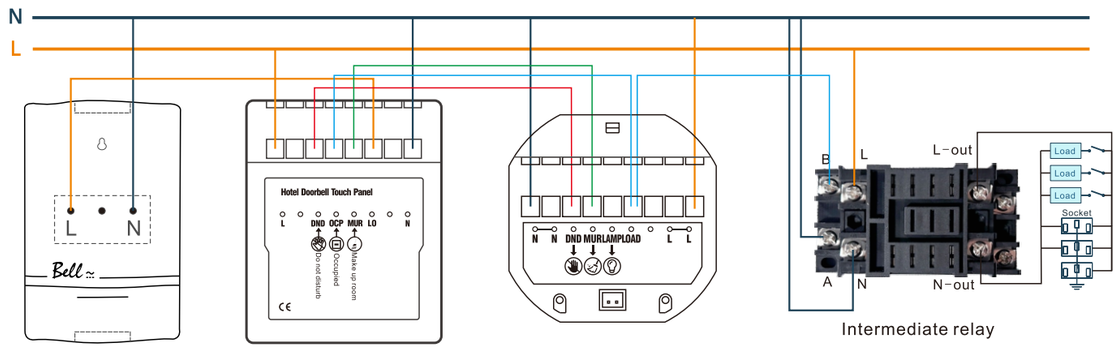


DND KEY CARD SYSTEM

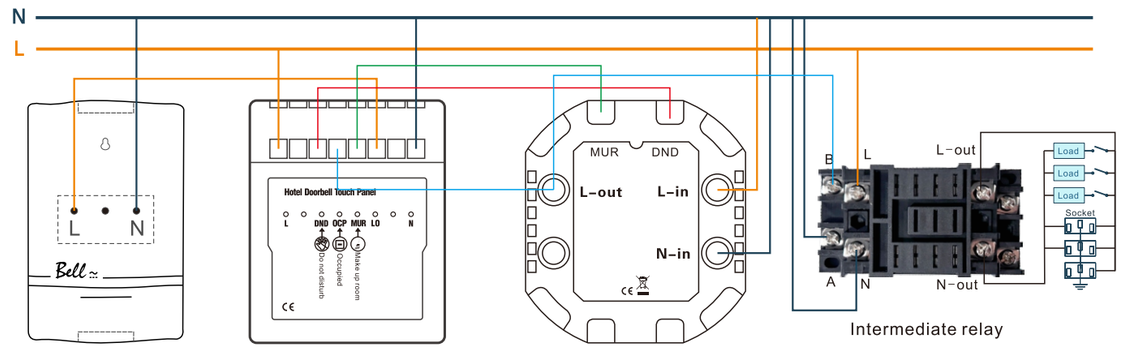




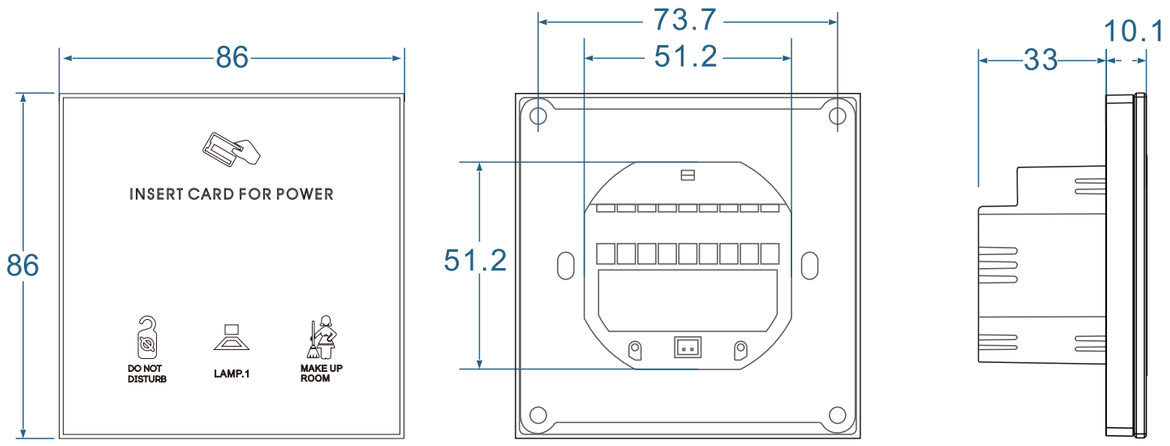
WIRING



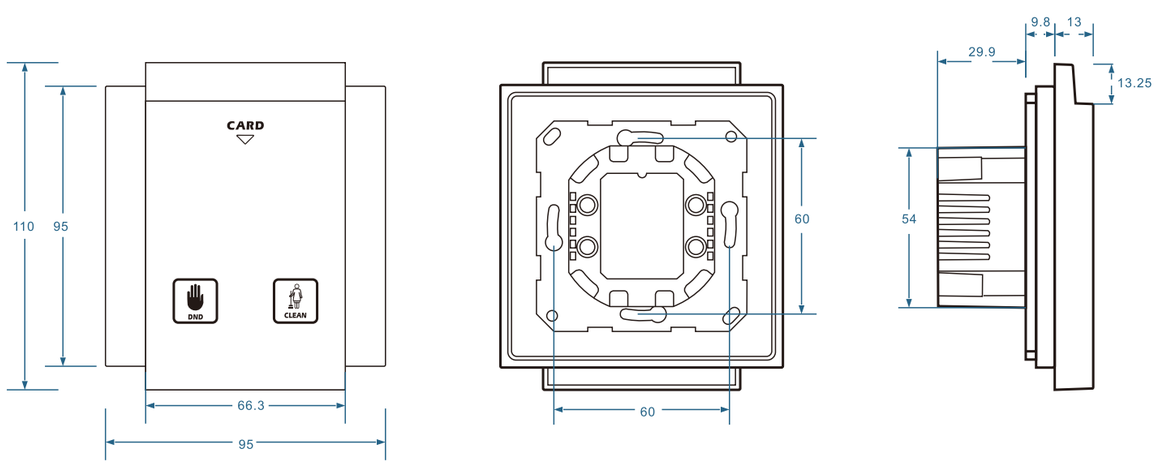
WIRING



DIMENSION



DIMENSION



LIGHT CONTROL



LIGHT CONTROL





White



Grey



Black



Bronze



1 Gang



2 Gang



3 Gang



4 Gang



5 Gang

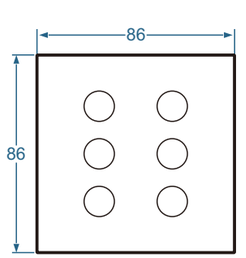


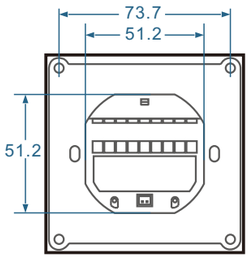
6 Gang

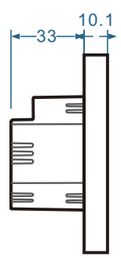
PARAMETER

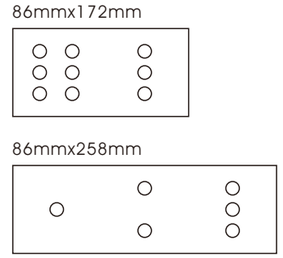
Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, acrylic, etc.
Communication	CAN-BUS/ZIGBEE



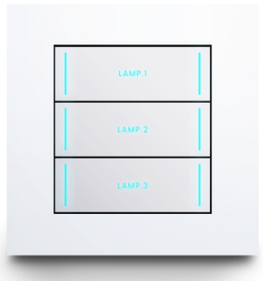




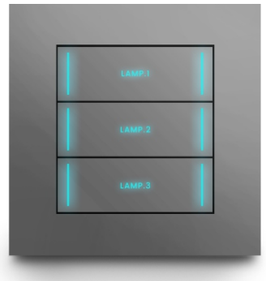


LIGHT CONTROL

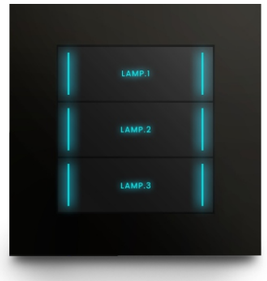




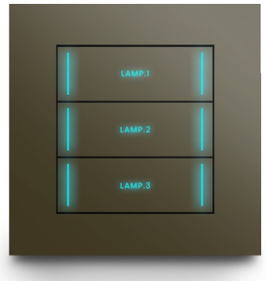
White



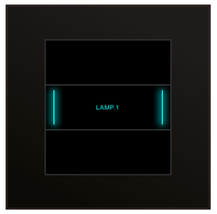
Grey



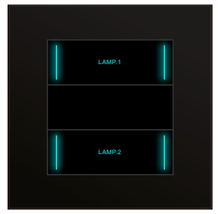
Black



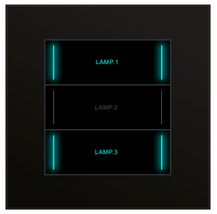
Bronze



1 Gang



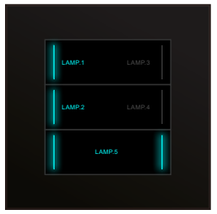
2 Gang



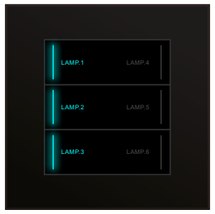
3 Gang



4 Gang



5 Gang

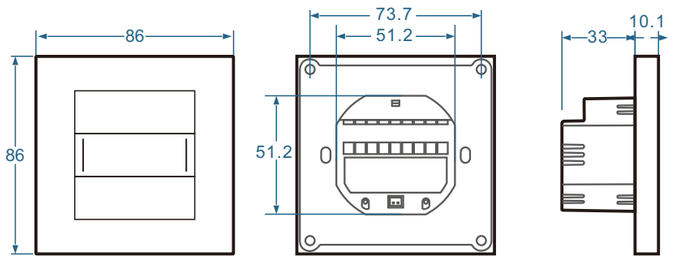


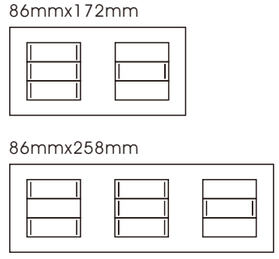
6 Gang

PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, acrylic, etc.
Communication	CAN-BUS/ZIGBEE





LIGHT CONTROL





Red



Green



Yellow



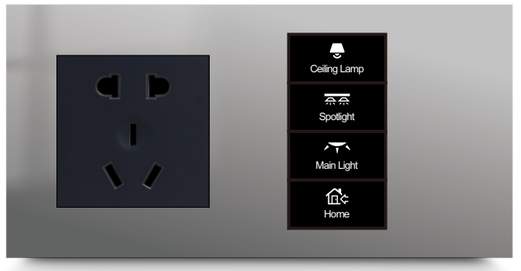
White



Grey



Black

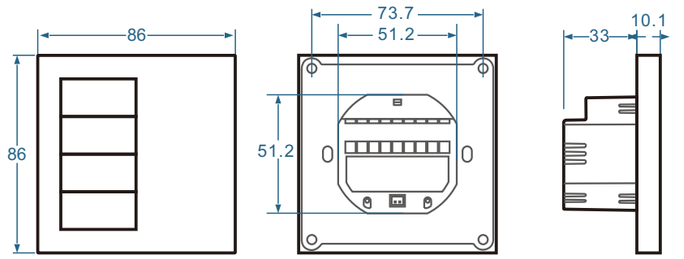


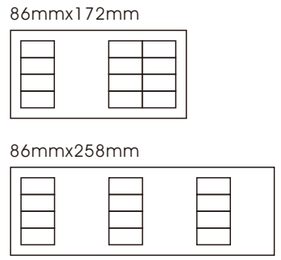
Two conjoined

PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, Aluminum alloy, etc.
Communication	CAN-BUS/ZIGBEE





LIGHT CONTROL

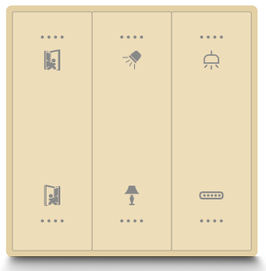




Grey



Black



Gold



Silver



1 Gang



2 Gang



3 Gang



Two conjoined



4 Gang



6 Gang

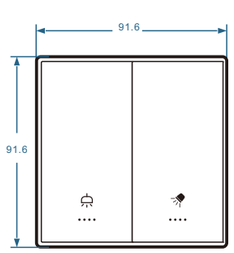


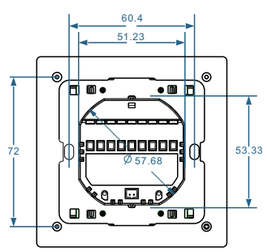
Three conjoined

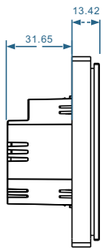
PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, Aluminum alloy, etc.
Communication	CAN-BUS/ZIGBEE







86mmx172mm



86mmx258mm



LIGHT CONTROL





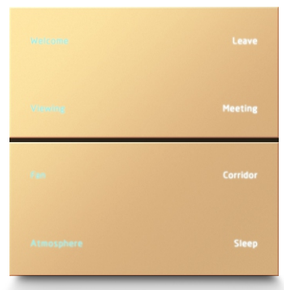
Black



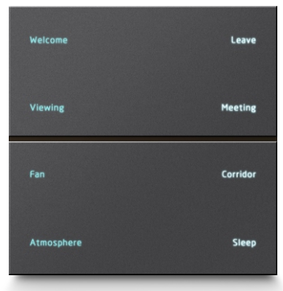
White



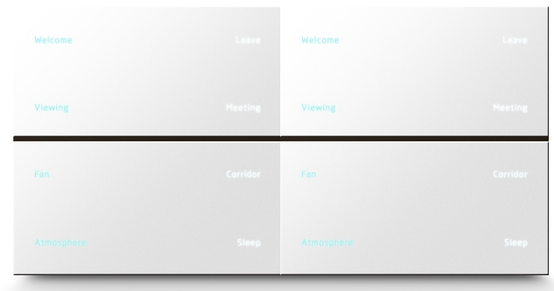
Silver



Gold



Grey

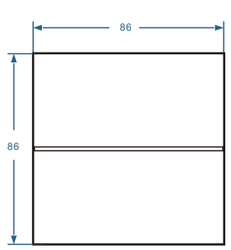


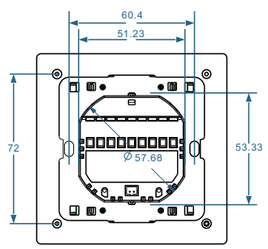
Two conjoined

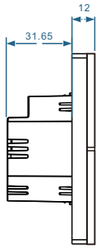
PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

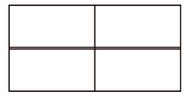
Size	86×86×43(mm)
Working Voltage	220V
Material	Aluminum alloy, etc.
Communication	CAN-BUS/ZIGBEE







86mmx172mm



86mmx258mm

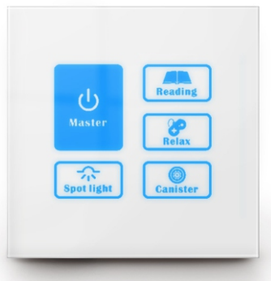


LIGHT CONTROL





Grey



White



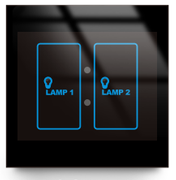
Black



Gold



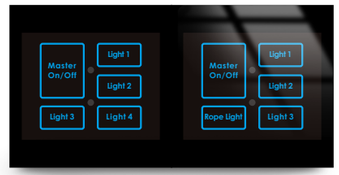
1 Gang



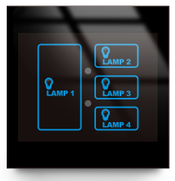
2 Gang



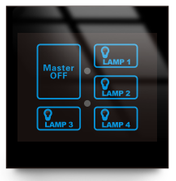
3 Gang



Two conjoined



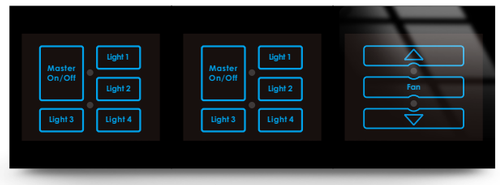
4 Gang



5 Gang



6 Gang

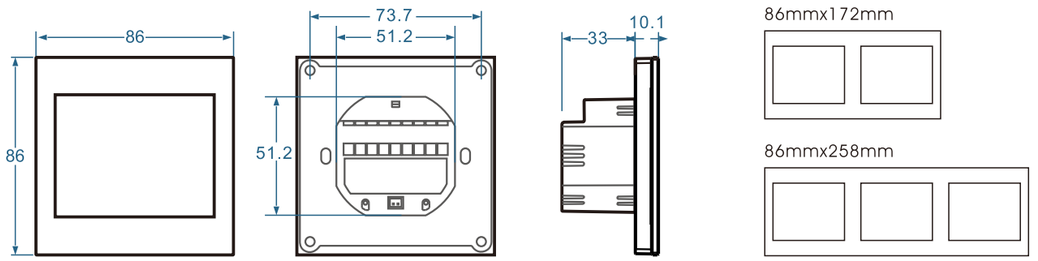


Three conjoined

PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, Aluminum alloy, etc.
Communication	CAN-BUS/ZIGBEE

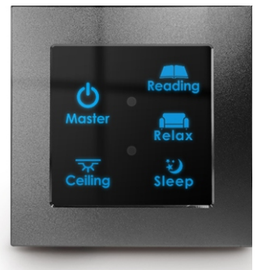


LIGHT CONTROL





Silver



Grey



Black



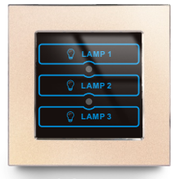
Rose gold



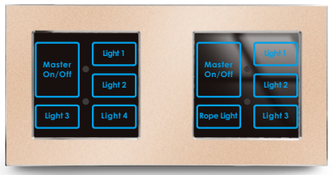
1 Gang



2 Gang



3 Gang



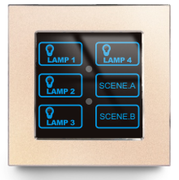
Two conjoined



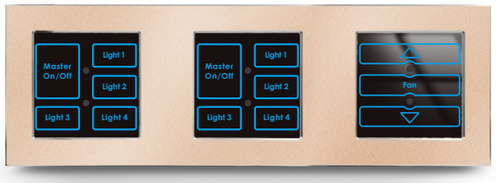
4 Gang



5 Gang



6 Gang

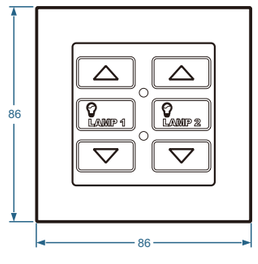


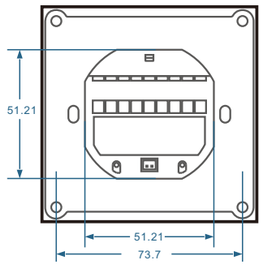
Three conjoined

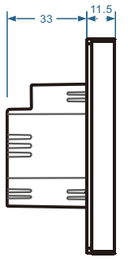
PARAMETER

Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

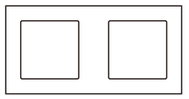
Size	86×86×43(mm)
Working Voltage	220V
Material	PC, Aluminum alloy, etc.
Communication	CAN-BUS/ZIGBEE



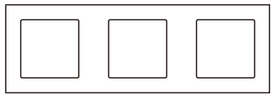




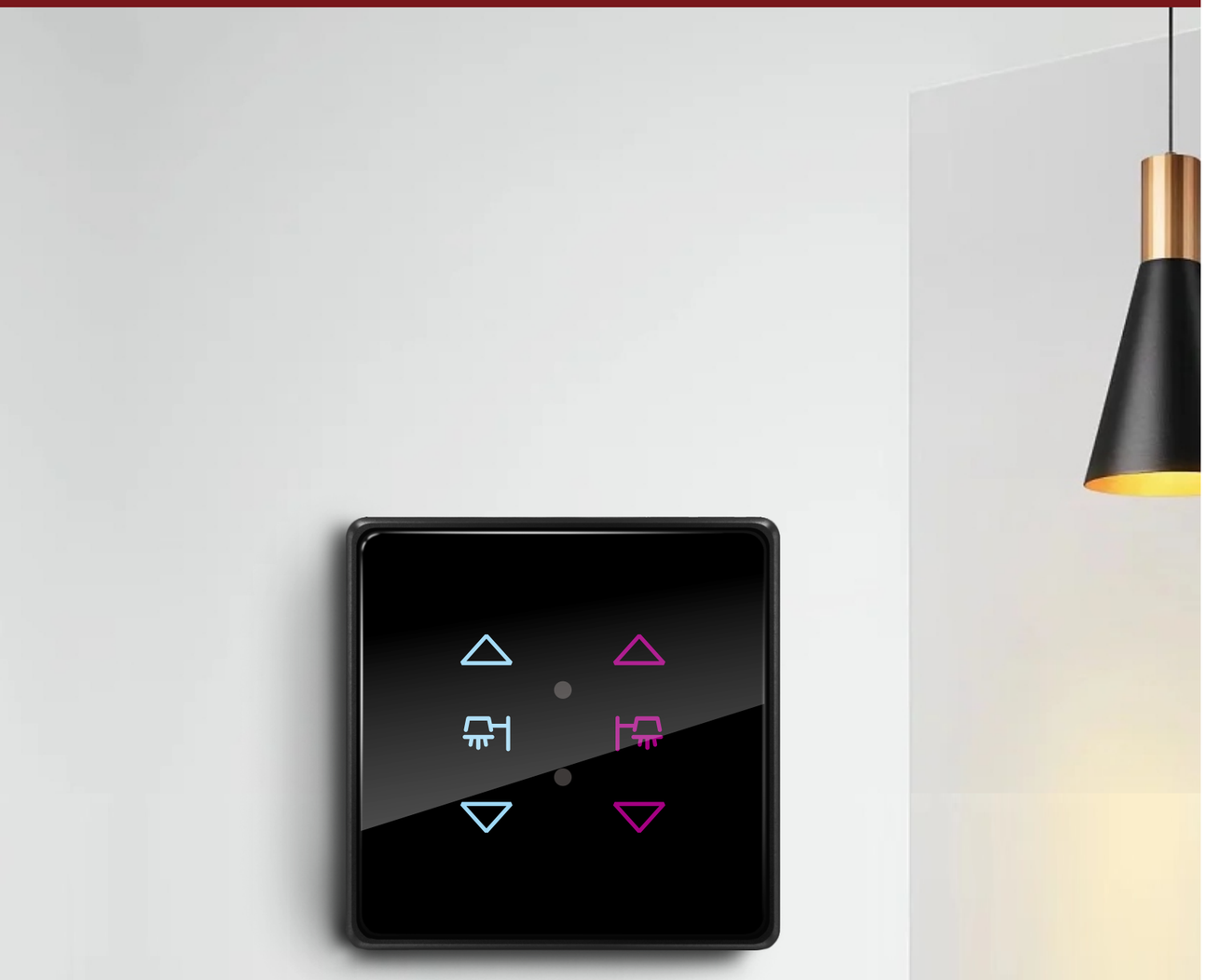
86mmx172mm



86mmx258mm



LIGHT CONTROL-DIMMER





1 Gang Dimming



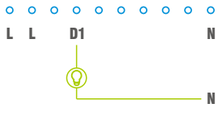
2 Gang Dimming

PARAMETER

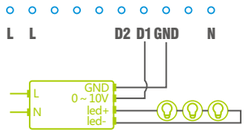
Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, acrylic, glass, etc.
Communication	CAN-BUS/ZIGBEE

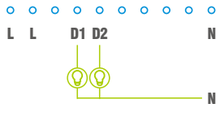
WIRING



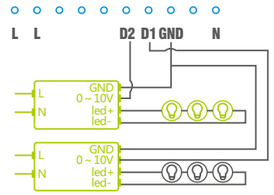
One way dimming wiring diagram



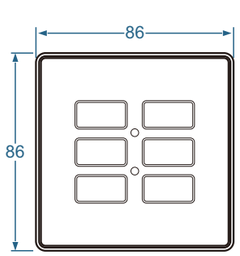
One way 0-10 dimming wiring diagram

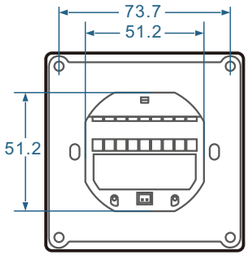


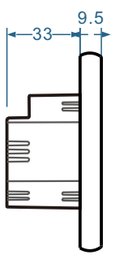
Tow way dimming wiring diagram

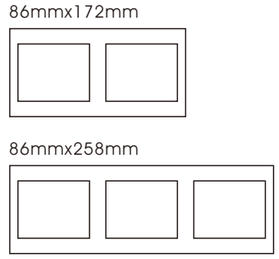


Tow way 0-10 dimming wiring diagram









CURTAIN CONTROL

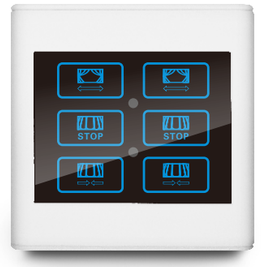


CURTAIN CONTROL





One way switch
Control one layer of curtains



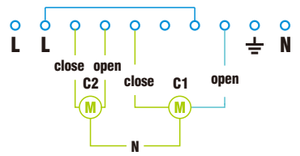
Two way switch
Control two layer of curtains

PARAMETER

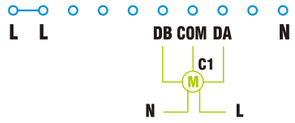
Voltage Range	50/60Hz 110~240V AC
Service Life	Touch 100 thousand times.
Temperature	-10℃~60℃
Humidity	50℃ 10~95% RH
Max Current	5A

Size	86×86×43(mm)
Working Voltage	220V
Material	PC, acrylic, etc.
Communication	CAN-BUS/ZIGBEE

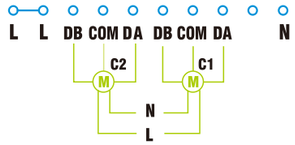
WIRING



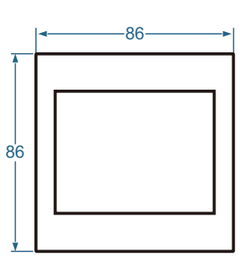
General wiring diagram

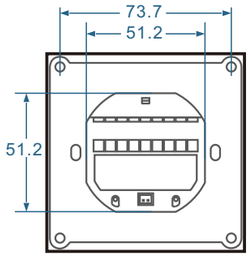


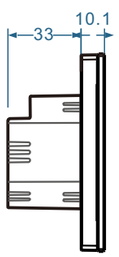
One way dry contact
wiring diagram



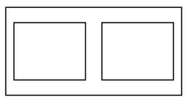
Two way dry contact
wiring diagram



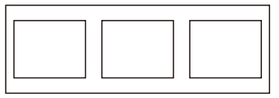




86mmx172mm



86mmx258mm



AC CONTROL





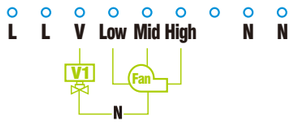




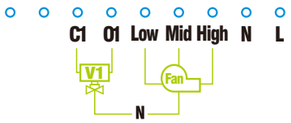




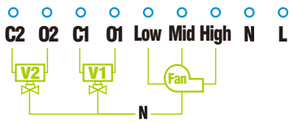
WIRING



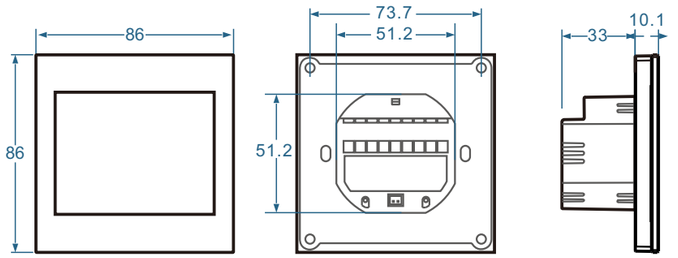
General wiring diagram



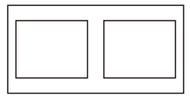
2P
wiring diagram



4P
wiring diagram



86mmx172mm



86mmx258mm

