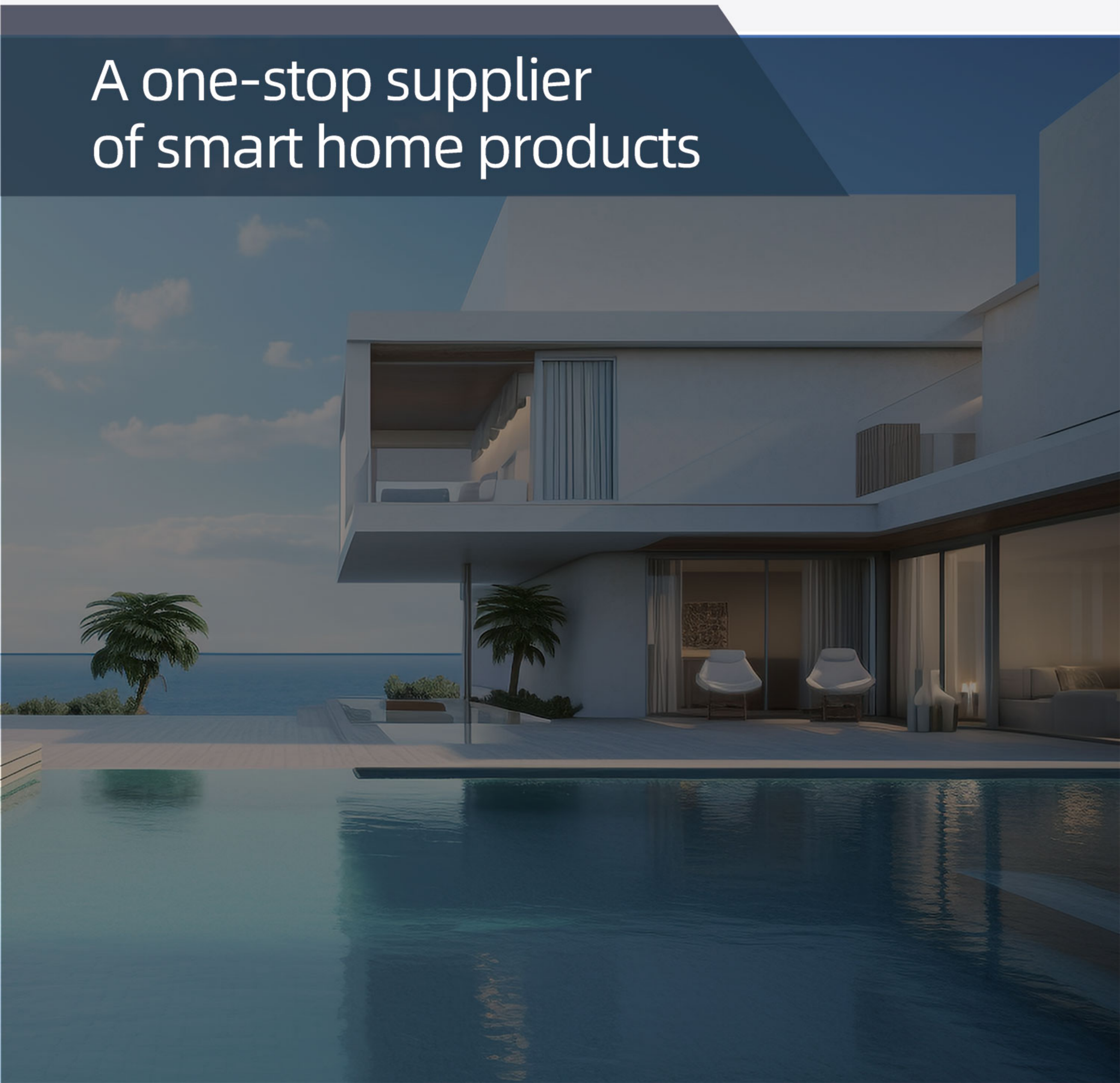


TIAN LAI

SMART HOME SYSTEM

A one-stop supplier  
of smart home products





# Smart Home Control Panel

## Tuya IOT platform with built-in Zigbee module



Network Protocols and Smart Platforms  
Smart Device Protocol: Zigbee





TL-MAX8 Tuya Smart Control Panel



TL-MAX10 Tuya Smart Control Panel

- Hardware: 8-inch high-definition display screen, 2+16GB memory, 4-core CPU,
- Equipped with 3 built-in infrared emitters, it can control infrared devices in the home, such as air conditioning
- Equipped with physical buttons, customizable buttons for screen interaction
- Supports external Bluetooth speaker and background music speaker output, with an output power of 2 \* 30W
- Alexa Assistant: Can check weather, play games, music, control TUYA smart devices, etc
- Integrated Zigbee and Bluetooth gateway functions, supporting Bluetooth BLE and BLE network sub devices,

parameter

Color: Black

Size: 87mm \* 87mm \* 12.5mm

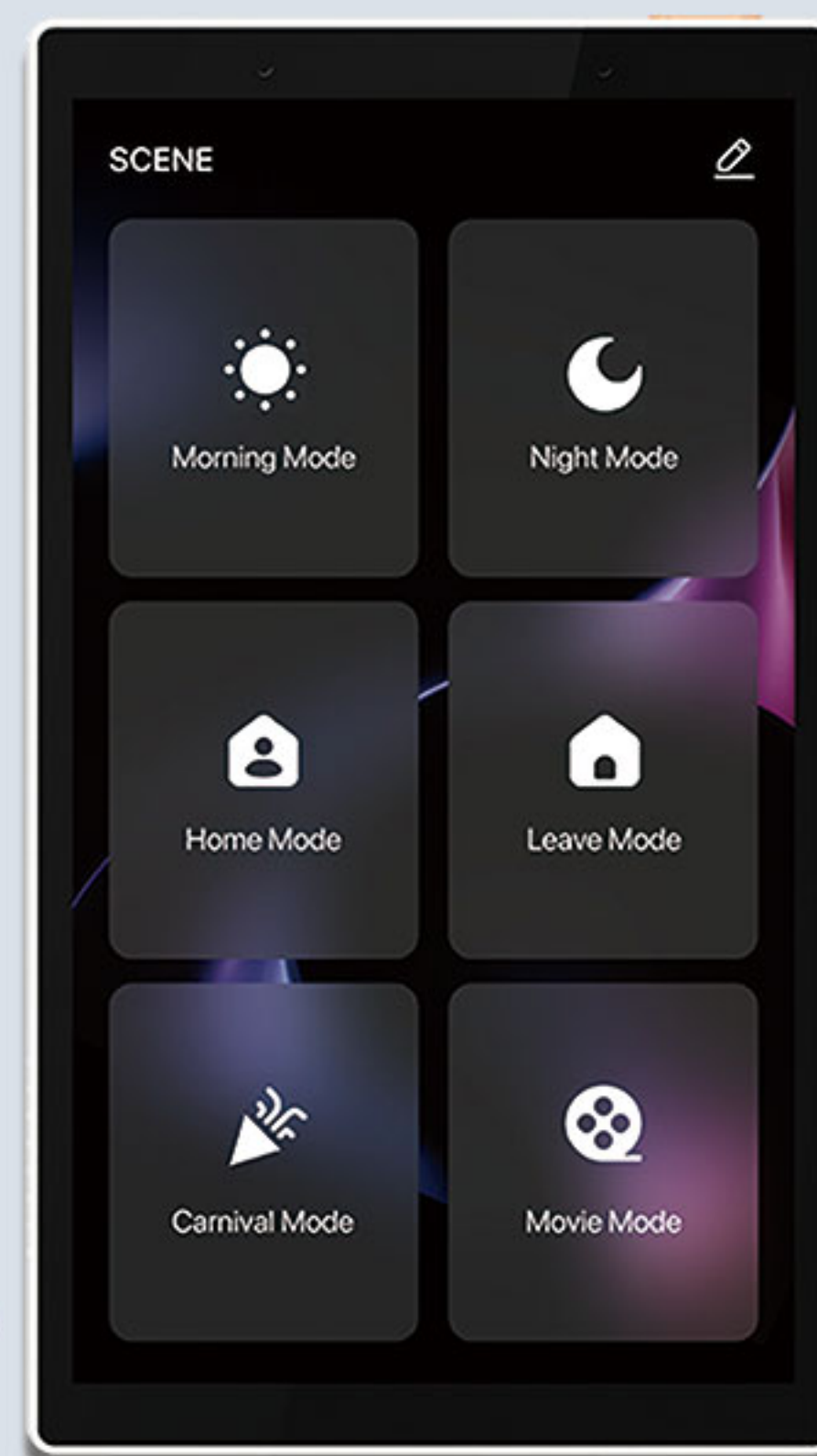
Display: 4 inch IPS LCD display

CPU: Xtensa-LX7 dual core 240MHz

Operating System: RTOS

Network: TUYA Zigbee

Built-in Amazon Alexa voice control



- Alexa voice control, Put Amazon Alexa on your walls and enjoy the convenience,
- 4-inch smart home central control screen,
- built-in TUYA gateway, 4 sets of relay switches, can connect to 4 sets of lighting fixtures with a load of less than 200W,
- can control TUYA smart home lighting switch, dimming and color adjustment, scene control, temperature control, curtains and other equipment, with audio and video call function of smart doorbell



Model: TL-86A  
Screen size: 4 inch screen  
IOT platform: Tuya IOT

Dimension: 86\*86\*10.5mm  
Cutout: 78\*78\*50mm  
Voltage: AC110-250V

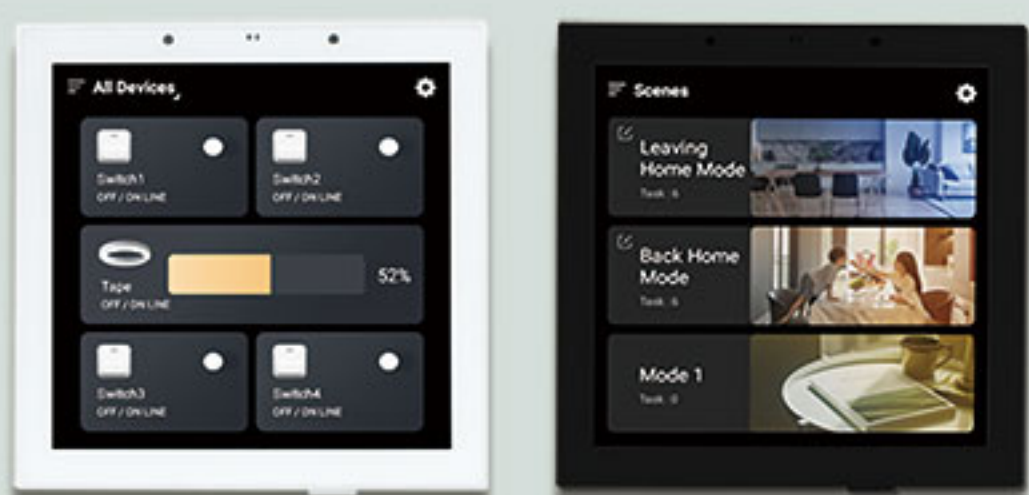
- Alexa assistant, capable of voice playing music, controlling devices, and more.
- Built in Zigbee gateway, compatible with over 410000 Tuya Eco products
- Search and add Zigbee devices on the screen without the need for an application
- Delete scenes through the screen without using mobile applications.
- Support infrared control to control TV/set-top box/air/DVD, etc
- Supports multiple language settings
- Support visual doorbell





TL-c10-7plus 7 inch display screen

- Supports Bluetooth, TF card, AUX input, DLNA, ARIPLAY playback
- Support Tuya and Smart Life Apk application
- Android system, You can download any APP in Google play store,
- TUYA Zigbee, can control TUYA smart home products after successful binding
- Dual audio source with two zone and eight channel output, with two independent volume zone

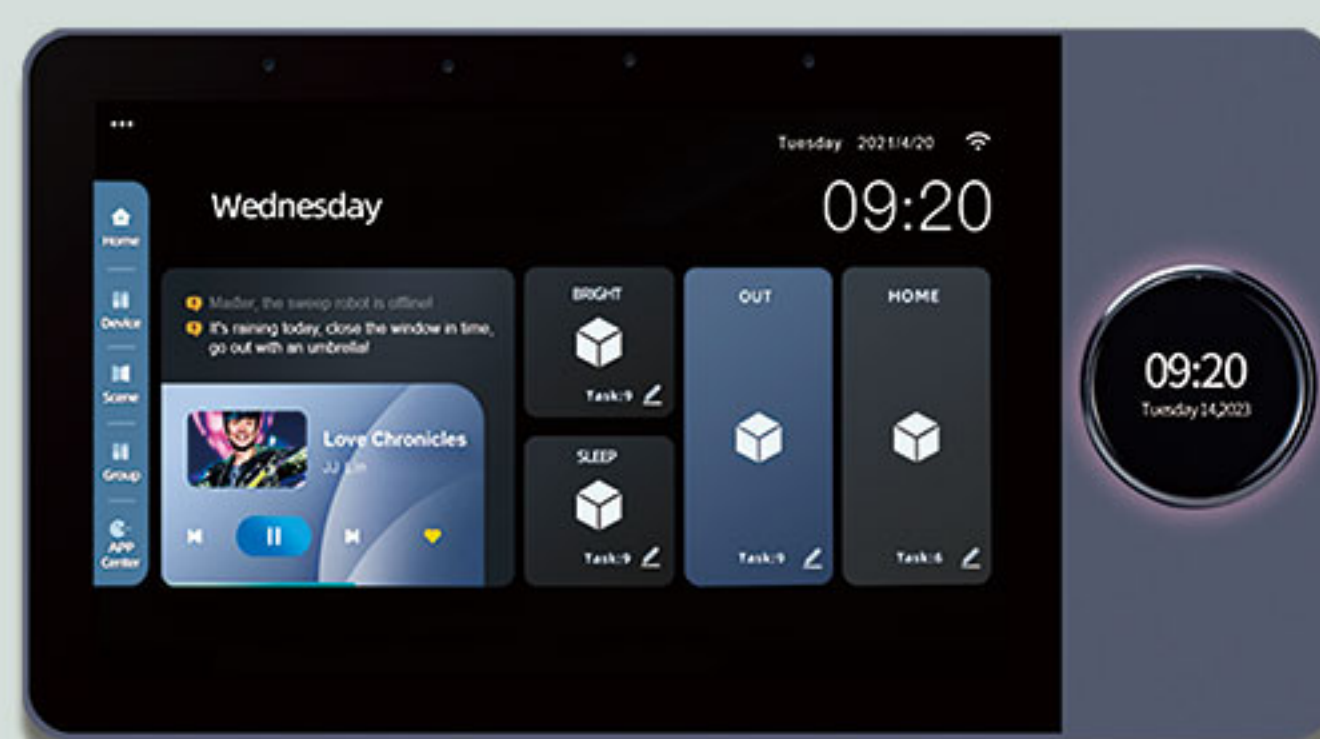


TL-86W-4 inch display screen

- 4in display screen, 4-core CPU, 1+8GB memory, power output 2 \* 30W,
- Supports Bluetooth, TF card, AUX input, DLNA, ARIPLAY playback
- Support Tuya and Smart Life Apk application
- Android system, You can download any APP in Google play store,
- TUYA Zigbee, can control TUYA smart home products after successful binding
- Support control air conditioning, dimming, curtain, music system, and other intelligent devices



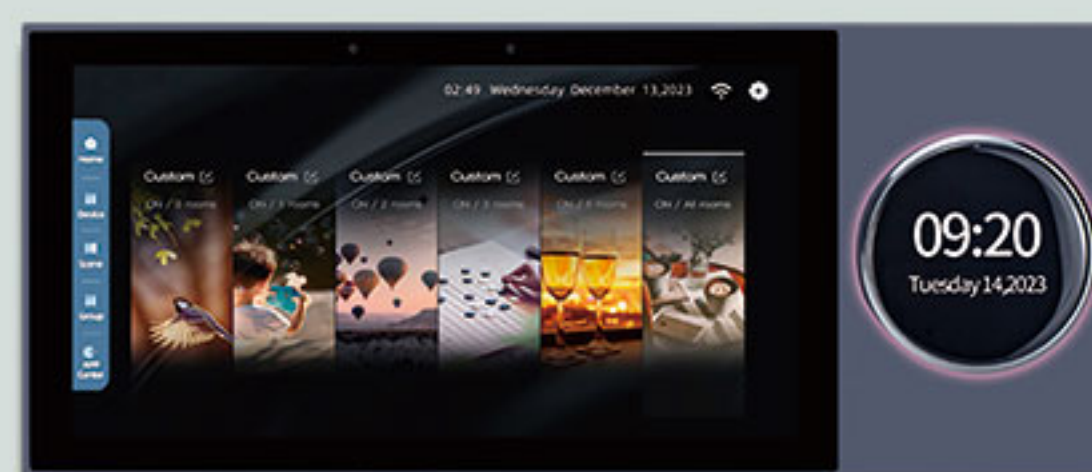
TL-10-10 inch display screen



TL-8-8 inch display screen



TL-12-12 inch display screen



TL-6-6 inch display screen

- 6\7\8\10\12in display screen, 4-core CPU, 2+8GB memory,
- power output 6\7inch 2\*30w, 8\10\12inch 4 \* 30W,
- Supports remote control by your phone
- TF card, U disk, AUX in, audio out, bass output
- Customizable relay control for lighting, supporting up to 200W per channel,
- Cgateway, can control TUYA smart home products after successful binding
- Bidirectional control of external Bluetooth music devices, with the ability to set Bluetooth on and off
- Equipped with physical knobs, it can adjust air conditioning, curtains, lighting, dimming and color adjustment, etc.





- 1.8-inch 240 \* 240 resolution display screen, with clear and visible brightness and color temperature parameters
- Independent knob design, rotating the knob to adjust light brightness and color temperature, easy to operate
- Smart home connectivity, compatibility with Tuya ecosystem devices, configuration files, device automation, remote application control.
- Customize linked scenes for quick switching between scene mode and lighting mode.
- Aluminum alloy panel, anodized process, fine surface texture, knob aluminum alloy embossing process, showcasing high-end temperament
- Colorful panels provide you with more choices, and in large quantities, you can customize panel colors
- In concealed wall structures, the installation method is simple,



Product Model:X3

Shell Material:ABS+PC

frequency band:2.4G

Local switch:Supports local 2-way switch,forlighting line use, such as living room light, etc.

Screen Size:1.8 inch 240\*240

Input Voltage:AC 100V-250V

Product Size:86\*86\*58.5mm

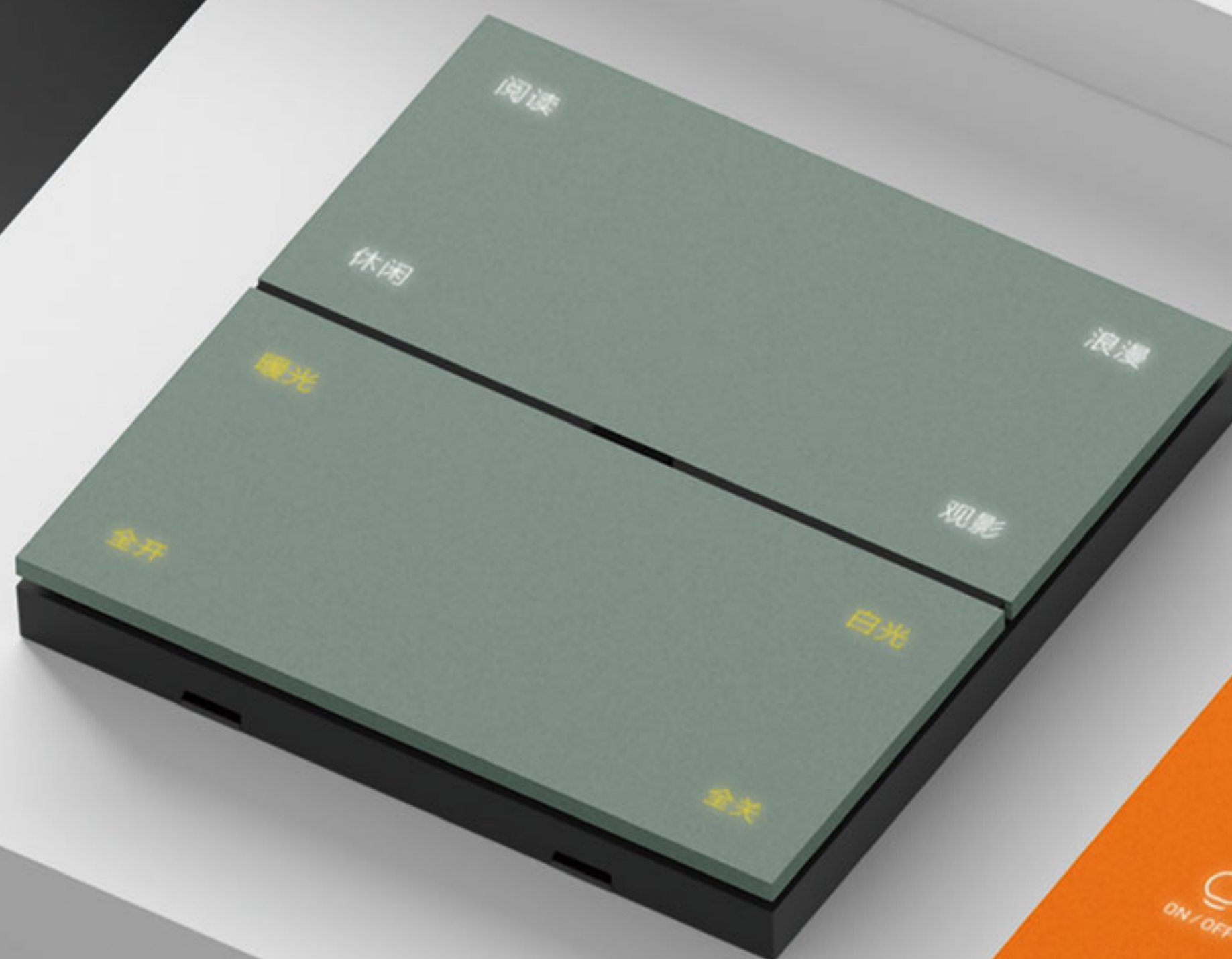
Relay:2gangs; single channel<=500W

Zigbee:802.15.4 PHY/MAC Zigbee

Depth to wall:28.6mm

- 1.8-inch 240 \* 240 resolution display screen, with clear and visible brightness and color temperature parameters
- In concealed wall structures, the installation method is simple,
- Independent knob design, adjusting brightness and color temperature by rotating the knob.
- Smart home connectivity, compatibility with graffiti ecosystem devices, configuration files, device automation, remote application control.
- Customize linked scenes for quick switching between scene mode and lighting mode.
- Supports local bidirectional switches and can be used for room lighting circuits, such as living room lights and bookshelf lights (500W or lower per circuit),









## Pursuing the simplicity that people need

Redefine the product,  
The relationship between family and people

TIANLAI design philosophy is to abandon tedious details, maintain product appearance form, the external form is more concise. ; but in fact, we are more concerned with simplicity of operation. TIANLAI transmits with limited information the most intuitive and instinctive functions, in a clear context in the complex, let people intuitively pay attention to important information, and you can use our products' subconsciously to eliminate the strangeness of technology and make smart homes simpler and more friendly. This is the ultimate design goal of heaven.



# M12 series smart panel

Screen Display .Customization Panel Text



Network Protocols and Smart Platforms  
Smart Device Protocol: Zigbee



Foreseeable design  
completely solving industry pain points such as  
traditional panels without display and difficulty in  
changing smart panel names





1 gang switch



2 gang switch



3 gang switch



4 gang switch



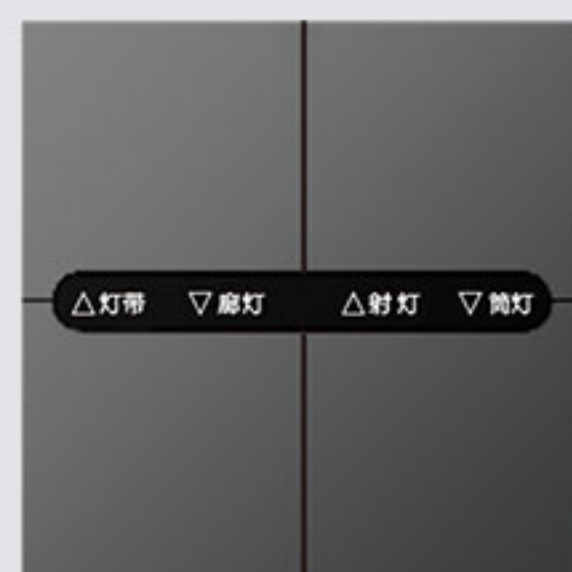
1 gang switch



2 gang switch



3 gang switch



4 gang switch



1 gang switch



2 gang switch



3 gang switch



4 gang switch

## Timeless fashion trends

The smart switch is no longer a simple switch tool.  
It has also been endowed with more fashionable attributes  
and has become a symbol of the owner's quality of life,  
so those products with high value are more likely to impress people.

### Product parameters

Product Name: M12 IoT Smart Switch

Product specification: 86X86mm

Load power: Relay 16A

Wiring method:L+N,with neutral line

Input voltage: 110-250V~50/60Hz

Surface process:PC spray paint

Communication protocol :WIFI/Zigbee/Bluetooth Mesh/2.4G

Control methods: single control, dual control, mutual control, multi control, scenario, APP, intelligent speaker

Intelligent voice: Paired with an intelligent speaker, it can voice control the entire house lighting



# M9 series smart panel

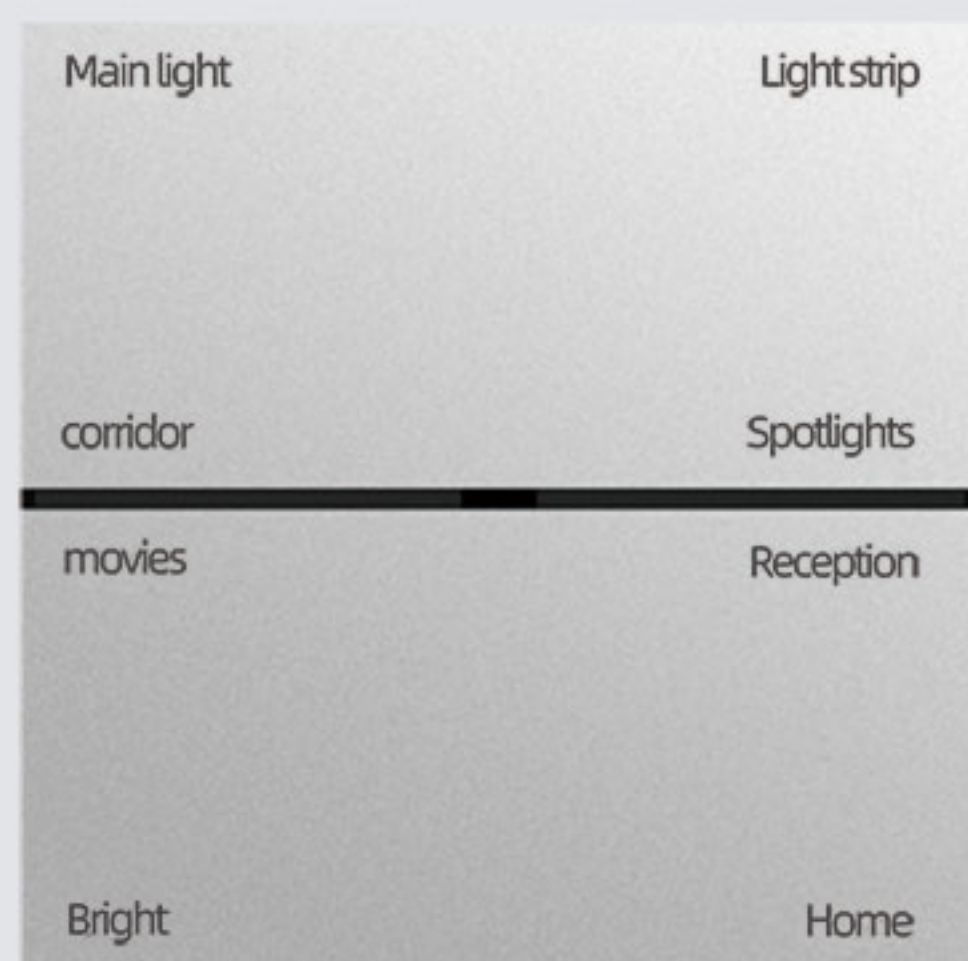


Network Protocols and Smart Platforms  
Smart Device Protocol: Zigbee



Remote control | Voice control | Intelligent timing | Human body induction | Sharing control | Intelligent linkage





### Product features

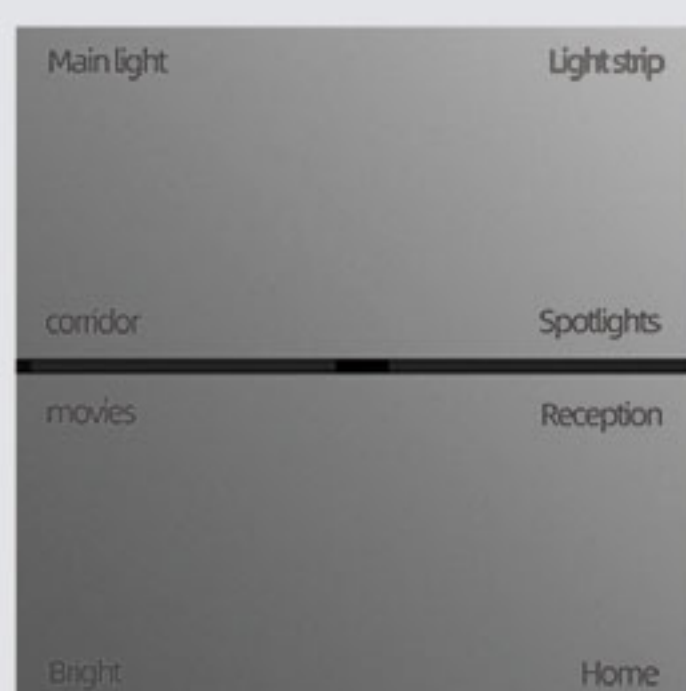
Intelligent/non intelligent lighting fixtures can be operated through switches, remote control, and timing. It can be synchronized through apps, voice, and other methods. Customizable button functions.

Load power: Relay 5A  
Surface process: Aluminum  
Product specification: 86X86mm  
Wiring method: L+N, with neutral line  
Input voltage: 110-250V~50/60Hz  
Control methods: Capacitive touch, APP, smart speaker  
Communication protocol: WIFI/Zigbee/Bluetooth Mesh  
Intelligent voice: Paired with an intelligent speaker, it can voice control the entire house lighting

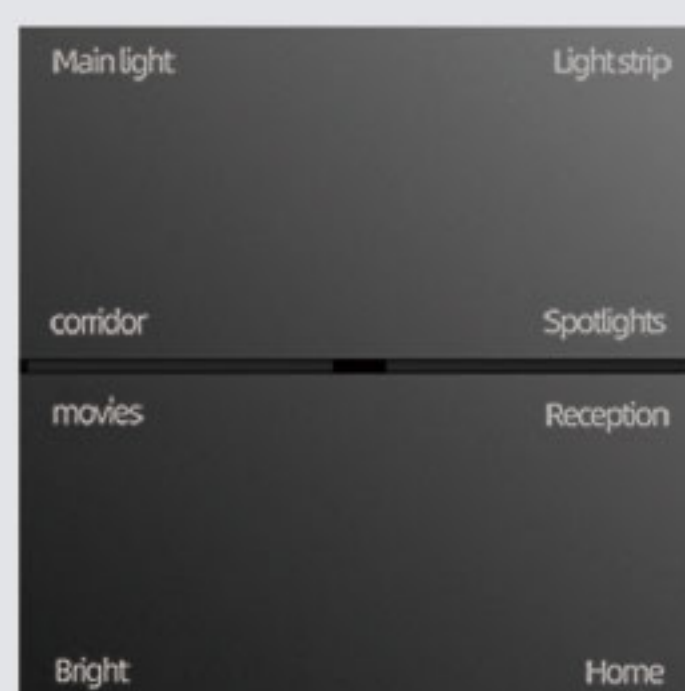
### Color options



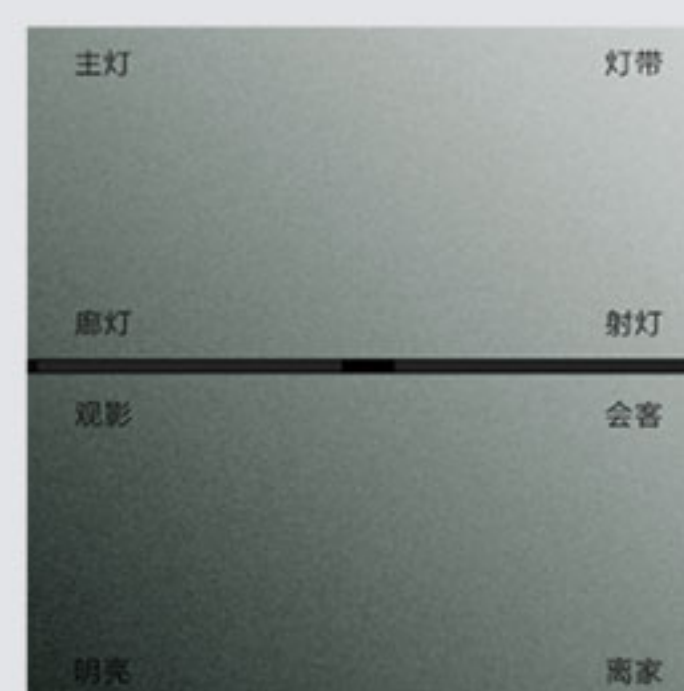
Silver



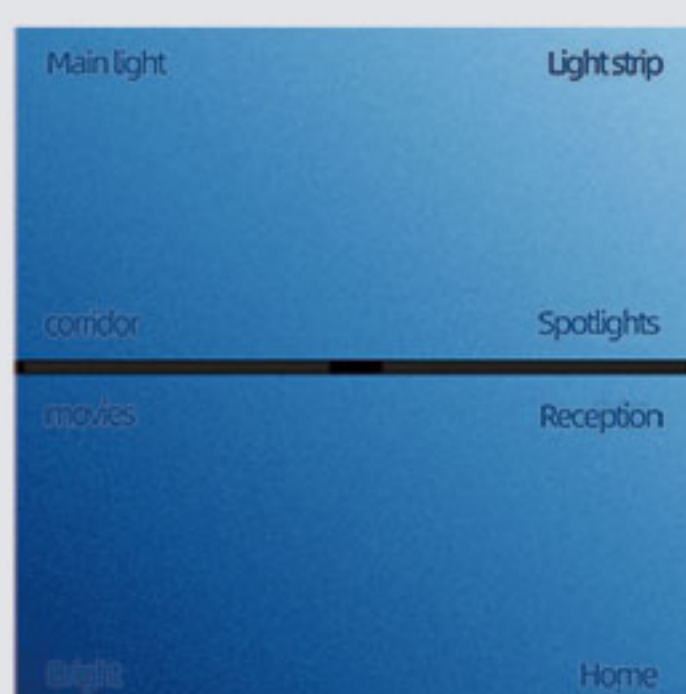
Grey



Black



Dark green



Blue



Red



Gold



Orange

### Automatic sensing, simulating realistic tactile sensation

150CM detects the human body and the panel indicator light lights up. Using Apple's second control board for virtual vibration feedback.

### Industry leading metal transparent technology

The panel indicator light can be clearly displayed through the metal and adopts cutting-edge metal microporous transparency technology.



# M9 series Intelligent control panel



Network Protocols and Smart Platforms  
Smart Device Protocol: WIFI/Zigbee/Bluetooth Mesh



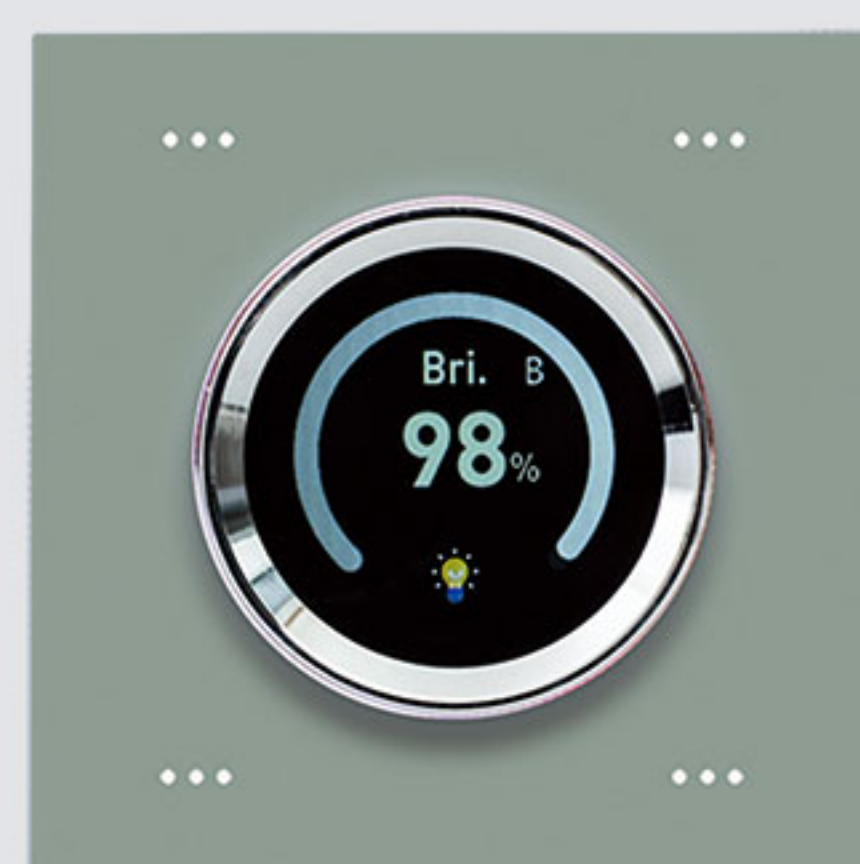




Central control panel



Temperature control panel



Color/Dimming control panel

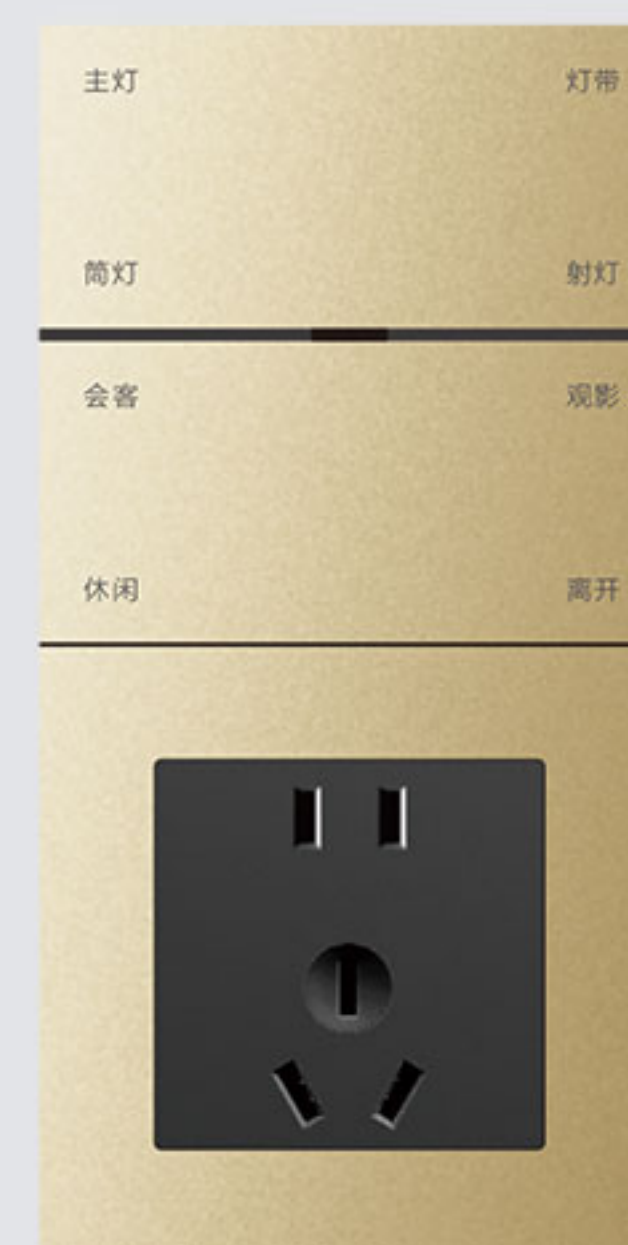
Product specification: 86X86mm  
Load power: Relay 5A  
Surface process: Aluminum  
Intelligent voice: Paired with an intelligent speaker, it can voice control the entire house lighting and link intelligent devices

Input voltage: 110-250V~50/60Hz  
Communication protocol :WIFI/Zigbee/Bluetooth Mesh  
Control methods: Capacitive touch, APP, smart speaker

### Horizontal combination



### Vertical combination







## M8 series smart panel



Network Protocols and Smart Platforms  
Smart Device Protocol: Zigbee



Remote control | Voice control | Intelligent timing | Human body induction | Sharing control | Intelligent linkage





### Product features

Intelligent/non intelligent lighting fixtures can be operated through switches, remote control, and timing. It can be synchronized through apps, voice, and other methods. Customizable button functions.

Load power: Relay 5A

Surface process: Aluminum

Product specification: 86X86mm

Wiring method: L+N, with neutral line

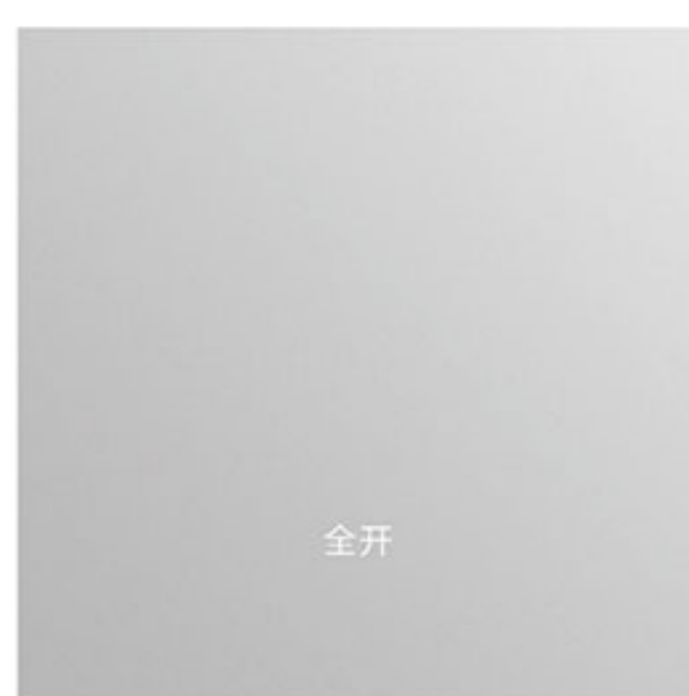
Input voltage: 110-250V~50/60Hz

Control methods: Capacitive touch, APP, smart speaker

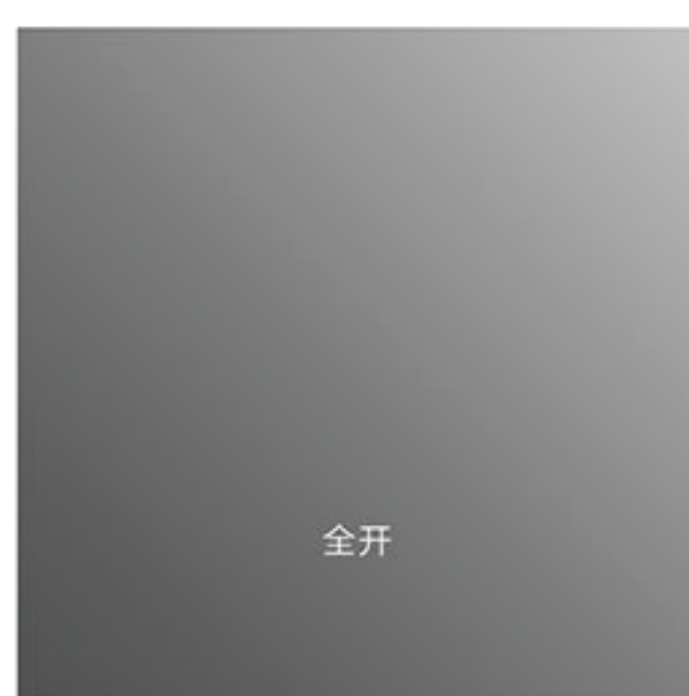
Communication protocol: WIFI/Zigbee/Bluetooth Mesh

Intelligent voice: Paired with an intelligent speaker, it can voice control the entire house lighting and link intelligent devices

### Color options



Silver



Grey



Black



Dark green



Red



Blue



Gold



Orange



### Flexible combination, exquisite quality


Minimalist appearance, exquisite design craftsmanship, suitable for multiple living scenarios, harmoniously integrated with the environment, complementing each other





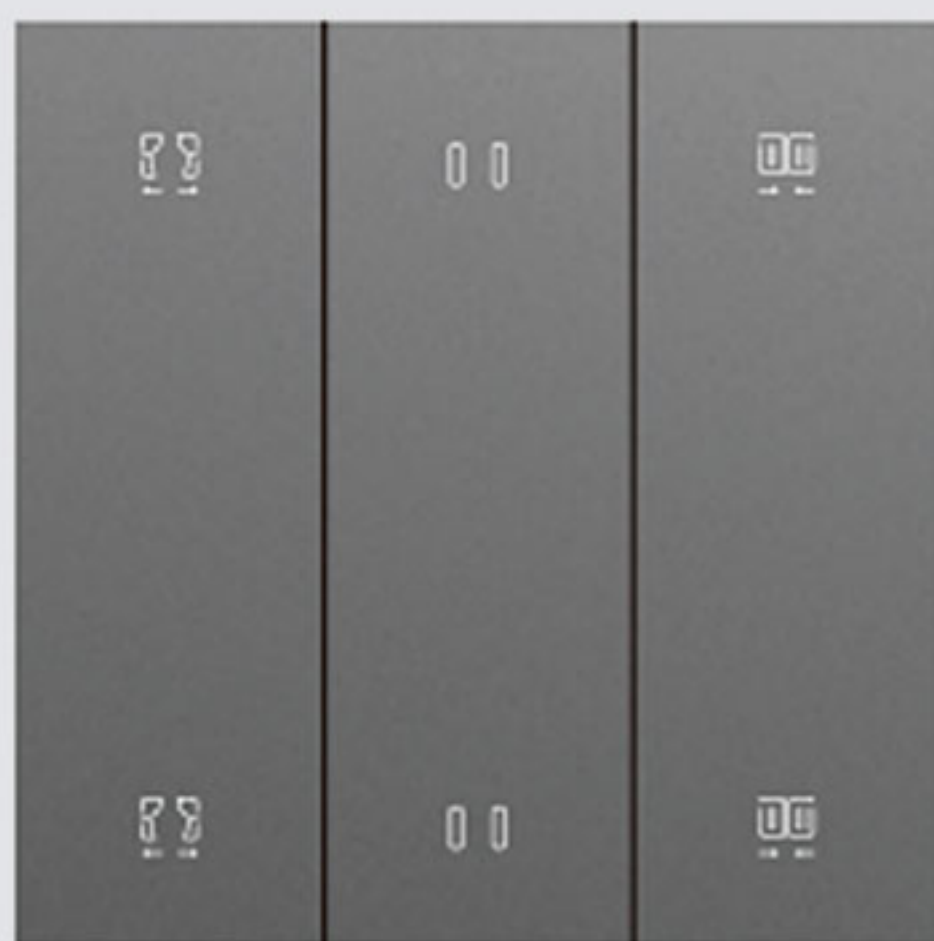
## M6 series smart panel

Network Protocols and Smart Platforms  
Smart Device Protocol: Zigbee

GOOGLE  Tuya  Xiaomi  Tmall Genie

Voice control | Intelligent timing | Human body induction | Sharing control | Intelligent linkage





### Product features

Intelligent/non intelligent lighting fixtures can be operated through switches, remote control, and timing. It can be synchronized through apps, voice, and other methods. Customizable button functions.

Load power: Relay 5A

Wiring method: L+N, with neutral line

Surface process: Aluminum/PC

Product specification: 86X86mm

Input voltage: 110-250V~50/60Hz

Control methods: Capacitive touch, APP, smart speaker

Communication protocol: WIFI/Zigbee/Bluetooth Mesh

Intelligent voice: Paired with an intelligent speaker, it can voice control the entire house lighting

### Color options Vertical buttons



Black

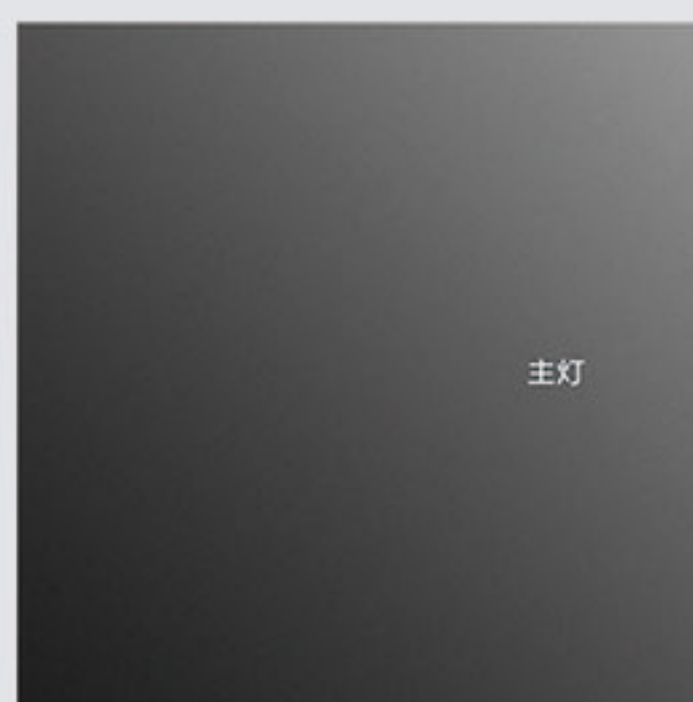


Grey



gold

### Horizontal buttons



Black



Grey



gold



Replacing traditional switches, showcasing intelligent advantages, setting personal lifestyle habits, allowing you to easily turn off lights remotely when going out, automatically turn on when returning home, and voice turn off lights before bedtime, lighting up a better life for you.





System: RTOS

Screen: 0.99 inches 80\*160 resolution

Lectricity supply: AC 90V-250V(50HZ)

Zigbee: 802.15.4 PHY/MAC Zigbee network protocol

RS485: Half-duplex 3.81MM interface terminal

Support local 4-way switch, used for room lighting wiring use, such as living room lights, , etc.

- Millimeter wave induction radar, human proximity switch on screen, leaving delay off
- Lntelligent screen display, real-time and accurate display of time, temperature, weather
- Modify the name of each switch on the mobile end and synchronize it on the switch
- 4-way composite switch, which can be set through a mobile phone. Is the button used as a switch or a scene switch
- Aluminum alloy panel, anodized treatment, display screen, showcasing technology and fashion



System: Melis

Screen: 3.5 inches

Power supply: AC90-250V

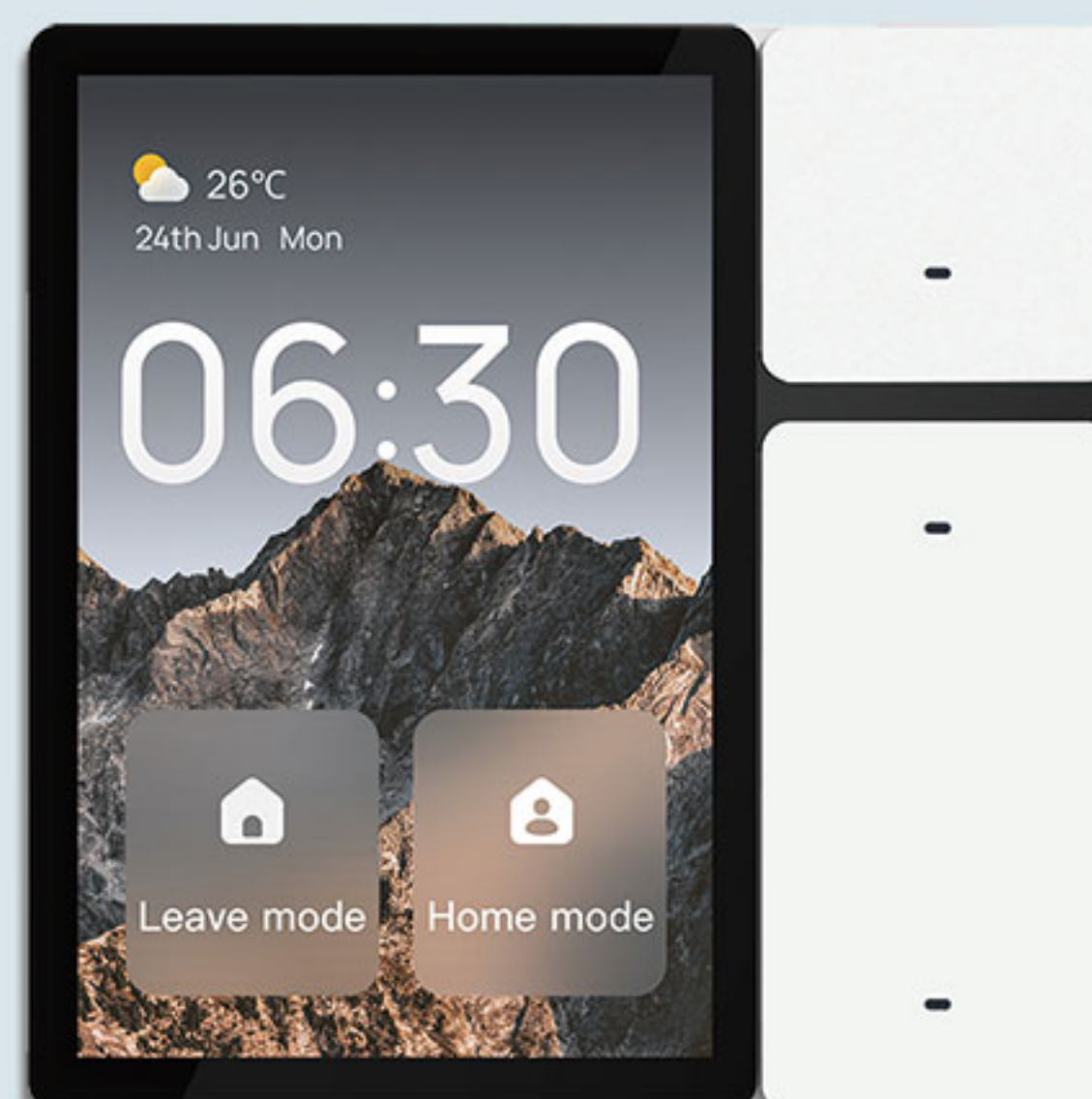
Relay: 4-channel, single channel less than 500W

Zigbee: 802.15.4 PHY/MAC/Zigbee network protocol

RS485: Full duplex 3.5mm terminal block (reserved)

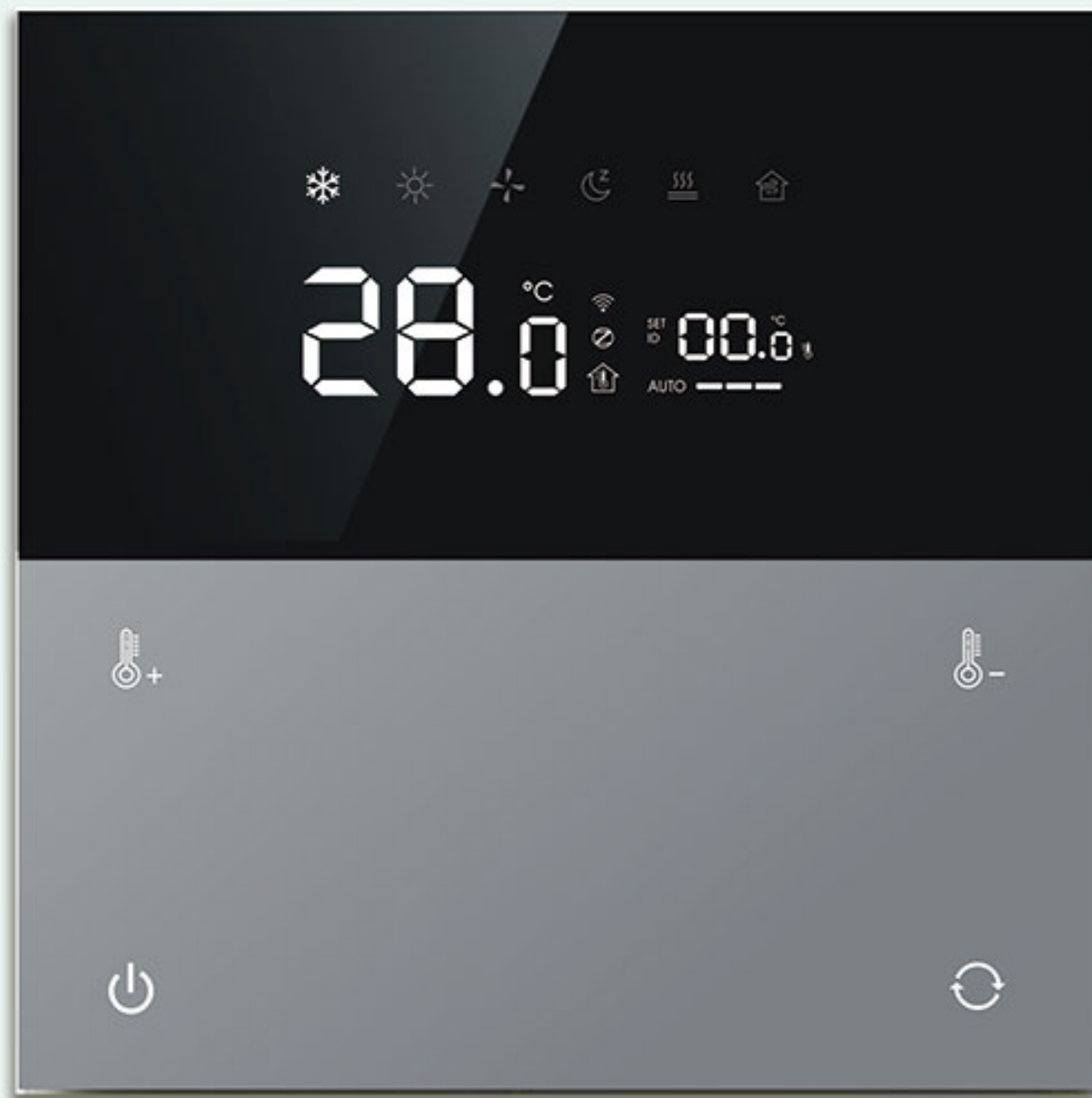
- 3.5-inch LCD display, 320 \* 480 resolution.
- Relay:Single channel  $\leq 4 \times 500W$
- Power input : AC 100V-250V(50HZ)
- 4-way composite switch, ordinary switch scene switch any switch.
- App to modify the switch or scene name, automatically synchronized to the switch LCD display.
- Time calendar, weather information screensaver function.
- Millimeter wave human body sensing radar.
- Support power on and off.
- support zigbee wireless connection.

- Screen: 3.5-inch intelligent central control screen
- Three independent relays that can control three local lighting fixtures
- SIG MESH gateway: Integrated Bluetooth Sig mesh network.
- Built in infrared emitter: can control various infrared devices.
- Physical buttons: equipped with three physical buttons for quick switching
- Screen unlocking: Direct control of smart locks through the screen
- Colorful panels provide you with more choices, and in large quantities,

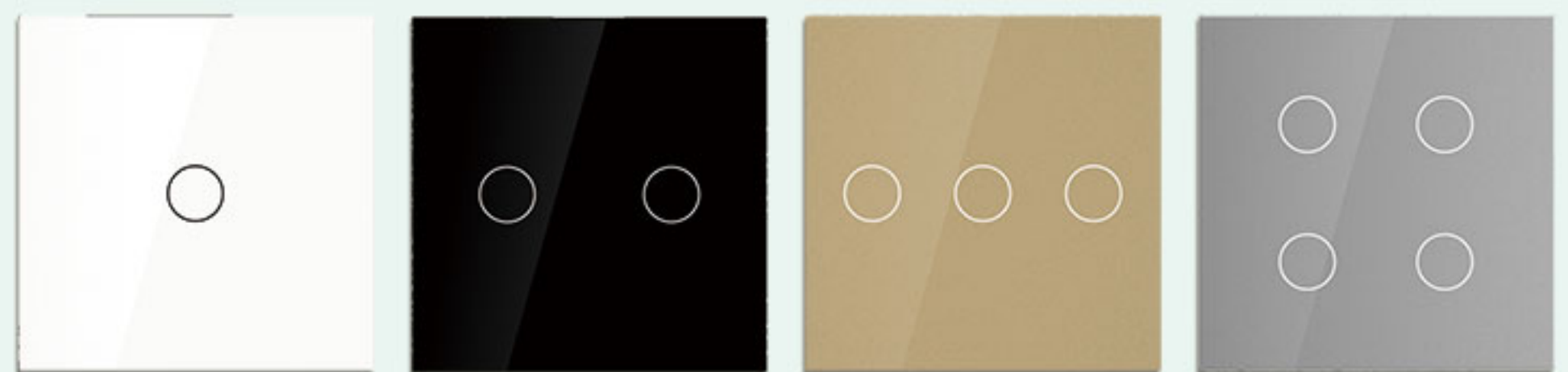
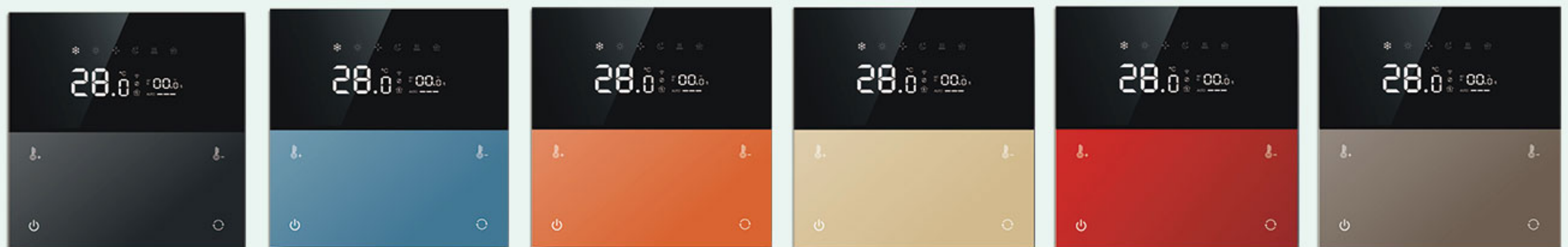


Remote control

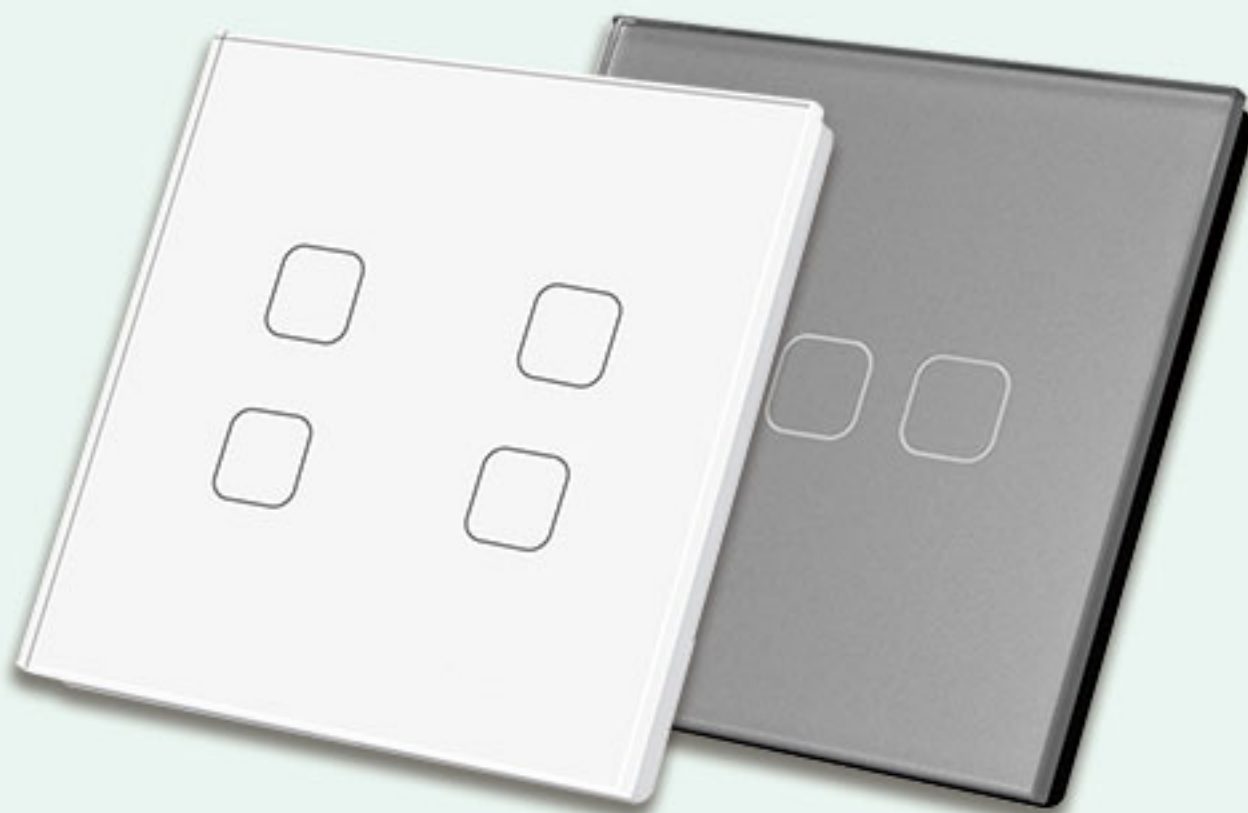




- Networking Method : MESH
- Communication Protocol : Zigbee Protocol/458
- Communication Frequency: 2.4G
- Static Power Consumption : <0.5W
- Mobile APP Remote Control : Supported
- Button Surface Material : Alumina Material
- Backlight : Orange - yellow when off
- Product Dimensions : H35.8x86x86 mm
- Applicable Voltage : AC220V 50Hz
- Switch Indicator Light : White when on
- Controlled Devices : Air Conditioners/Floor Heating/Fresh Air Systems
- Product Colors : Black/Gold/Gray/Blue/Red/Orange/Brown



· EU UK US AU Standard



- EU ZIGBEE TOUCH SWITCH
- Model SK-Z801-01-EU SK-Z802-01-EU SK-Z803-01-EU SK-Z804-01-UK
- Control Gang 1gang 1way 2gang 1way 3gang 1way 4gang 1way
- Rated Voltage AC110V/AC220V
- Rated Power 1000W 2000W 2000W 2000W
- Rated Frequency 50Hz/60Hz
- Power Supply Null & Live Line (RELAY)
- Support System Zigbee Coordinate
- WiFi Model Zigbee 2.4GHz
- WiFi Standard IEEE802.15.4
- Panel Material: Crystal Glass Panel, PC Bottom Shell
- Size 86\*86mm
- Certificate CE,ROHS,FCC



Google Home



Tuya



Amazon Alexa



Smart life



Google Play



APP Store



Used in conjunction with PC material intelligent switches



16A three-hole  
socket



Two or three pole  
socket



Two or three pole  
socket with dual  
USB



Multifunctional  
five-hole socket



Two two three  
pole socket



16A three pole  
socket with switch



Two or three pole  
socket with switch



Multifunctional  
socket with switch



13A socket with  
switch



German socket



telephone socket  
RJ45 socket



2 way phone  
2 way RJ45 socket



Telephone  
RJ45 socket



Inductive foot lamp



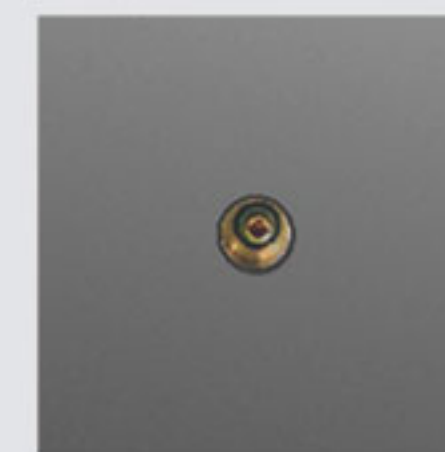
French socket



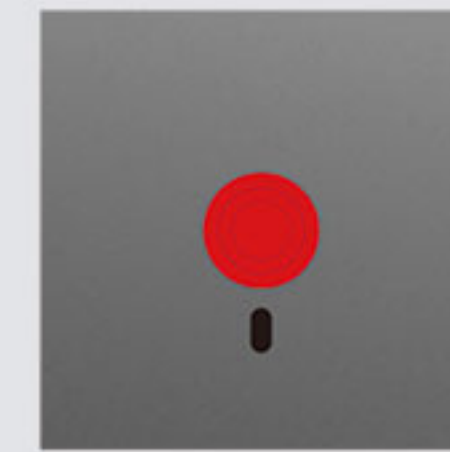
Shaving socket



Insert card to  
power on



TV socket



Emergency call  
panel



Dimming and  
speed control  
knob panel



2 conjoined frame



3 conjoined frame



Used in conjunction with intelligent switches made of aluminum alloy materials



16A three-hole socket



Two or three pole socket



Two or three pole socket with dual USB



Multifunctional five-hole socket



Two two three pole socket



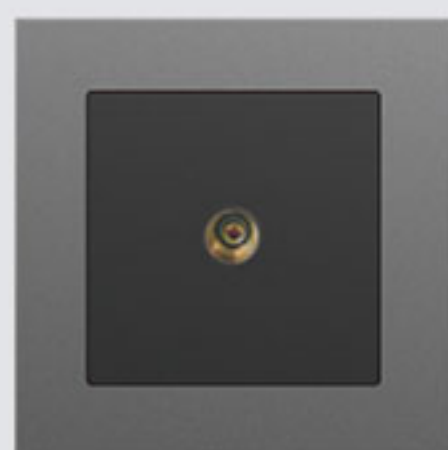
16A three pole socket with switch



Two or three pole socket with switch



Dimming and speed control knob panel



TV socket



telephone socket RJ45 socket



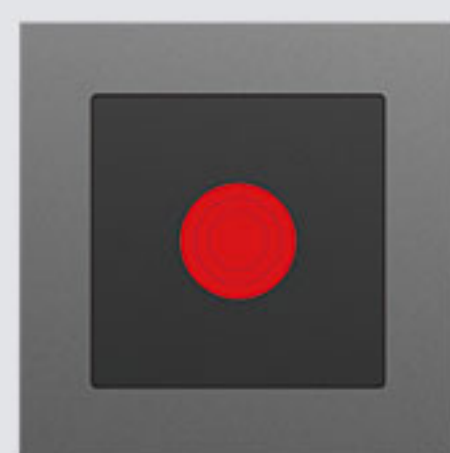
2 way phone 2 way RJ45 socket



Telephone RJ45 socket



Insert card to power on



Emergency call panel



Inductive foot lamp



Shaving socket



Blank panel

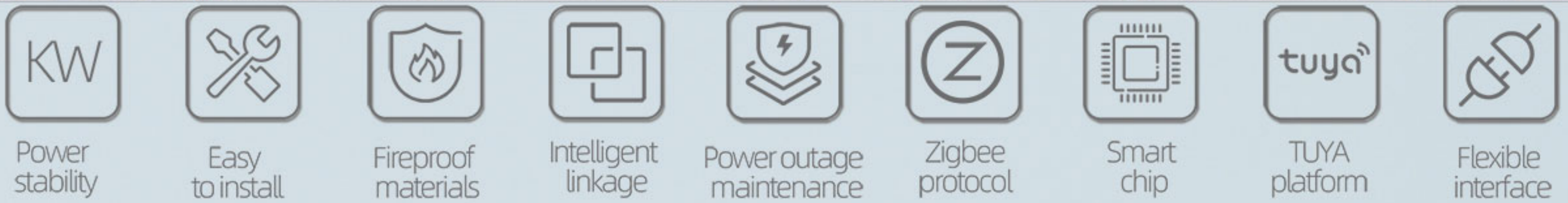
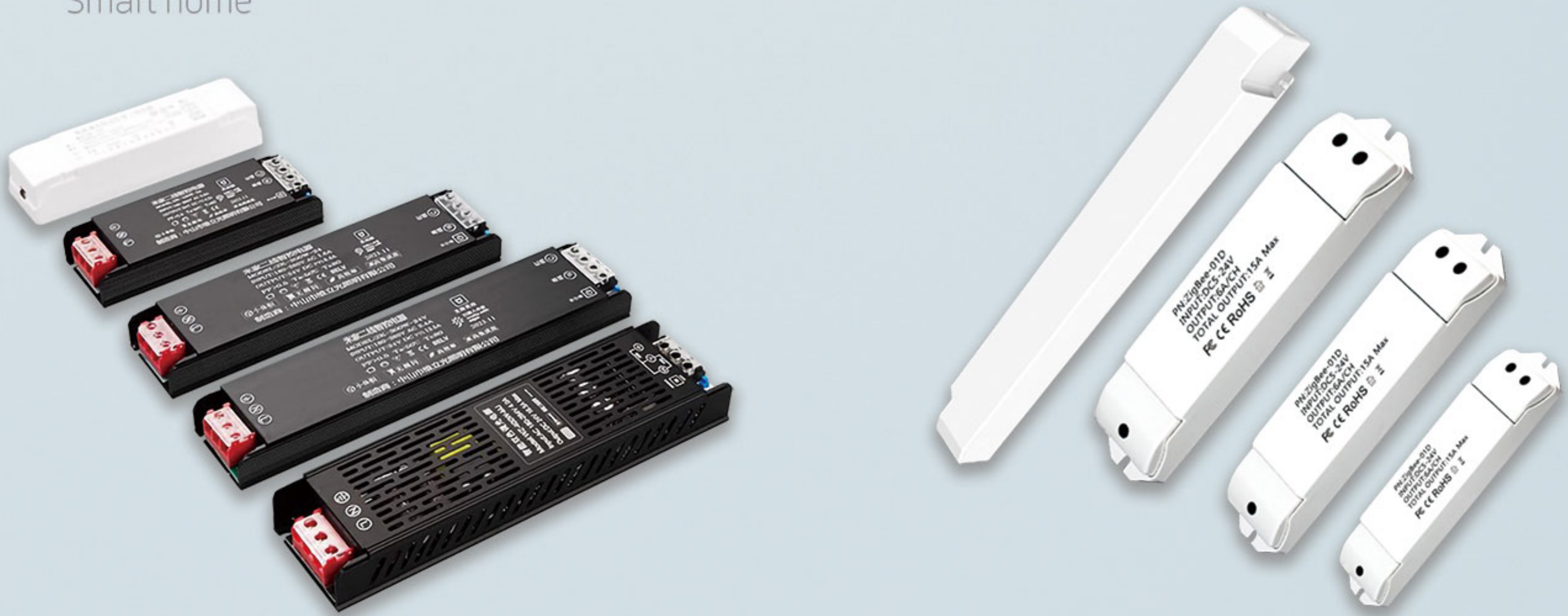


4 conjoined frame



5 conjoined frame





## TUYA Intelligent LED Dimming and Color Adjusting Adapter

Waterproof level: IP20

Output voltage: 12V, 24V, 48V

Applicable scope: light strips, light boxes, modules, light strips

Protection modes: open circuit protection, short circuit protection, overload protection, overcurrent protection, high temperature protection

Application scenarios: various scenarios such as wardrobes, living rooms, cabinets, exhibition cabinets, etc



## TUYA Intelligent Lighting

Waterproof level: IP20

Color rendering index: (Ra) ≥ 90

Product series: Concealed, exposed, magnetic ceiling, linear lights, tube lights, light strips, and other products

Color temperature: 3000K, 4000K, 6000K, 2700-6500K dimming and color adjustment

Application scenarios: various scenarios such as stores, living rooms, exhibition halls, display cabinets, etc



# Intelligent fingerprint lock

TIAN LAI  
Smart home



The new product has facial recognition function, which can be linked with TUYA intelligent products and automatically linked to the home scene after opening the door. FPC semiconductor, metal lock body, virtual password, monitoring alarm, lock prying alarm and other functions to create a safe home for you



Wi-Fi Smart Home Camera  
R Distance: 8m  
Works with TuyaSmart or Smart Life  
Support scan QR code add  
Day/Night, IR distance: 5m  
Motion Detection, Moving-Tracking  
2-way audio communication  
Support TF-card Storage, Max: 128GB, Support Cloud Storage  
Support Mobile Remote View & Control  
Wide Viewing Angle, Horizontal 355 Degree, Vertical 70 Degree  
Power: DC5V 1A



It's both a visual doorbell and security monitoring  
Two-way Talk  
IR Distance: 7m  
PIR motion detection  
Work with Smartphone App  
Support 128g TF Card  
Support Cloud Storage  
Tamper Alarm  
Support Mobile Remote View & Control  
Work with Alexa/Google Assistant(Optional)  
Power: 5200mAh Battery or DC 5V1A or AC8-24V



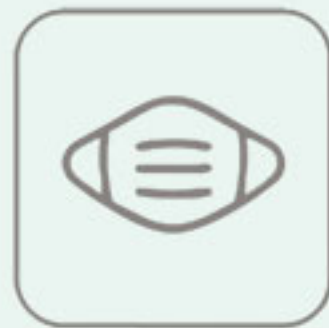


- Display: 5/810 inch IPS LCD
- Camera: 2M pixels Color and Infared
- Video codec: H.264/H.265
- Input: Capacitive touch
- Wi-Fi/4G: Optional
- IP Level: IP65
- RS485 Port: Support
- Relay Out: 1
- RF Card Reader:13.56Mhz IC Card
- NFC: Support
- Installation: Wall-mounted
- Operating system: Linux
- Echo Cancellation
- Facial IDs default 2000, up to 20000
- Access cards: default 2000, up to 20000
- Power: DC12V/1A

### Standard Features:



Facial Recognition



Face Mask Recognition



Smart Lock Linkage



Video Intercom



2-Way Intercom



Call Administration



Smart Greete



Smart Noise Gancellation



Auto Light ON Control



Customizable Contacts



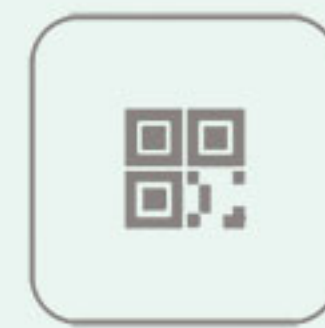
PIN Code Unlock



WLAN



IC Card Unlock



QR Code Unlock



Access Records



Tuya IOT



- Screen: 5/8 inch TCP/IP Intercom system
- Function: Calling, intercom, unlocking, monitoring
- Material: aluminium alloy frosted panel + touch screen
- Camera: Digital camera, stable and clear image shooting
- Night vision: Night vision and bright light compensation function
- system: Android system ,ARM CPU, TUYA App
- connection: RJ45 standard ethernet interface all-digital design
- Dimension:331\*152\*10(mm)
- Install method : Wall/flush install (320\*143\*48 mm)
- Display: Image/video advertising playback
- Door opening: IC/ID card/ password/ face recognition/ phone
- Color:silver / golden



Facial Recognition



PIN Code Unlock



Unlock your phone



IC Card Unlock



Call Administration



Video Intercom



Auto Light ON Control



Smart Lock Linkage



## Sensor series



Human red sensor



Door magnetic sensor



Emergency button



Temperature and humidity sensors



Smoke sensor



Water immersion sensor



Gas sensor



Sports PIR sensor



Sound and light alarm





## The handheld mobile central control Z1

not only supports controlling traditional infrared household appliances such as TVs and air conditioners, but also controls controlled devices such as switches, sockets, lighting fixtures, curtains, etc. in the graffiti ecosystem.

Product Name: Handheld Central Control Z1

Screen: 2.4-inch 320 \* 240 resolution

Wireless protocols: Wi Fi, IR, Bluetooth

Control method: physical buttons+touch screen

Product size: Body: 185mm \* 52mm \* 15.5mm Base:  $\phi$  84.2mm \* 28.8mm



## The TUYA Zigbee Microwave Human Presence Sensor , Wave Radar Infrared Human Body Motion Sensor Switch

Equipped with multiple human and brightness sensors, the unique algorithm can accurately identify the presence of human in the room, and combine the brightness of the environment to achieve fully automatic control of lighting equipment, providing a scene based and personalized fully automatic lighting control experience.

Sensing components: millimeter wave radar, infrared sensing, light sensing

Sensing range:  $\Phi$  5 meters, 360 degree angle (installation height 2.8 meters)

Light control: Equipped with a brightness sensor to achieve automatic dimming

Input voltage: 220V Appearance dimensions:  $\Phi$  80\*  $\Phi$  65 \* 45mm

The human presence sensor can also be used as an alarm



## TUYA Zigbee Gateway

The intelligent gateway is the control center of ZigBee devices, with a wide range of signals that can connect to a large number of intelligent devices. It can be designed and implemented in intelligent scenarios by adding ZigBee devices

Wireless link: zigbee Control software: TUYA

Power supply method: Micro USB DC5V Product size: 60\*60\*14.5mm



## TUYA smart curtain motor

Remote control of the machine, intelligent speaker voice control, manual/physically control after power outage

Power supply voltage: 100-240V

Control methods: voice control, mobile phone control

Rated torque: 1.2Nm Running speed: 14cm/s

Rated current: 0.15A Rated power: 13W



## TUYA Universal Infrared Remote Control

Traditional household appliances are instant smart devices that support infrared/radio frequency remote control, with 360 degree omnidirectional signal transmission and more stable and comprehensive signal coverage.

Remote control type: infrared/radio frequency household appliances

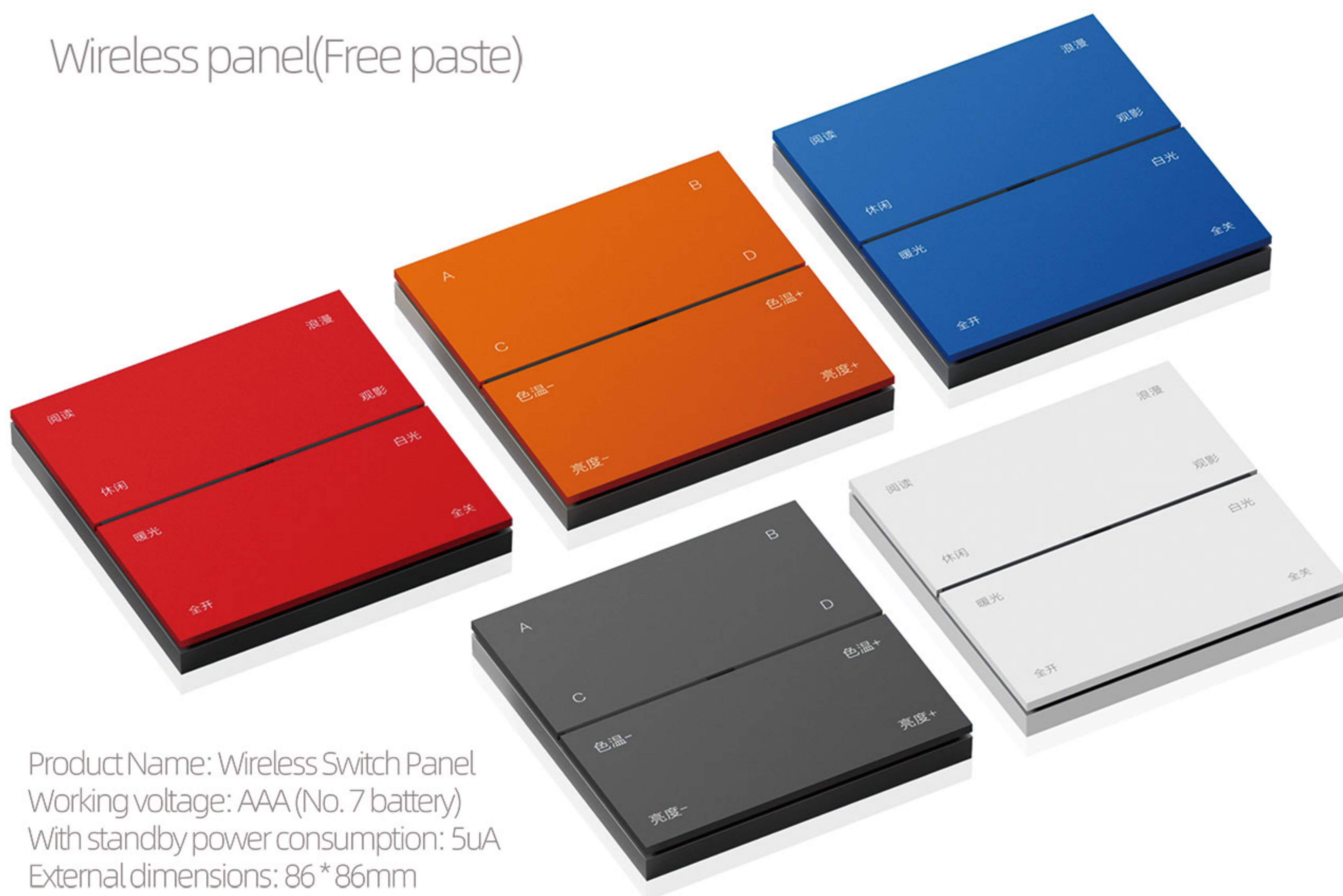
Remote control range: 8 meters with 360 degree coverage

Intelligent linkage: supports automation and scene mode

Voice support: Supports mainstream intelligent voice such as Amazon/Google



## Wireless panel(Free paste)



Product Name: Wireless Switch Panel  
Working voltage: AAA (No. 7 battery)  
With standby power consumption: 5uA  
External dimensions: 86 \* 86mm

Free to paste switch is an intelligent switch panel that does not require wiring and can be pasted on walls or furniture surfaces, The remote control that can be held in hand and can control intelligent scenes and other devices by linkage with just one click.



## Wireless knob dimming remote control

No wiring required, can be placed freely,  
TUYA Zigbee, 0~1000 stepless dimming, intelligent curtain control,  
can be controlled offline locally  
Integrating modern minimalist style and entering a comfortable urban atmosphere,  
opening up smart homes to make life simpler



# Take care of your family

The core of smart home should be "home" and "residence",  
caring for family members and the southern environment of the residence,  
providing customized care for family members, and setting up intelligent spaces



## Family. Customization

Smart butlers will carefully take care of the different living habits of their families and tailor their own smart home solutions to them



## Scenario. Intelligent switching

Having a rich and complete intelligent system for the entire house, every space in the home can be intelligently switched according to the setting of the scene



Instagram



Wechat



whatsapp



Website



Facebook

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