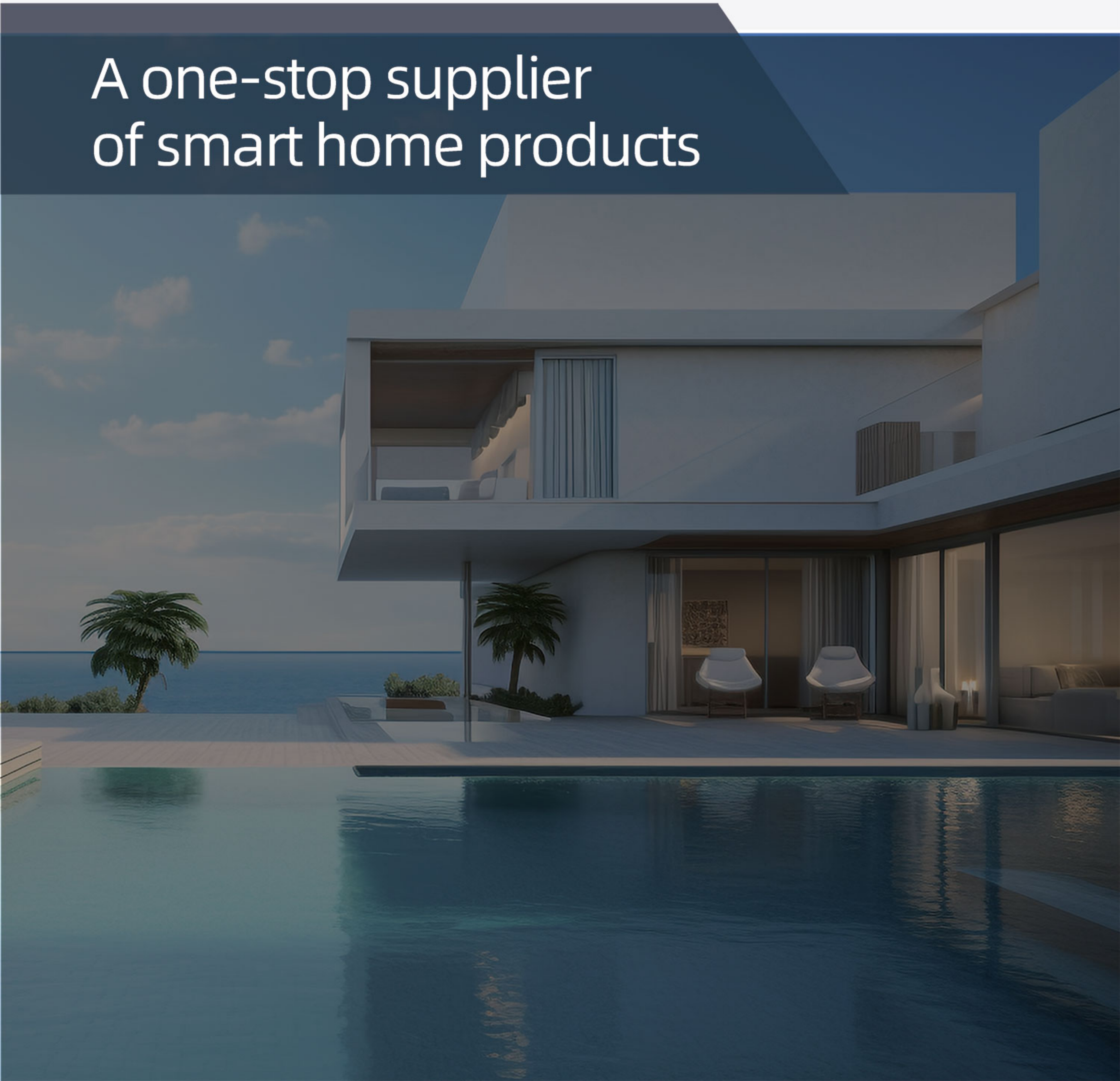
TIAN LAI

SMART HOME SYSTEM

A one-stop supplier of smart home products



TIAN LAI
Smart home

Smart Home Control Panel
Tuya IOT platform with built-in Zigbee module



Network Protocols and Smart Platforms

Smart Device Protocol:Zigbee

ALEXA GOOGLE Tuya Xiaomi Tmall Genie



TL-MAX8 Tuya Smart Control Panel

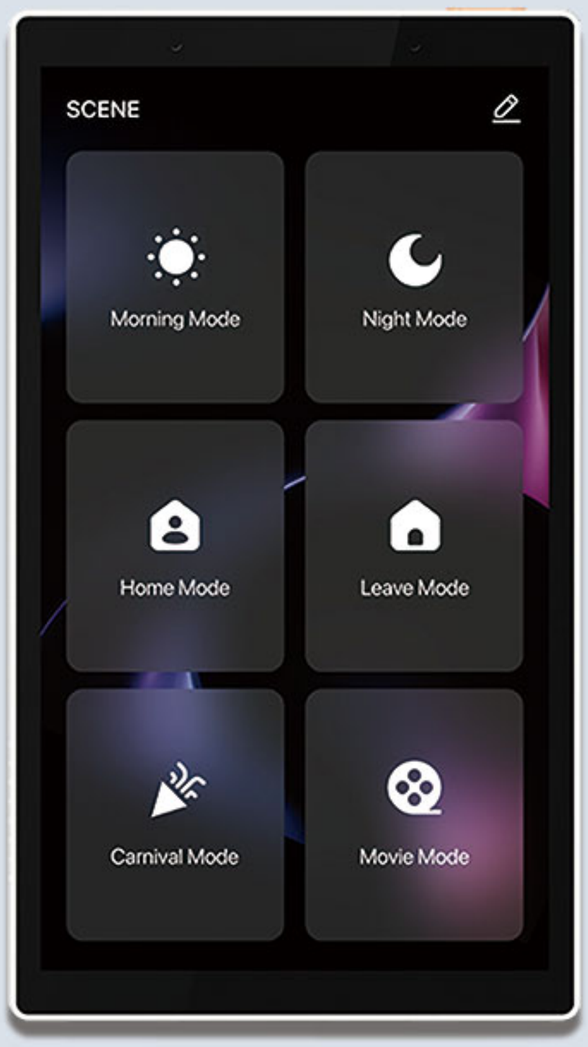


TL-MAX10 Tuya Smart Control Panel

· 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	Dimension：	86*86*10.5mm
Screen size：	4 inch screen	Cutout：	78*78*50mm
IOT platform：	Tuya IOT	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

TIAN LAI
Smart home



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\12inch4 * 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	Screen Size:1.8 inch 240*240	Relay:2gangs； single channel<=500W
Shell Material:ABS+PC	Input Voltage:AC 100V-250V	Zigbee:802.15.4 PHY/MAC Zigbee
frequency band:2.4G	Product Size:86*86*58.5mm	Depth to wall:28.6mm

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

· 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),


10:23
2023.2.15
18℃
玄关灯
客厅灯
浪漫
观影
白光
全关
阅读
休闲
暖光
全开
筒灯
ON / OFF



Pursuing the simplicity that people need

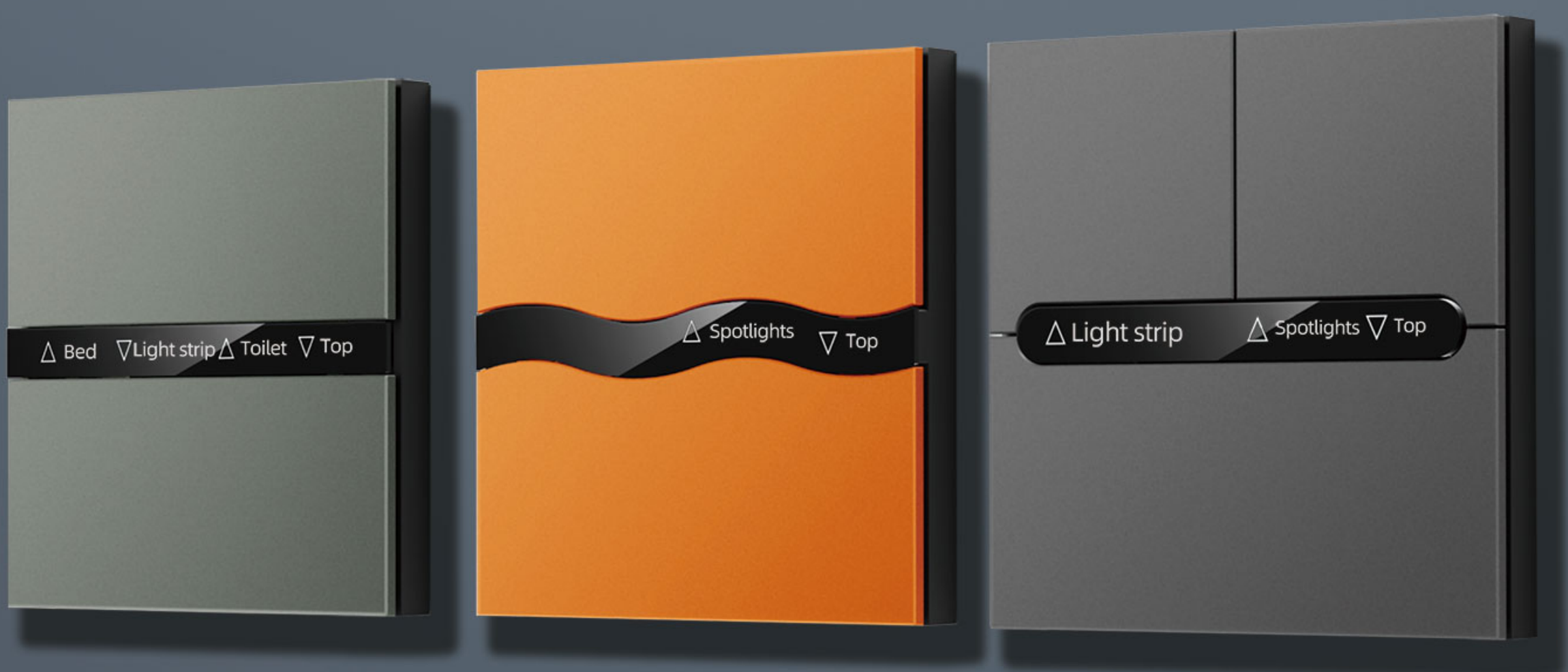
Redefine the product,
The relationship between family and people

TIANLAI design philosophy is to abandontedious details. maintain product appearance Form, the external form is more concise. ; but in fact, weMore concerned with simplicity of operation. TIANLAI transmits with limited informationThe most intuitive and instinctive functions, inKeep a clear context in the complex, let people intuitivelyPay 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.

TIAN LAI
Smart home

M12 series
smart panel

Screen Display .Customization Panel Text



Network Protocols and Smart Platforms

Smart Device Protocol:Zigbee

ALEXA GOOGLE tuya Tuya mijia Xiaomi Tmall Genie

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

TIAN LAI
Smart home

M9 series smart panel

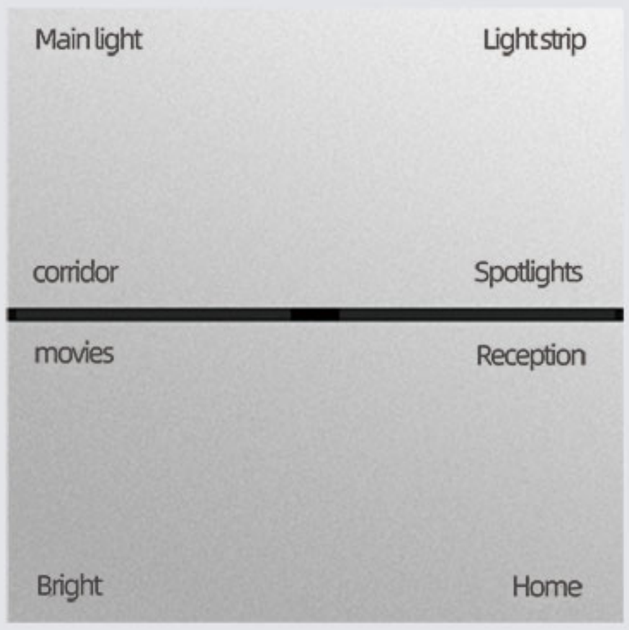


Network Protocols and Smart Platforms

Smart Device Protocol:Zigbee

ALEXA GOOGLE tuya Tuya mijia Xiaomi Tmall Genie

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



Product features

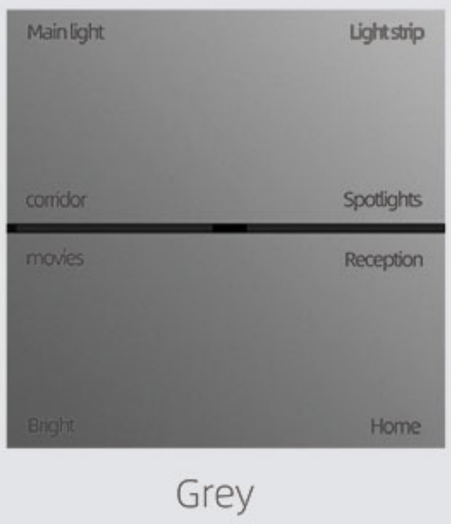
Intelligent/non intelligent lighting fixtures can be operated through switches, remote control, and timing.It can be synchronized through apps, voice, and other methods. Customizable button functions.

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



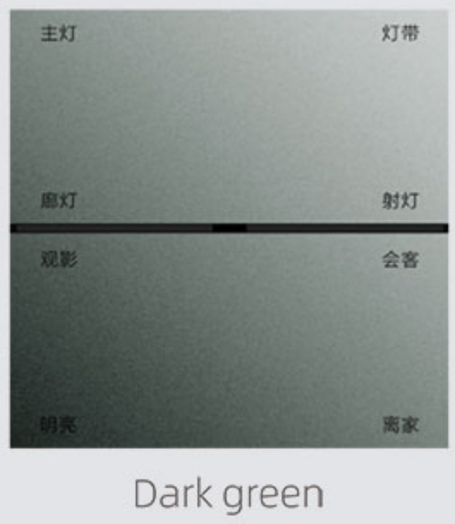
Silver



Grey



Black



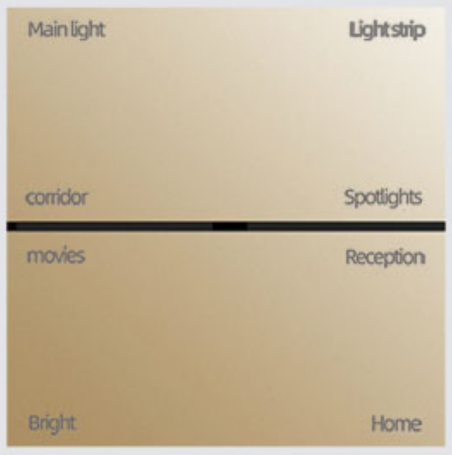
Dark green



Blue



Red



Gold



Orange

Automatic sensing, simulating realistic tactile sensation

150CM detects the human body and the panel indicator light lights upUsing 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

TIAN LAI
Smart home

M9 series
Intelligent control panel



Network Protocols and Smart Platforms

Smart Device Protocol:WIFI/Zigbee/Bluetooth Mesh

ALEXA GOOGLE Tuya Tmall Genie Xiaomi



Central control panel



Temperature control panel



Color/Dimming control panel

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

Horizontal combination









Vertical combination









TTAN LAI

Smart home



M8 series smart panel

Network Protocols and Smart Platforms

Smart Device Protocol:Zigbee

ALEXA GOOGLE Tuya Xiaomi Tmall Genie

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



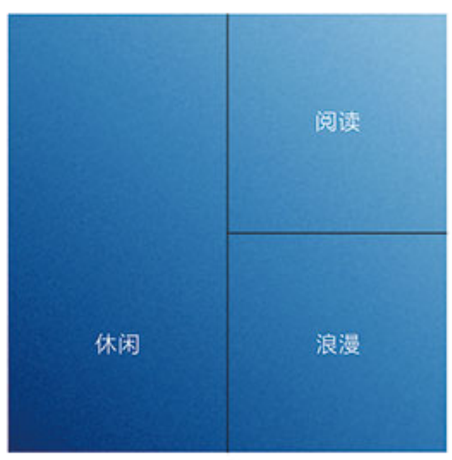
Black



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

TTAN LAI
Smart home



M6 series smart panel

Network Protocols and Smart Platforms

Smart Device Protocol:Zigbee

GOOGLE tuya Tuya mijia 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.

Smart home



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



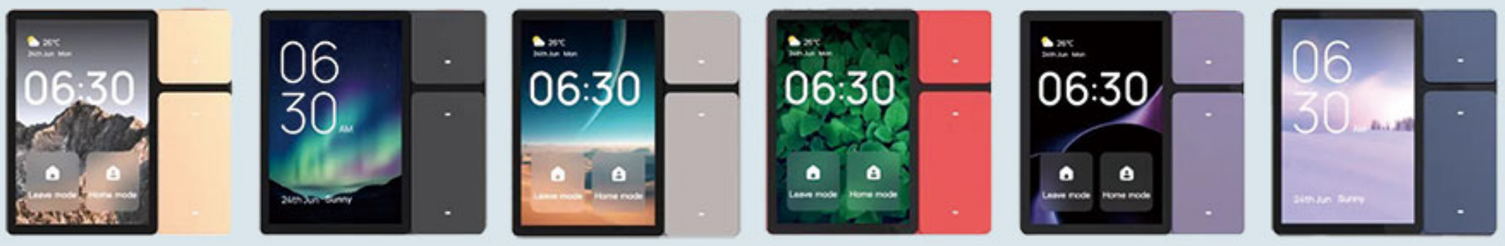


System: Melis Screen: 3.5 inches Power supply: AC90-250V
Relay: 4-channel, single channel less than 500W
Zigbee: 802.15.4 PHY/MAC/Zigbee network protocol
RS485: Full duplex 3.5mm terminal block (reserved)

· 3.5-inch LCD display, 320 * 480 resolution.
· Relay:Single channel ≦4*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,



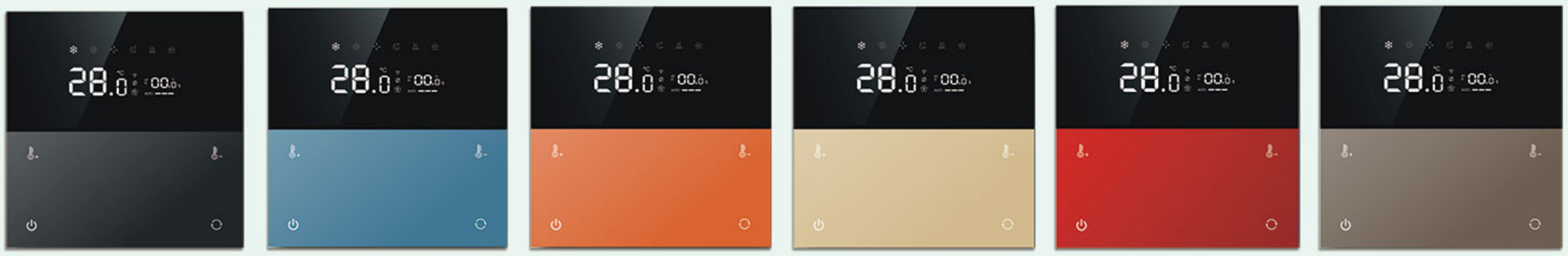


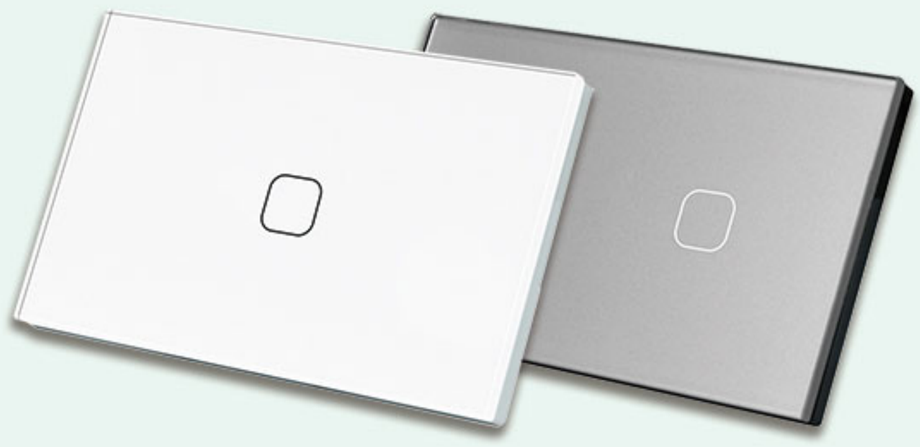
Remote control

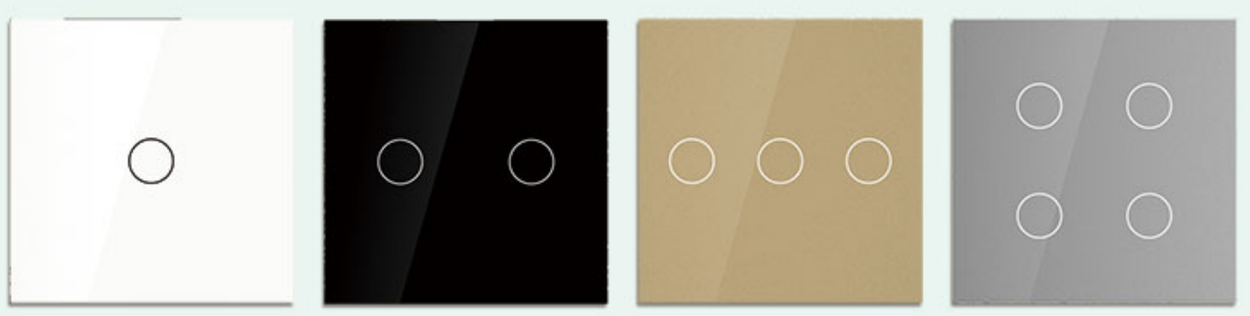
TTAN LAI
Smart home



· Networking Method： MESH
· Communication Protocol： Zigbee Protocol/458
· Communication Frequency： 2.4G
· Static Power Consumption： <0.SW
· Mobile APP Remote Control： Supported
· Button Surface Material： Alumina Material
· Backlight： Orange - yellow when off
· Product Dimensions： H35.8x86x86 mm
· Applicable Voltage： AC220V SOHz
· 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*86cm
· Certificate CE,ROHS,FCC

Google Home　Tuya　Amazon Alexa　Smart life　Google Play　APP Store

TIAN LAI
Smart home

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



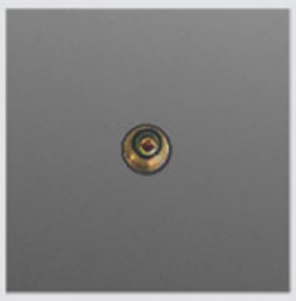
French socket



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



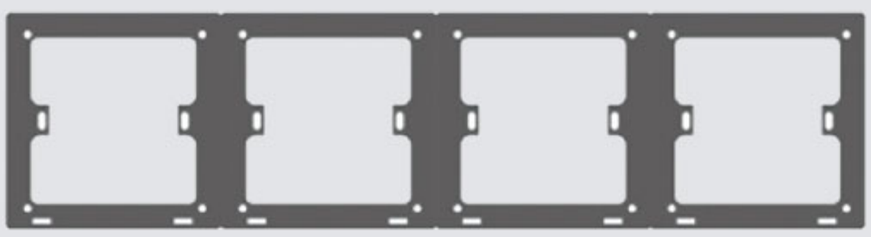
Inductive foot lamp



Shaving socket



Blank panel



4 conjoined frame



5 conjoined frame

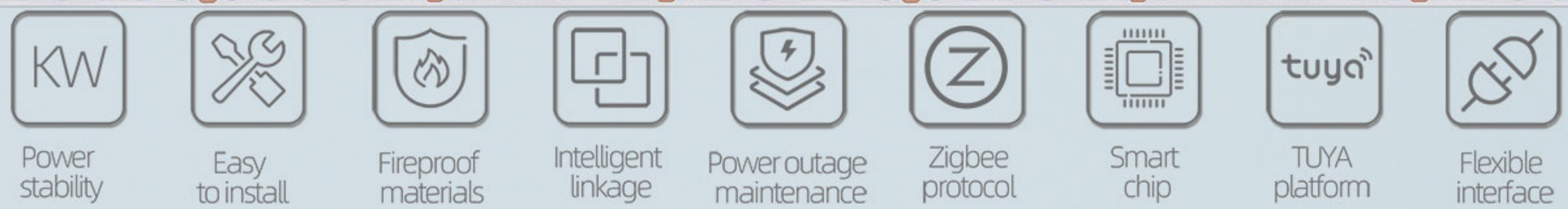
TIAN LAI

Smart home









Power stability | Easy to install | Fireproof materials | Intelligent linkage | Power outage maintenance | Zigbee protocol | Smart chip | TUYA platform | Flexible interface

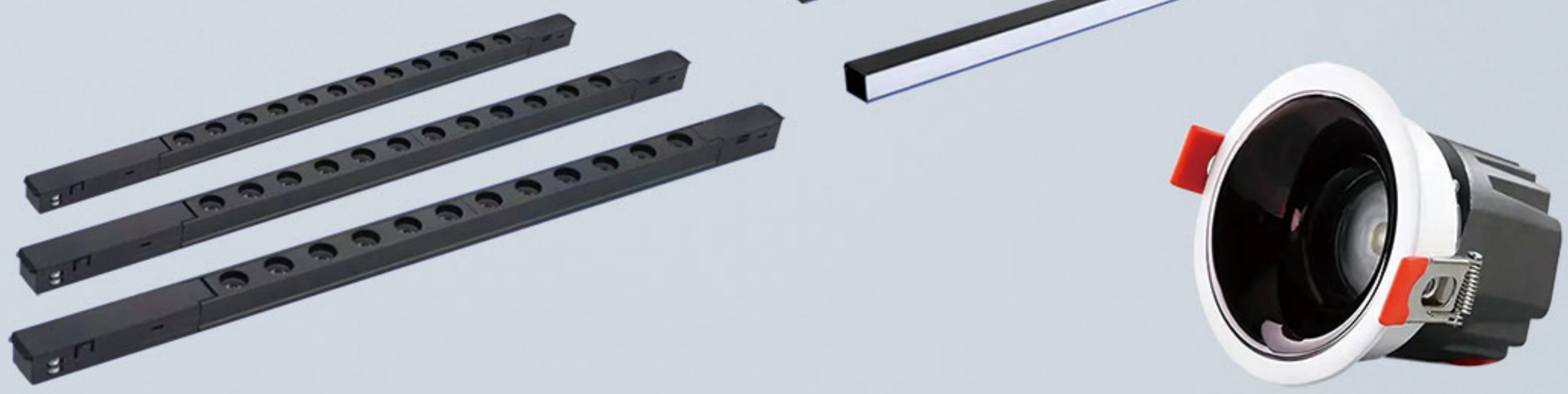
TUYA Intelligent LED Dimming and Color Adjusting Adapter

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









LED soft light | Easy to install | Fireproof materials | Eye protection | Angle customization | Zigbee protocol | Smart chip | TUYA platform | Light selection

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



fingerprint unlock | key unlock | Password unlocking | Low voltage alarm | IC card unlocking | Zigbee protocol | FPC semiconductor | TUYA platform | Metal lock body

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

TIAN LAI

Smart home



- 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

TIAN LAI
Smart home



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: ϕ 84.2mm * 28.8mm



The TUYA Zigbee Microwave Human Presence Sensor , Wave Radar Infared 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: Φ 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: Φ 80* Φ 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

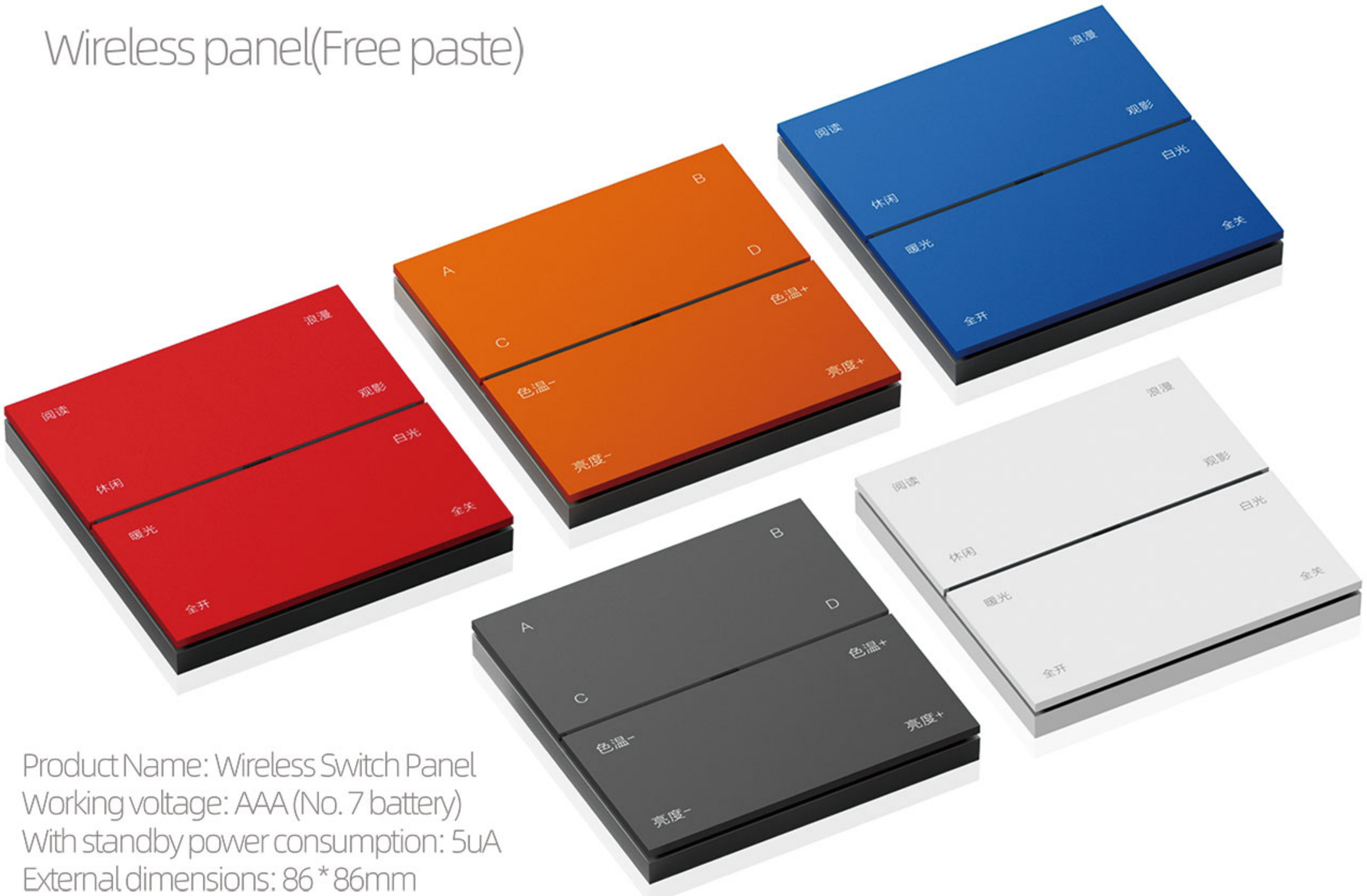
Remote control of the machine, intelligent speaker voice control, manual/physically control after power outage
Power supply voltage: 100-240V
Control methods: voice control, mobile phone control
Rated torque: 1.2Nm Running speed: 14cm/s
Rated current: 0.15A Rated power: 13W



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

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