

● **Esmartech Technology**





Esmartech offers a range of state-of-the-art smart home products designed to elevate your living experience to a whole new level. Our portfolio includes smart lighting, intelligent security, integrated control systems, and smart audio-visual solutions, all crafted with a focus on minimalist design, user-friendly operation, and quick, hassle-free installation.

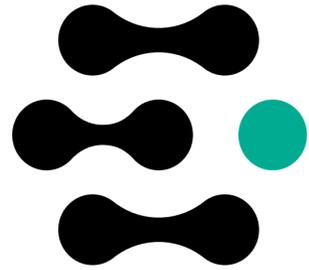
Each Esmartech product is engineered to simplify daily life, enhance security, and optimize energy usage, giving you full control of your space anytime, anywhere.

With Esmartech, your home or workplace becomes not only smarter, but safer, more comfortable, and truly future-ready.

 esmartech.co

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 1812, The Binary by Omniyat, Business Bay, Dubai, UAE



ESMARTECH:

Engineering Smart Living –
Reliable, Affordable, Flexible.

1. Smart Lighting

Utilizing smart switches, sockets, relays, driver, controller for intelligent lighting. Optional live line technology make the switch adapt to wider use. Group control capability extends to all lights within the household.

3. AI Voice Control

Support Alexa, Google Assistant, Siri, control your smart home with voice.

2. Smart Curtain

Real-time status showed on App, control by scenario, remote controller, and application.
Ultra quiet, working noise < 30dB.

4. Smart Alarm

Work with sensors, sirens, SOS button, and apps for smart home security.





Smart Tablet

5. Smart Tablet

Android and IOS apps for free. You can use the in-wall tablet to control the house.



Smart Lock

6. Smart Lock

Upgrade Level-C automatic door lock. Remote unlock when guests visit.



Universal Controller

7. Universal Controller

IR and RF universal controller enables you to control your house TV, AC, projector and etc.



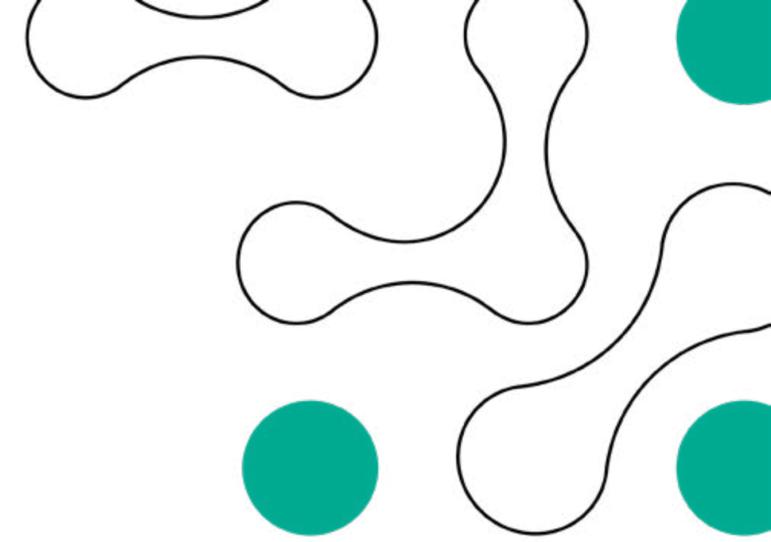
Environment adjustment

8. Environment

Thermostat or IR controller to adjust the house temperature automatically.



Scenarios





Gently wake you up

In the morning

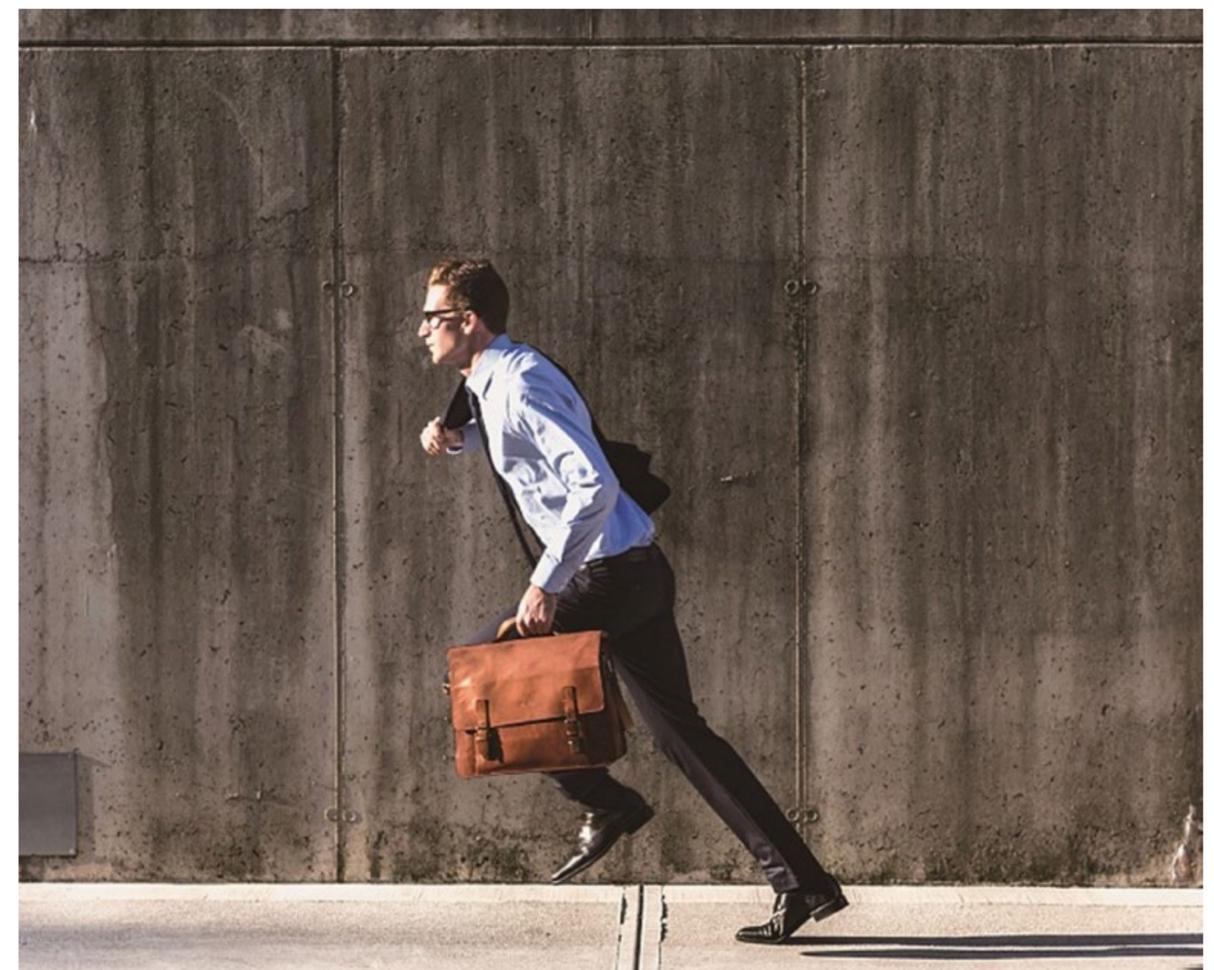
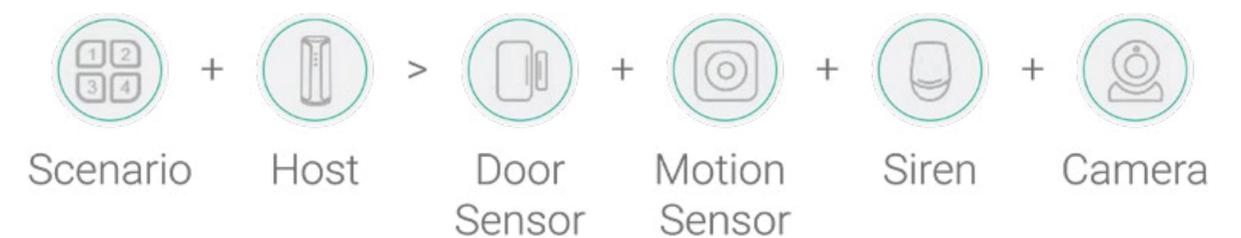
Timer wakes you up with Curtain open, Sunshine greets you gently



Arm the house

Leave home for work

Trigger leave home scenario, your house appliances will be in place, while the host, sensor, siren, and camera begin to arm your house

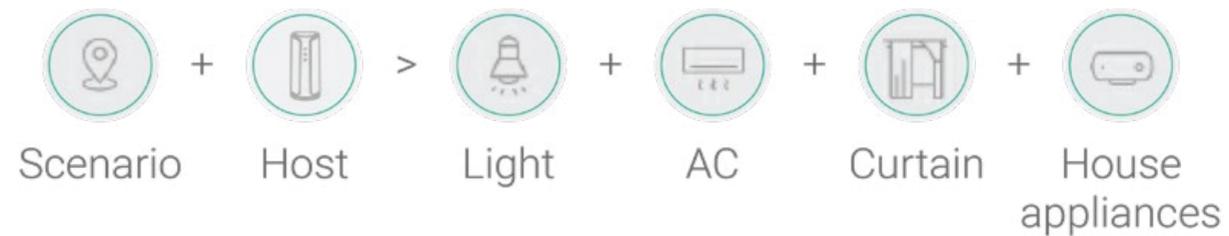




Illumination automation

Back home for work

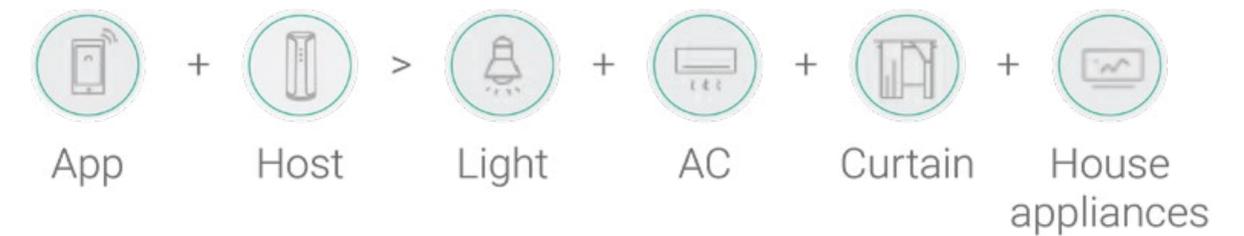
No more walking in dark cold house. You can set up your own back home mode so that lights, house appliances, curtains will be in place.



Happy time with family

Entertainment

AC, Curtain, TV, Projector, Lights, controlling all these devices before you can enjoy the movie? Just say the word to Alexa or Google, all will be ready.

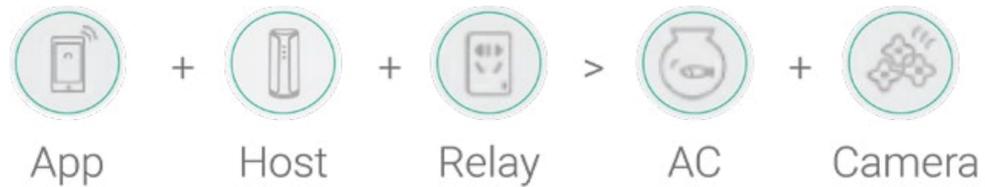




Convenient life

Out for holiday travel

Traveling and worrying about goldfish, potted plants, and small animals at home? Use Esmartech smart products, use timing, scenario function to take care of your home remotely. You can also view it remotely at any time through the camera.



Eco-friendly life

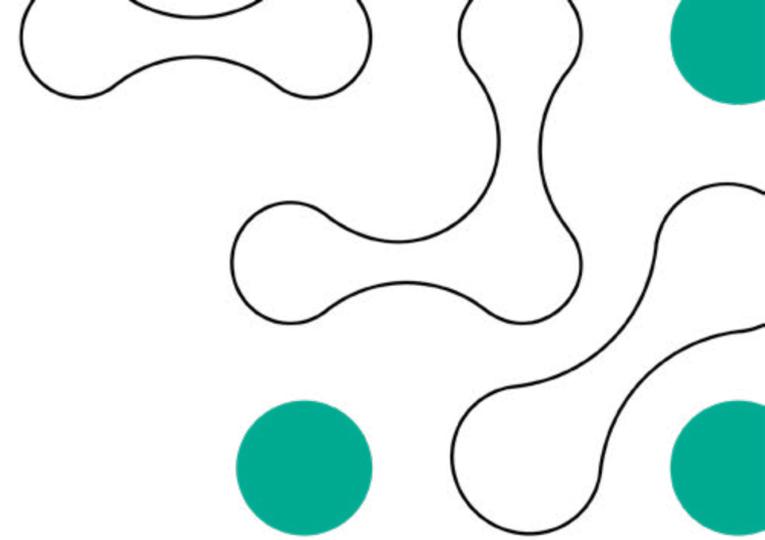
Timing water boiler

Water boiler/Coffee Machine automatically work before you wake up.





More Usage Scenario





 ● **A timely warning for break-in**

Install door and window sensor, when someone break-in, you will get an alarm app notification

 ● **Loud siren At site**

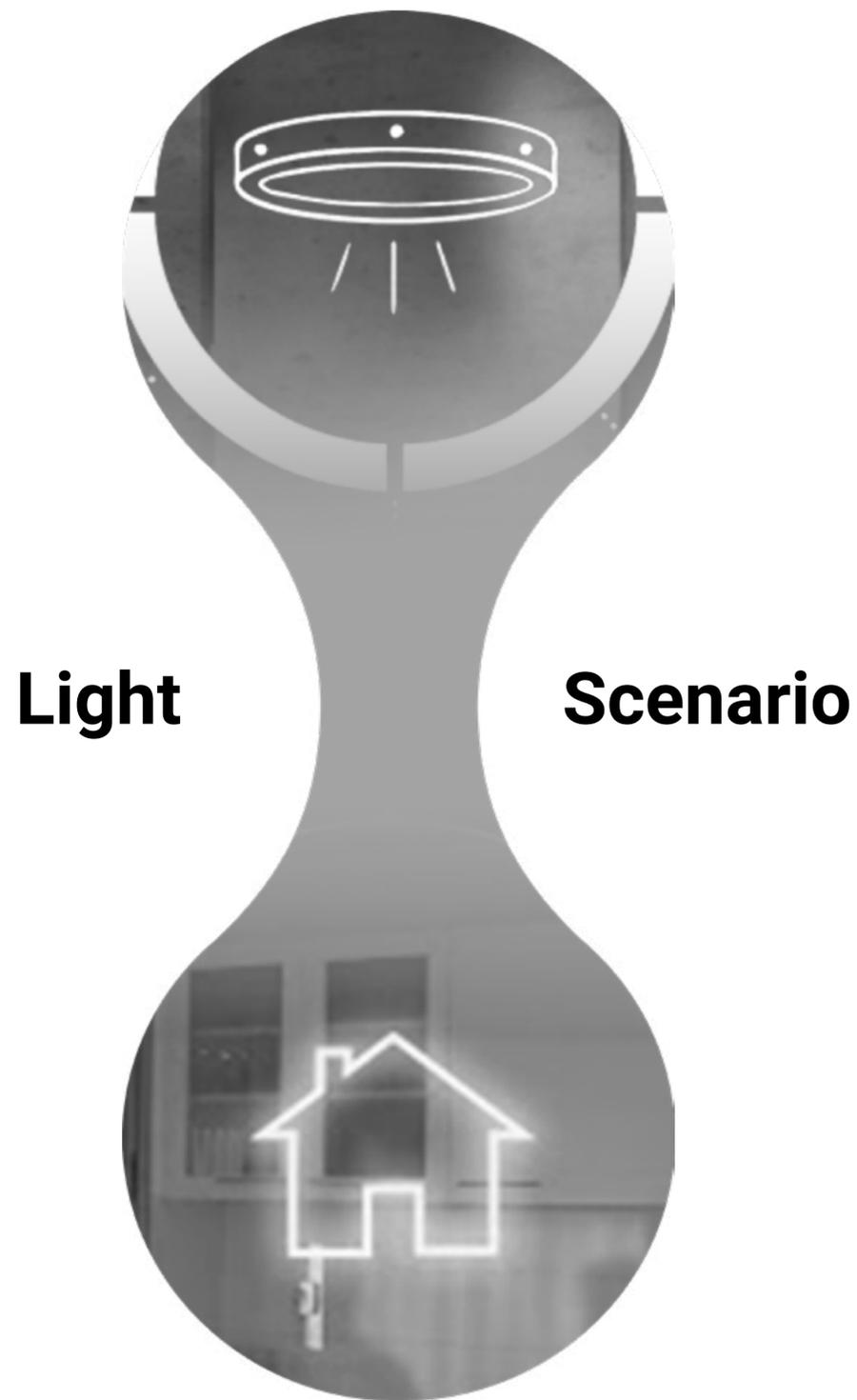
Siren voice of 110db at site can help you scare away the intruder

 ● **View your house**

IP camera enables you to remote view your house, Pan-tilt design, you can view and control.

 ● **Abnormal motion in the house**

Warning, there may be un-invited visitor inside the house



 **Lights status automation and monitor**

When the motion sensor detects people at night time, automatically turns on the light. Remotely close the light with a cellphone.

 **History record**

History record of device status and warning notification when the status changes.

 **Party mode**

One button and lights, music, everything all set.

 **Universal IR controller**

Turn off the Air-conditioner when detecting no one. Turn on the Air-conditioner before you back to the house at heating summer.



BLE Mesh Gateway

The host is the center of the smart home, which links and connects all accessories. Handle all the communication and logic processes, including scenario, timer, and your cellphone remote control.



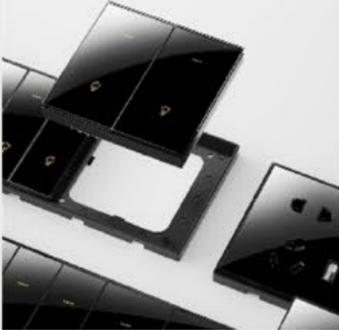
G-Core is a host and gateway that can work with multiple hosts and control them via LAN.



Gateway, siren, host and can also working as sub-host.



Gateway, host, can work with multiple host and command them via LAN.



Gateway, host, 2 gang switch, 2 gang scenario switch.





BLE Mesh Gateway

Control center and host, connecting cloud and mobile App, connecting Bluetooth node device, processing command control and data acquisition of the Bluetooth node device, supporting multi-level expansion of gateway to achieve an intelligent coverage of larger area .

Technical information

Communication: BLE Mesh 5.0

Antenna Type: Built-in Omnidirectional Antenna

2.4GHz, antenna 4.5dBi

Ethernet: RJ-45(10/100Base-T)

Wireless: 2.4GHz, IEEE 802.11B/G/N

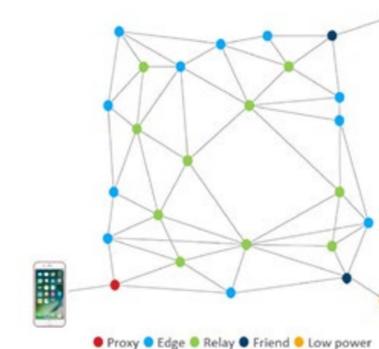
Support control: Esmartech



Appearance



Working Topology of Mesh





G-Core

Control center and host, connecting cloud and mobile App, connecting Bluetooth node device, processing command control and data acquisition of the Bluetooth node device, supporting multi-level expansion of gateway to achieve an intelligent coverage of larger area.

Technical information

Communication: BLE Mesh 5.0

Antenna Type: Built-in Omnidirectional Antenna

2.4GHz, antenna gain 4.5dBi

Wireless: 2.4GHz, IEEE 802.11B/G/N

Support control: Esmartech



Working Topology of Mesh



Mesh Core Lite

The simple version of BLE Mesh Thinker can control mesh accessories, connecting cloud and mobile App, connecting Bluetooth accessories, processing command control, and data acquisition of the Bluetooth accessory device. Built-in siren for alarm.

Technical information

Communication: BLE Mesh 5.0

Antenna Type: Built-in Omnidirectional Antenna

2.4GHz, antenna gain 4.5dBi

Wireless: 2.4GHz, IEEE 802.11B/G/N

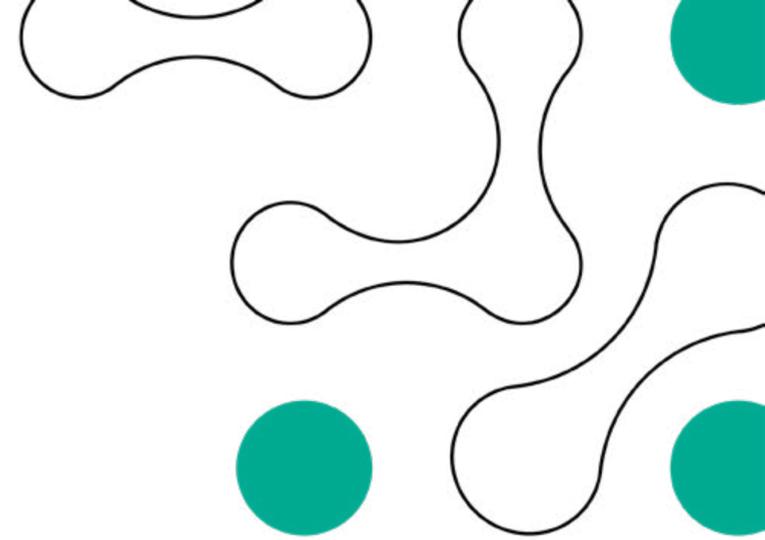
Support control: Esmartech



Each Mesh Core Lite can control 16 scenarios and 16 mesh accessories. Each Mesh Thinker can control 36 scenarios and 36 mesh accessories. In our system, 1 family can have multiple hosts



BLE Mesh Accessories



BLD Touch Switch

Live/neutral line self-adapt technology
Directly replace your existing switch.
Aluminum Alloy

Technical information

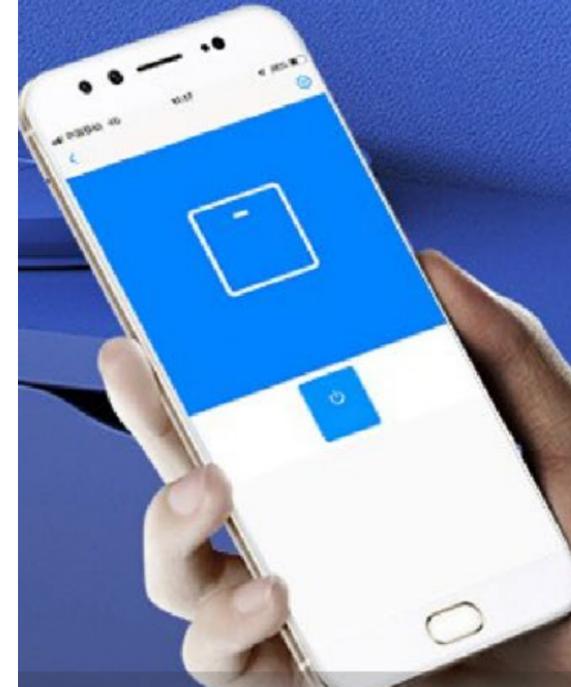
Communication: BLE Mesh 4.2
Support hub: Esmartech



BLM Tact Live Line Switch

Technical information

Communication: BLE Mesh 5.0
Support hub: Esmartech



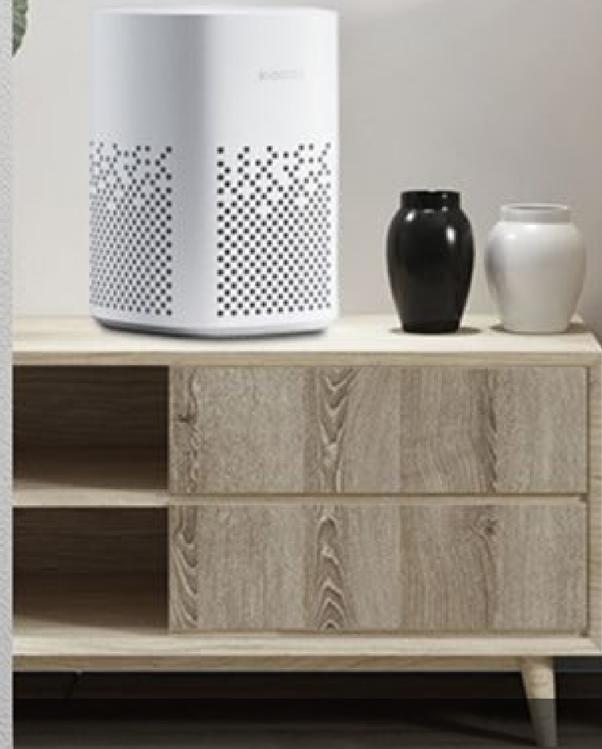
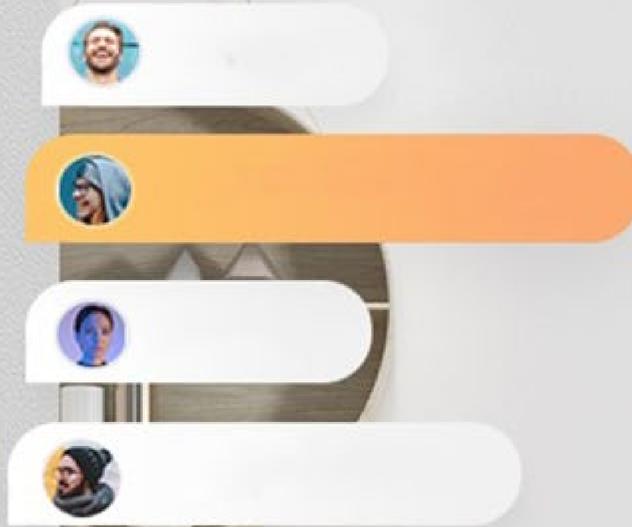
BLE Tact Neutral Switch

Technical information

Communication:

BLE Mesh 5.0

Support hub: Esmartech



BLE Tact Live Line Switch Mirror Type

Technical information

Communication:

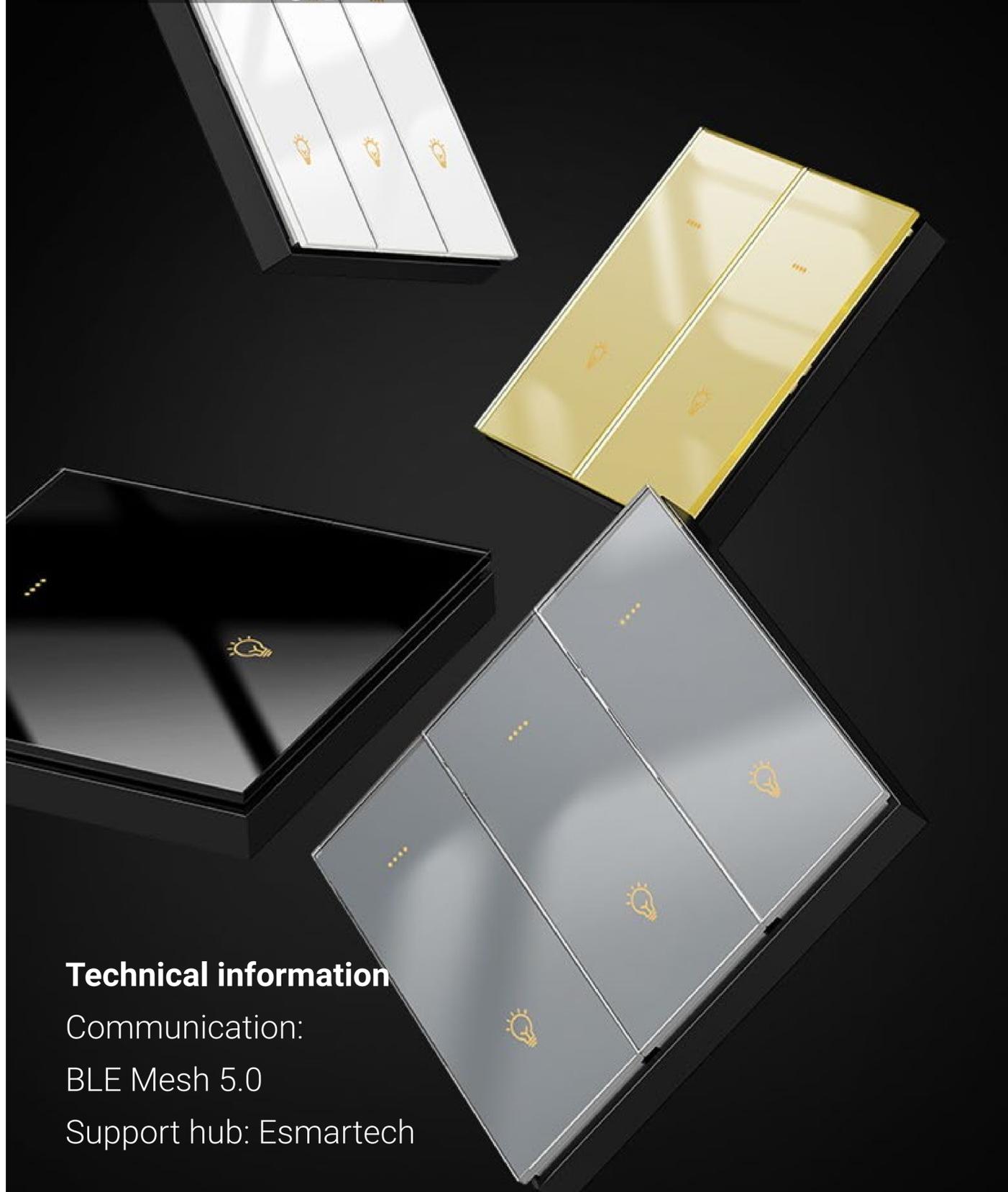
BLE Mesh 5.0

Support hub: Esmartech





BLE Neutral Line Switch Mirror type



Technical information
Communication:
BLE Mesh 5.0
Support hub: Esmartech

Mood Lighting Solutions

Dimmer solution with control on/off, brightness and color temperature.





Door Sensor

Real-time status feedback



	<p>Check if the door/window close properly</p>
<p>When coming back home, the moment you open the door the house will automatically light up for you.</p>	
	<p>Get a timely warning when the child break-in.</p>



SOS button & Smart Remote



Feature

- A. Battery power scenario switch
- B. Portable Design

Parameters

Specification: 86 mm * 86 mm * 12 mm
Communication: BLE 2.4GHz
Battery model: 3V CR2203 * 2 pcs
Appearance material: PC
Battery life: more than 2 years in the standard environment
Indoor communication: 8- 12 meters
Operating temperature: °0 to °55 C
Relative humidity: %10 to %90 noncondensing



Smart Curtain

Ultra quiet



Upgrade Motor with working noise less than 30dB.

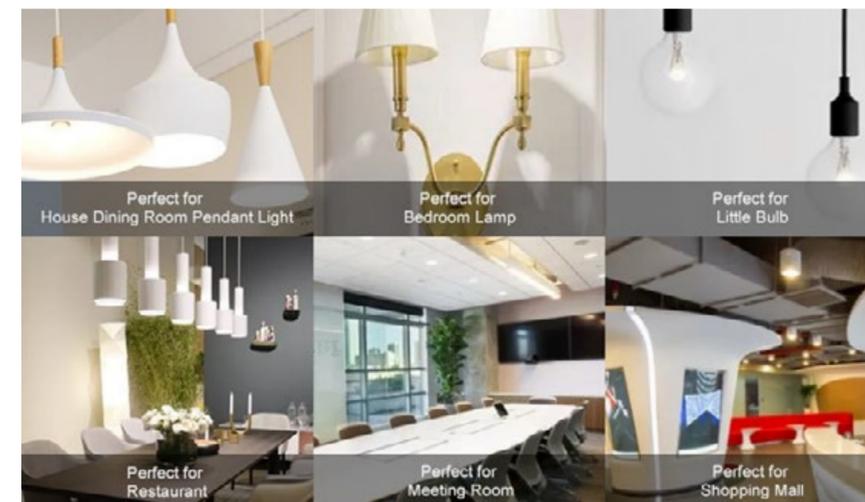
You can also manually Open / close the curtain.



App control Scenario control all curtain together.



BLE Relay



Feature

A. Power on/off device with the app

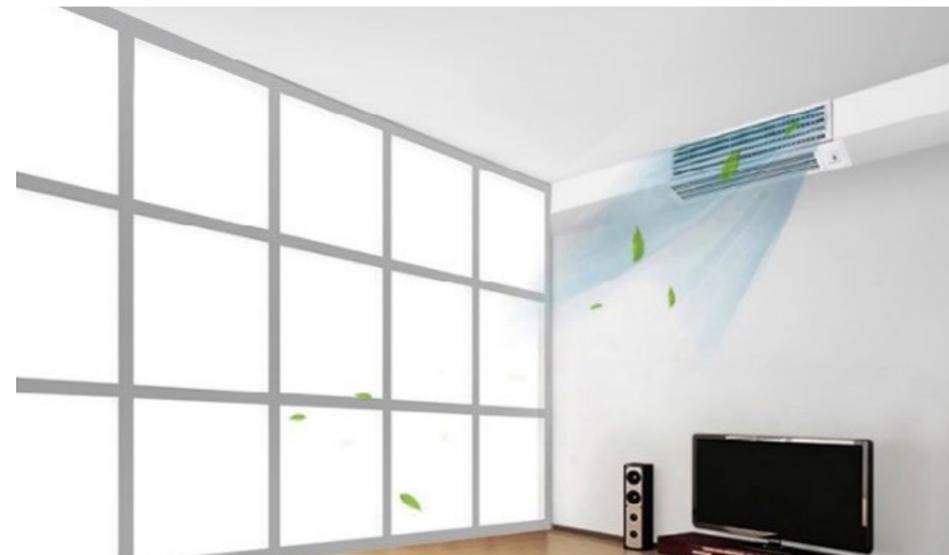




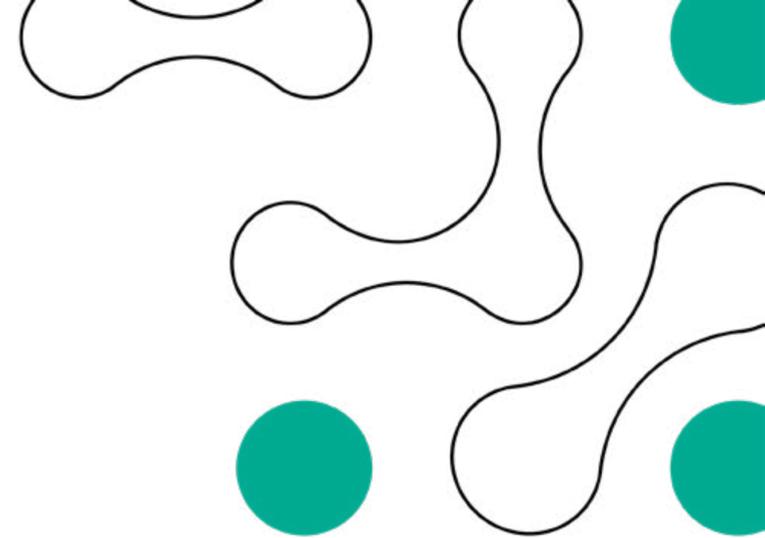
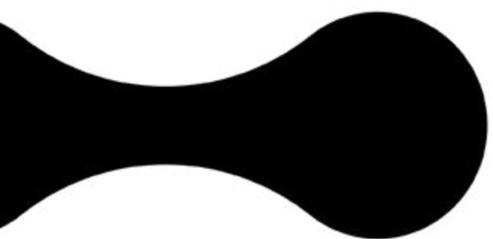
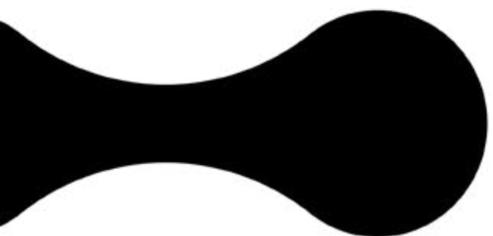
FCU Thermostat IR - Thermostat



Automatically adjust the AC when temperature is higher or lower.



Manage and check the working status via APP.



More Products Of BLE Mesh



More products



Support: Android 6



Water Sensor



Gas/Water Valve



Siren



Gas Detector



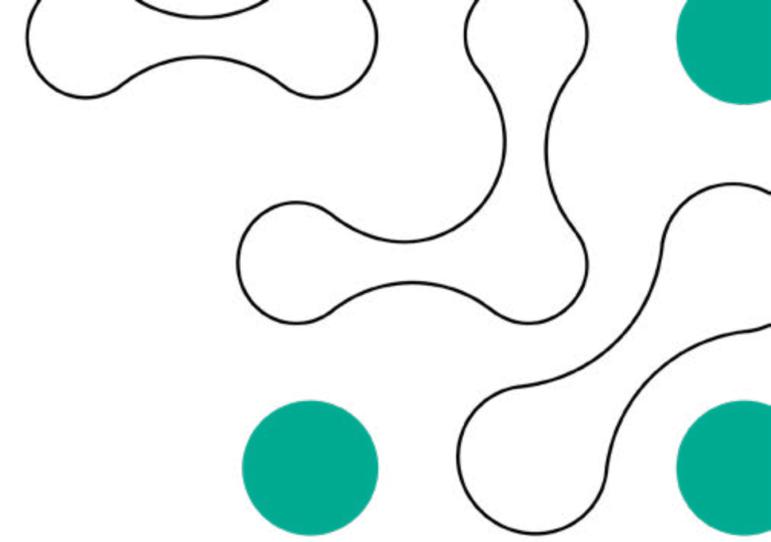
Smoke Detector



Vibration Sensor



Universal Controller And Wi-Fi Products



Mesh Core mini

Universal RF and IR controller

Smart scenario and sensor linkage Work with sensor for security and alarm Built-in Siren Built-in temperature and humidity sensor Universal IR and RF(433 MHz and 315 MHz) controller

Remote control code library: AC, TV

Controllable distance: 10 meters IR, 15-30 meters for RF

Communication mode: RF (315/433 MHz ASK), IR(26k-64k carrier), IO extension(433 MHz GFSK)



Use your phone to control the device wherever you are



Experienced IR and RF remote compatible plan



Alexa/Google Home/Siri Voice control



Smart π

Universal IR controller



Use your phone to control the device wherever you are

Cloud IR code library enable you pair your remote controller directly.



Alexa/Google Home/Siri Voice control



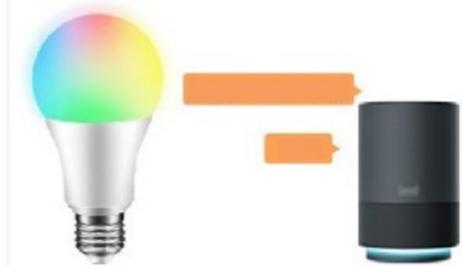


Wi-Fi Smart Bulb



Power on/off device and RGB control device with the app.

Control via AI voice box such as Alexa or Google Home.

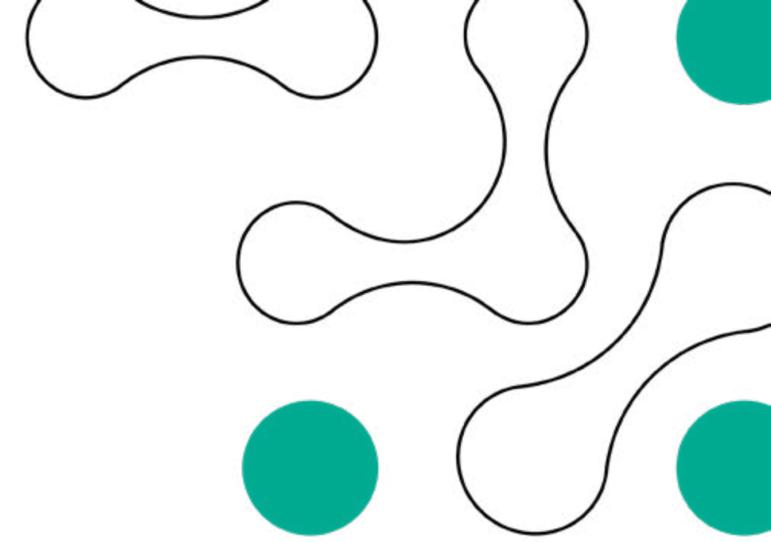


Standard E26 port fit for table lamp





Touch Panel & Doorbell





12 inch All in One



10 inch All in One



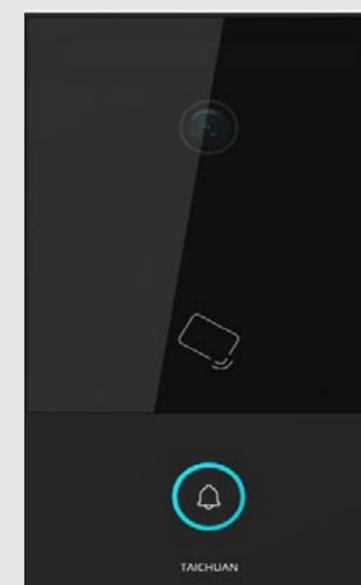
10 inch indoor monitor



8 inch indoor monitor



8 inch Outdoor station



IP Villa Door Phone



10 inch Facial recognition Outdoor station



4 inch Facial recognition Outdoor station



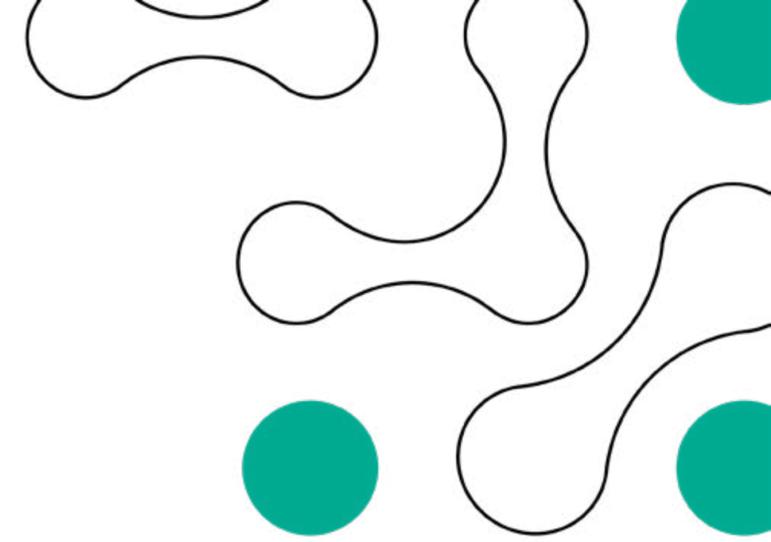
Security Guard Station (Master Station)



10 inch Facial recognition Outdoor station



Smart Lock





Mobile APP remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



Mobile APP remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



Video intercom, 3D face recognition, remote control, remote unlocking via mobile APP, unlocking by fingerprint, password, NFC smart card, key, time - period password, one - time password,



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D facial recognition, remote control, mobile app remote unlocking, fingerprint, password, NFC smart card, key, time period password, one-time password



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time password, different combinations of unlocking





3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time password, different combinations of unlocking



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3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking



3D face, remote control, mobile APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking



Video surveillance intercom, 3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking,



3D face, palm vein, remote control, mobile phone APP remote unlocking, fingerprint, password, NFC smart card, key, one-time password, time period password, different combinations of unlocking



3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



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3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



Video intercom, 3D face recognition, finger vein recognition, palm vein recognition, remote control, remote unlocking via mobile app, unlocking by fingerprint, password, NFC smart card, key, one-time password, time-period password



Video intercom, 3D face recognition, finger vein recognition, palm vein recognition, remote control, remote unlocking via mobile app, unlocking by fingerprint, password, NFC smart card, key, one-time password, time-period password



Video intercom, 3D face recognition, finger vein recognition, palm vein recognition, remote control, remote unlocking via mobile app, unlocking by fingerprint, password, NFC smart card, key, one-time password, time-period password



3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



3D face recognition, finger vein recognition, palm vein recognition, remote control, APP remote unlocking, fingerprint unlocking, password unlocking, NFC smart card unlocking, key unlocking, one-time password unlocking.



Keyless mechanical password, 3D face recognition, finger vein recognition, palm vein recognition, remote control, mobile APP remote unlocking, fingerprint, password, NFC smart card, one - time password. Time - period



3D face recognition, remote control, remote unlocking via mobile APP. Unlocking methods include fingerprint, password, NFC smart card, key, time - period password, one - time password.

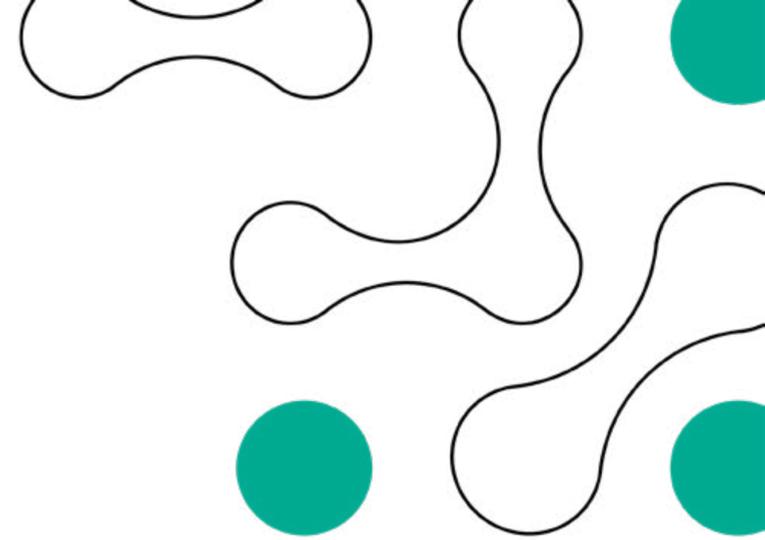


Keyless mechanical password, 3D face recognition, finger vein recognition, palm vein recognition, remote control, mobile APP remote unlocking, fingerprint, password, NFC smart card, one - time password. Time - period





Music Panel & Speakers





7inch touch screen control panel with gateway & music play



8inch inch -4zone background music touch scren control panel



10.1 inch -2zone background music touch scren control panel



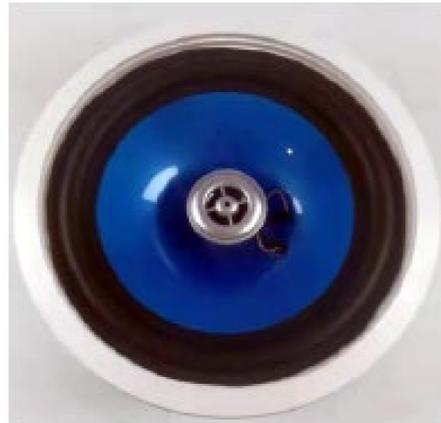
4inch- 4CH Wall Amplifier with Android



Power Amplifier
300W 8ohm
600W 8ohm



Power Amplifier
360W 8ohm
3Zone, 6 Channel Amp



30W - 8 ohm - 8inch Ceiling Speaker



30W - 8 ohm - 5inch Ceiling Speaker



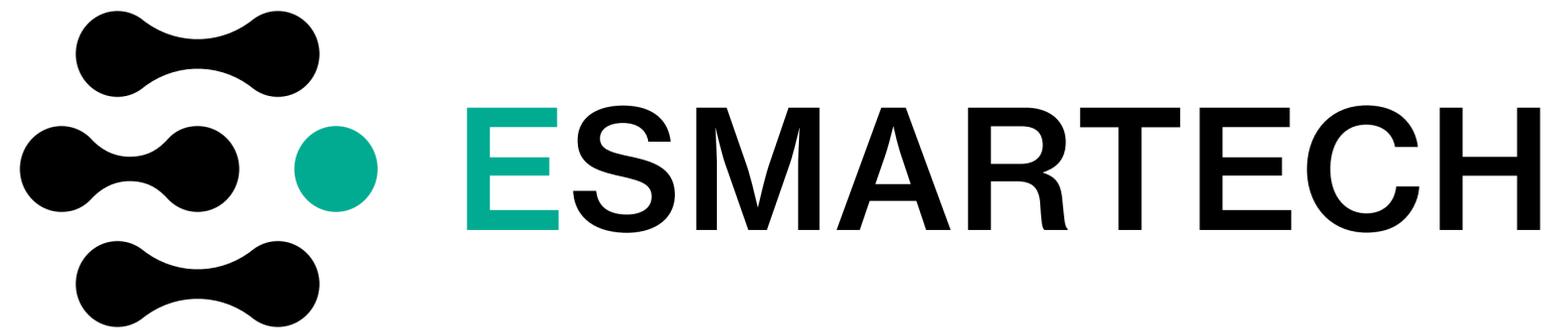
60W - 8 ohm 6inch Ceiling Speaker



60W - 8 ohm
8inch Ceiling Speaker



30W - 40W 8 ohm
Pendant Speaker



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