

SunshineTECH



SMART HOME



Sunshine Tech's Smart Home system helps us enjoy convenient life with single operations on smartphone or tablet. You can interact easily with any smart device anywhere at home.

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OVERVIEW OF SUNSHINE TECH SMARTPHONE SYSTEM

Sometimes, when being away from home, concerns and worries about things like: Have I turned off the air conditioner? Have I turned on security alerts system? What are the children doing at home? ...

In addition, it is definitely inconvenient to live in apartments and buildings when looking for a available parking lots hardly due to not knowing the vacant position in the parking lot and having to remember and press the floor number button when taking the elevator...

Smart Home system of Sunshine Tech helps us enjoy a comprehensively comfortable life with simple operations on smartphone or tablet. Easily interacting with smart devices anywhere at home. "One touch" feature on the phone application initiate the before set-up context/ script of controlling the devices at the user's discretion. For example: When going home, touching the "Go home" button will turn on the corridor lights, open the curtain 50%, turn on the air conditioner and the heater... Users can enjoy the comfort and convenience that Sunshine Tech's Smart home ecosystem brings to improve the quality of life.

Smart Home system will help to synchronize and control all electrical devices. Besides easy control, the system also provides analysis, statistics on electricity and water usage, equipment uptime, etc. Therefore, it helps users have an overview of the device usage at home.

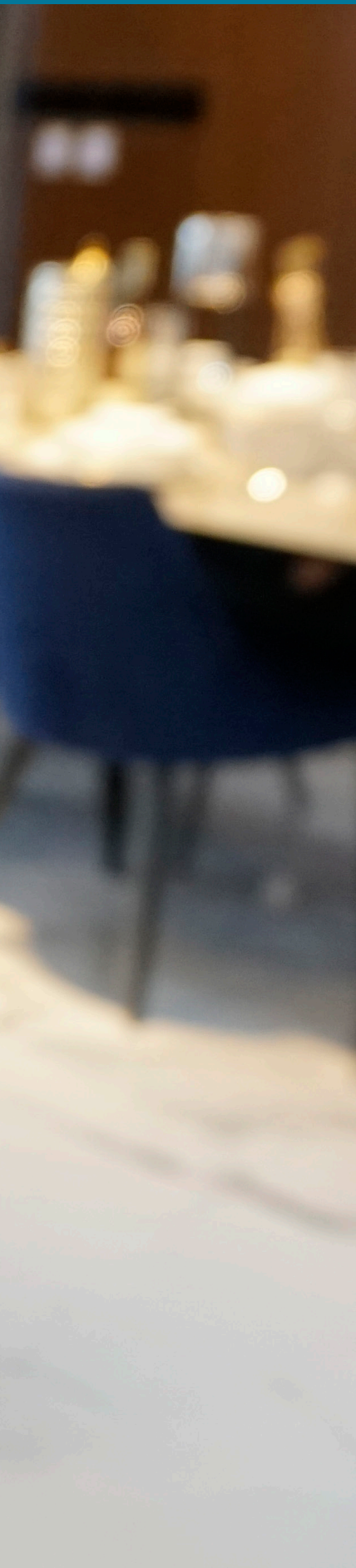
With high safety and security, identity verification through many censorship steps helps users feel secure when using the system.

In addition to remote control via smartphone. Devices can be directly controlled by voice via Sunshine Tech's Smart Speaker. In particular, users can interact with Smart Speakers in Vietnamese, for example: "OK Sunshine: Turn on the living room air conditioner", "OK Sunshine: How's the weather today?", ... Bring the convenience and comfort when using it.

In addition, Sunshine Tech's Smart Home system can integrate with other smart speakers like Amazon Alexa, Google Assistant and other smart devices like Apple Home Kit.





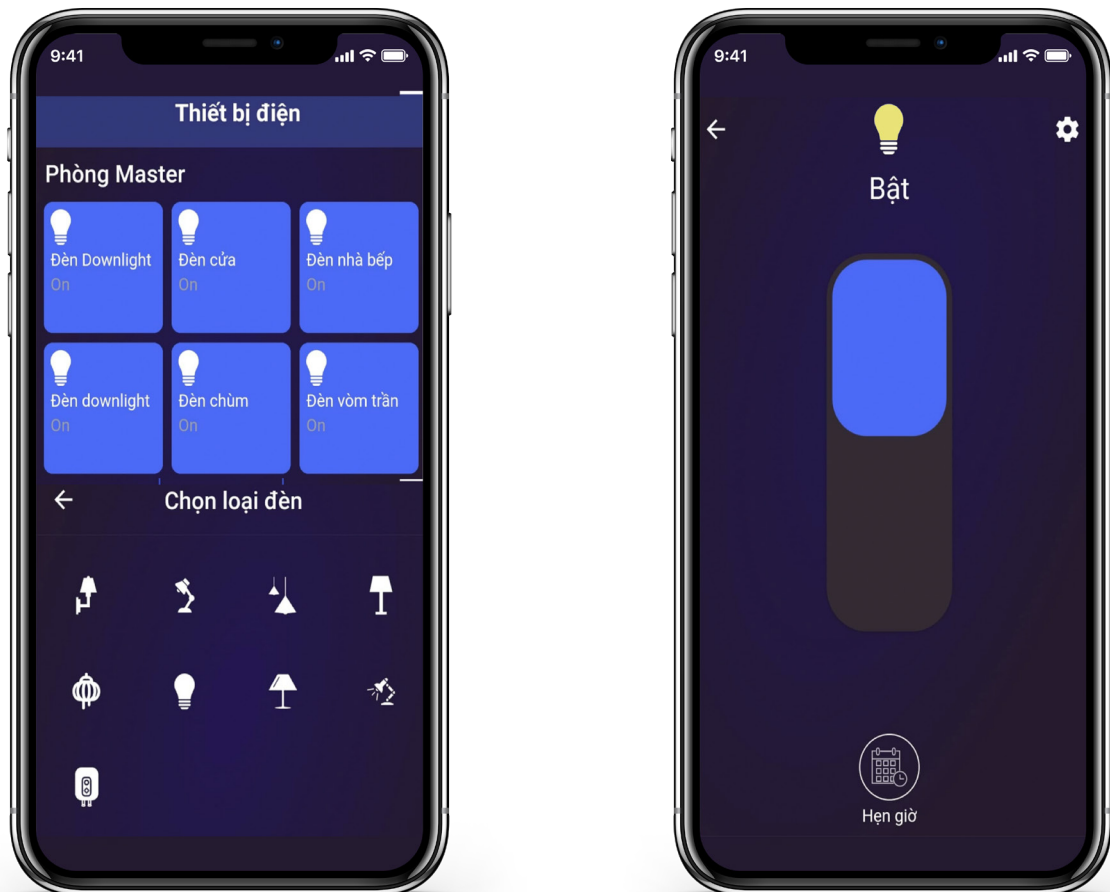


SMART LIGHT SWITCH



FUNCTION

- Capacitive touch technology, touch to control the device.
- Internet connection, a part of Sunshine Tech's Internet Of Things ecosystem
- Timer, remote ON/OFF, connect to smart speaker through smart voice control.
- User Interface used on smart phone and tablet is simple and easy to control



SPECIFICATIONS

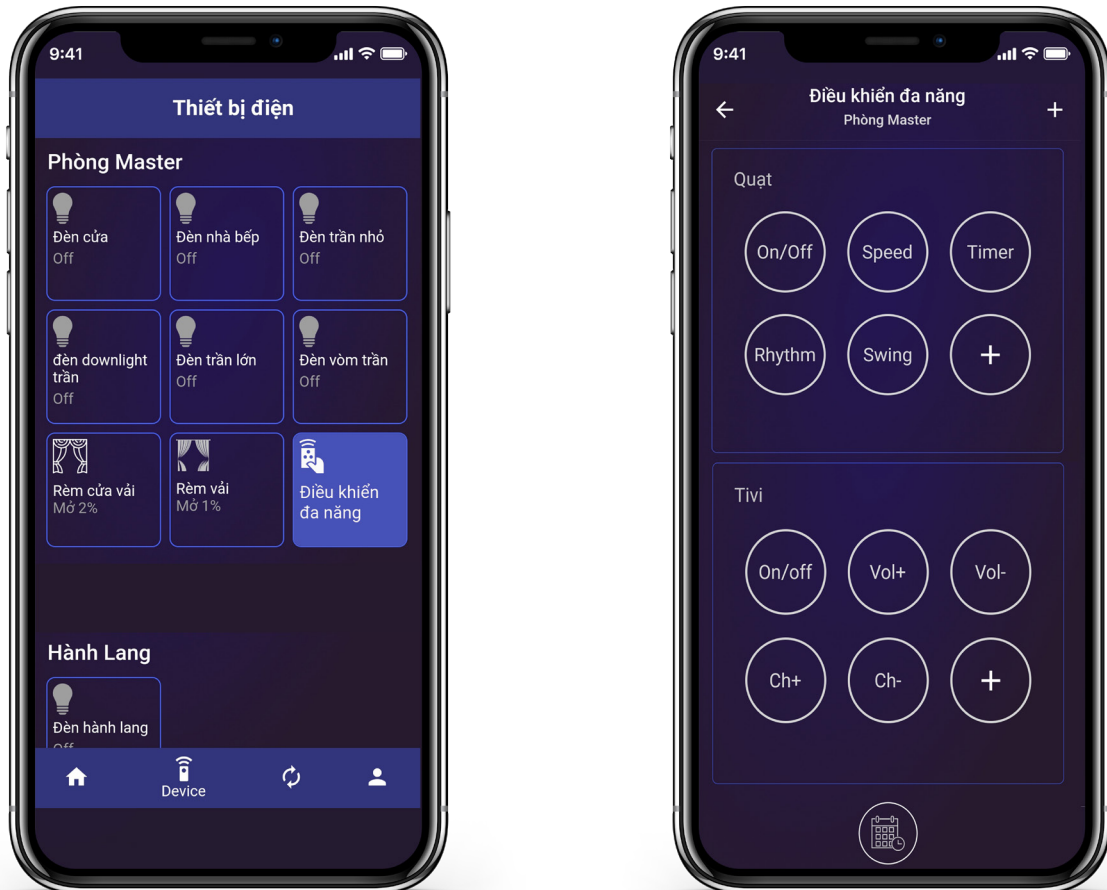
Category	Technical specifications	
Control protocol	Wi-Fi, Bluetooth (BLE)	
Technical specifications	Supply	220 - 240V AC (50/ 60 Hz)
	Size	85 mm x 78.6 mm x 28 mm (L x W x H)
	Operating temperature and humidity	10°C ~ 65°C, ≤ 95% RH
	Number of control outputs	1/2/3/4
Control devices	Operation voltage	220 - 240V AC (50/ 60 Hz)
	Maximum load current	5 A/ 16 A
	Types of typical loads	Lamp, electric fan, heater, ...

SMART GATEWAY

FUNCTION

- Learning to control infrared devices like TVs, fans, air conditioners ...
- Controlling the majority of air conditioners in the market such as Daikin, LG, Panasonic ...
- Temperature sensor, environmental humidity.
- Internet connection using WiFi.
- Sensor controlled via application & inter link controls with smart speaker.





SPECIFICATIONS

Category	Technical specifications	
Control protocol	Wi-Fi, Bluetooth (BLE)	
Technical specifications	Supply	Adapter 5V DC - 1 A (Cable micro USB type C)
	Size	Ø 79 mm x H 34 mm
	Operating temperature and humidity	10°C ~ 65°C, ≤ 9 5% RH
Control devices	- Control most types of air conditioners such as Daikin, LG, Panasonic ... - Control electrical equipment using Remote Control such as TV, Remote control Fan ...	

SMART CURTAIN

FUNCTION

- Control curtains through Remote control, smartphone or speaker application.
- Automatically close/ open curtain through timer on phone application. Automatically close/ open blinds through timer on phone application.
- Able to control single or double curtain. Ability of opening curtain at different levels from 0-100%.
- Can connect to and control Smart Light Switch
- Easy and convenient installation with only one wire ethernet cable.
- Compatible with most curtain systems on the market.





SPECIFICATIONS

Category	Technical specifications	
Control protocol	Wi-Fi, Bluetooth (BLE)	
Technical specifications	Supply	220 - 240V AC (50/ 60 Hz)
	Size	85 mm x 78.6 mm x 28 mm (L x W x H)
	Operating temperature and humidity	10°C ~ 65°C, ≤ 95% RH
	Control devices	Dry contact, UART, RS485 (Communicate via cable ethernet)
Control devices	Connect most with curtain control devices using Dry contact, UART, RS485 control protocols.	

SMART METER



FUNCTION

- Collect information of the electricity meter, water meter in apartments, buildings and display records on the phone application.
- Ability to collect information of 8 power meters and water meters at the same time.
- Easy to install and use only one ethernet cable cord.



SPECIFICATIONS

Category	Technical specifications	
Control protocol	Wi-Fi, LAN, RS485 or M-Bus	
Technical specifications	Supply	PoE source via ethernet cable
	Size	105 mm x 85 mm x 54 mm (L x W x H)
Control devices	Types of electric meters, water meters with RS485 or M-Bus communication	

SMART MOTION DETECTION



FUNCTION

- Automatically detecting motion, then turn on/off the device accordingly in the bathroom, helps save power.
- Auto-alerting via phone application when strangers break into the house.
- Wide detection angle with fast response (<math><0.5\text{ s}</math>).
- Easy to install and use.

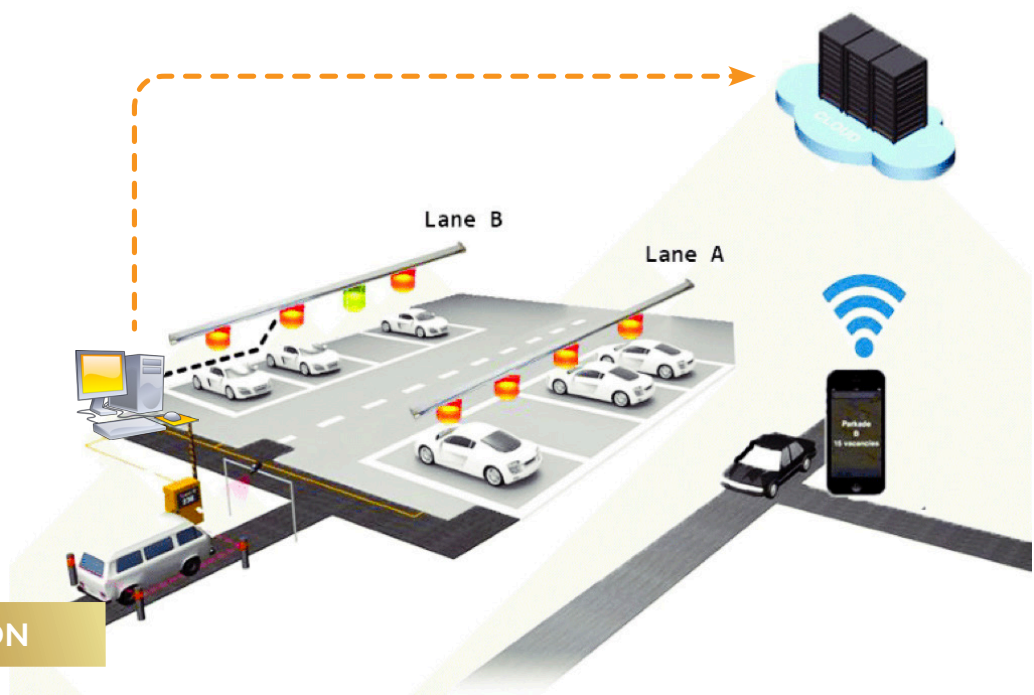




SPECIFICATIONS

Category	Technical specifications	
Control protocol	Wi-Fi, Bluetooth (BLE)	
Technical specifications	Supply	220 - 240V AC (50/ 60 Hz)
	Maximum detection distance	5 m ~ 8 m
	Largest scanning angle	140 °
	Response time	< 0.5 s
	Size	Ø 98 mm x H33 mm Sand hole diameter: Ø 80mm
Control devices	Operating temperature and humidity	10°C ~ 65°C, ≤ 95%RH

SMART PARKING



FUNCTION

- Book space for parking lots conveniently and quickly via the mobile application.
- Easily select the position and direction through LED panels that indicate the space. The status of parking spaces is updated quickly.
- Use ANPR technology to automatically identify license plates.
- Users can easily find the location of their vehicle in the parking lot via mobile application or parking map without having to remember the position of the car.

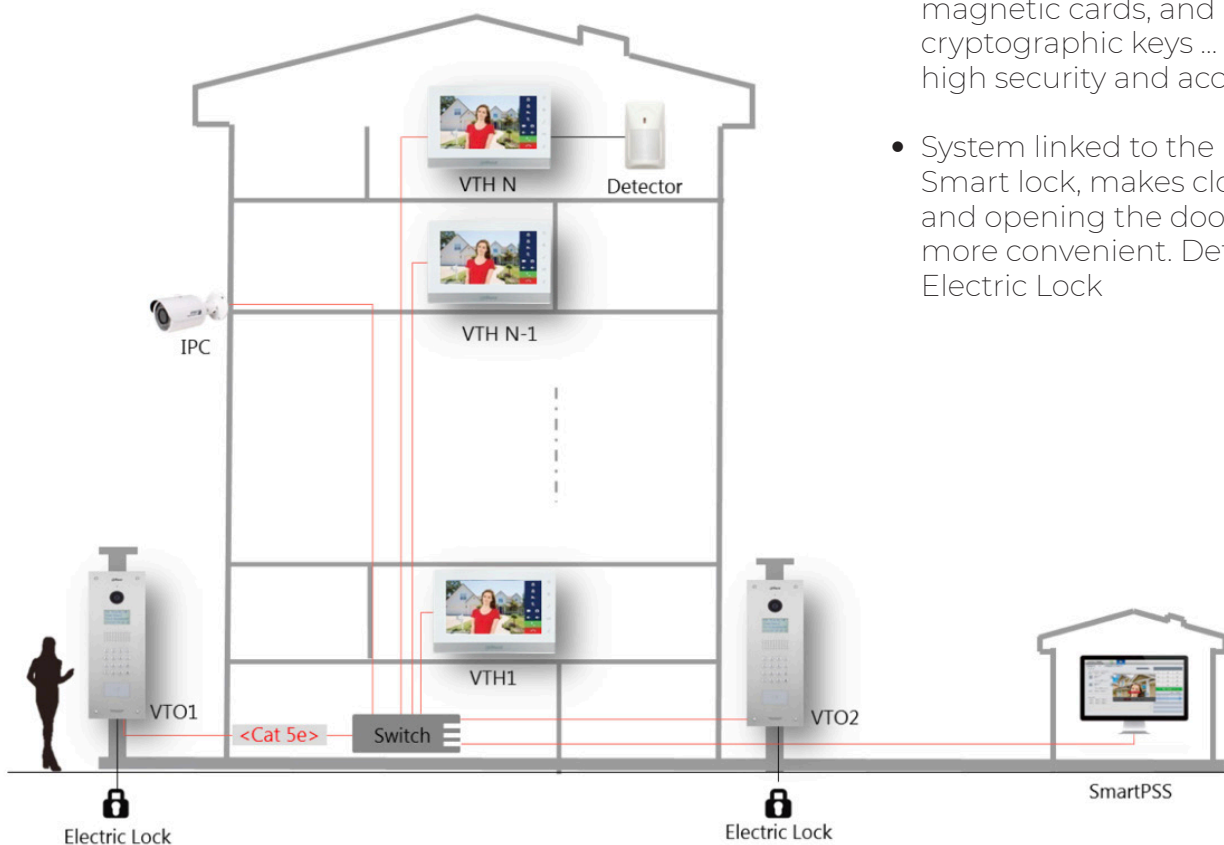


SECURITY CONTROL SYSTEM FOR BUILDING

FUNCTION

- Security control system integrated into the ecosystem smarthome of Sunshine Tech, helps in security buildings and apartments strengthen and ensure security.

- The devices are all integrated camera, support listening and calling with high quality pictures, and realistic sound.
- The system can use the magnetic cards, and cryptographic keys ... with high security and accuracy.
- System linked to the Smart lock, makes closing, and opening the door more convenient. Detector Electric Lock





SMART ELEVATOR SYSTEM

FUNCTION

There are many methods to use elevators such as:

- Possibility to link with devices in Sunshine Tech's Smart home ecosystem such as video door phone device of "Building security control system", phone application, smart speaker. Helping to close and open the door more conveniently.
- Smart lock with multiple layers of security, the door will also automatically lock, give a warning on the phone, alarm when using a password, card, and invalid fingerprint repeatedly.
- Large, multi-color storage options for compatibility with your home.
- Luxury and modern design with zinc alloy material with durability and long life.
- Fast and accurate response speed.
- Easy to install and control.



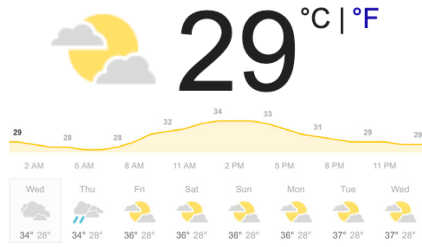


SMART SPEAKER

FUNCTION

- Sunshine Tech's smart speaker integrates two functions: Controlling devices in Sunshine Tech's Smart Home system and answering questions of the user.
- With special feature of supporting communication in Vietnamese, this will help Vietnamese easily communicate with speakers to fulfill your requirement. Just a few words like "OK Sunshine: Open the playlist", "OK Sunshine: Increase the living room temperature to 26 ° C", or "OK Sunshine: How is my work schedule today?", Sunshine Tech smart speaker will respond to all of your questions with extremely fast data processing speed and high accuracy.
- Small, compact and highly portable design, easy to place a smart speaker anywhere at home.
- Users can view the time information displayed on the speaker's body.





Feedback information



Control IR Gateway



Control curtains



Door Lock Control



Control Switch



Control device for reading water and electricity parameters

AIR QUALITY MANAGEMENT UNIT

FUNCTION

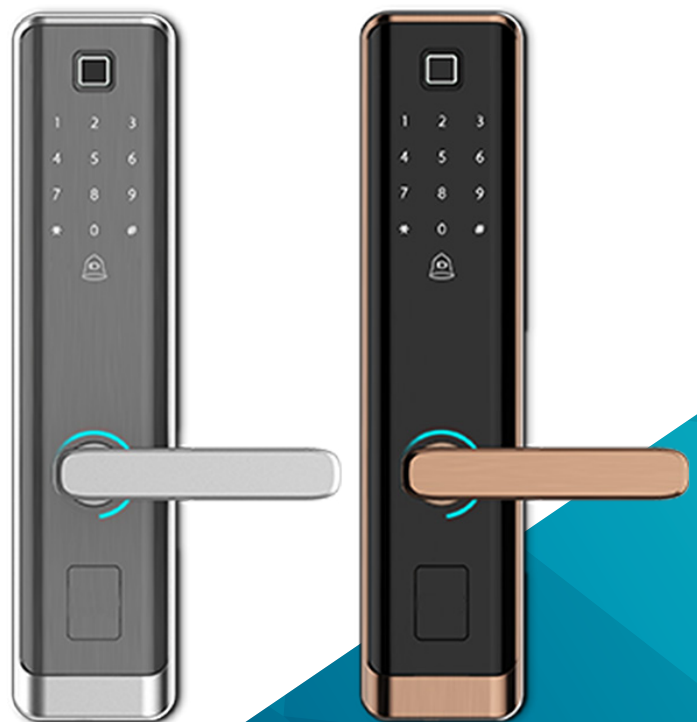
- Measure temperature, humidity, CO2 concentration and harmful components in the air. Visual display via LED screen.
- The sensor will check and analyze air quality, Sunshine Tech's Smarthome system automatically adjusts devices to counteract air cleanliness decline through adjusting HVAC systems (devices such as heating systems, air conditioning, ventilation, ...). Helps the air quality at home always clean to provide the best health of users.
- Connect to Sunshine Tech's smart speakers and many other SmartHome devices, also compatible with other smart speakers such as Amazon Alexa, Google Assistant and IFTTT services.
- Compact, luxurious and sophisticated design.
- Easy to install and configure.



SMART LOCK

FUNCTION

- Using a variety of opening methods including fingerprint technology, smartphone use, magnetic card, password, and physical key. Whatever you use, it still ensures maximum security.
- Can connect with devices in Sunshine Tech's Smart Home ecosystem like door phone video device of "Building's security control system", phone application, smart speaker. Helps to close and open the door more conveniently.
- Smart Lock with multiple layers of security, the door will automatically lock and show the scene alarm on the phone, alarm when using an invalid password, card, and fingerprint many times in a row.
- Fast and accurate response speed.
- Easy to install and control.



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