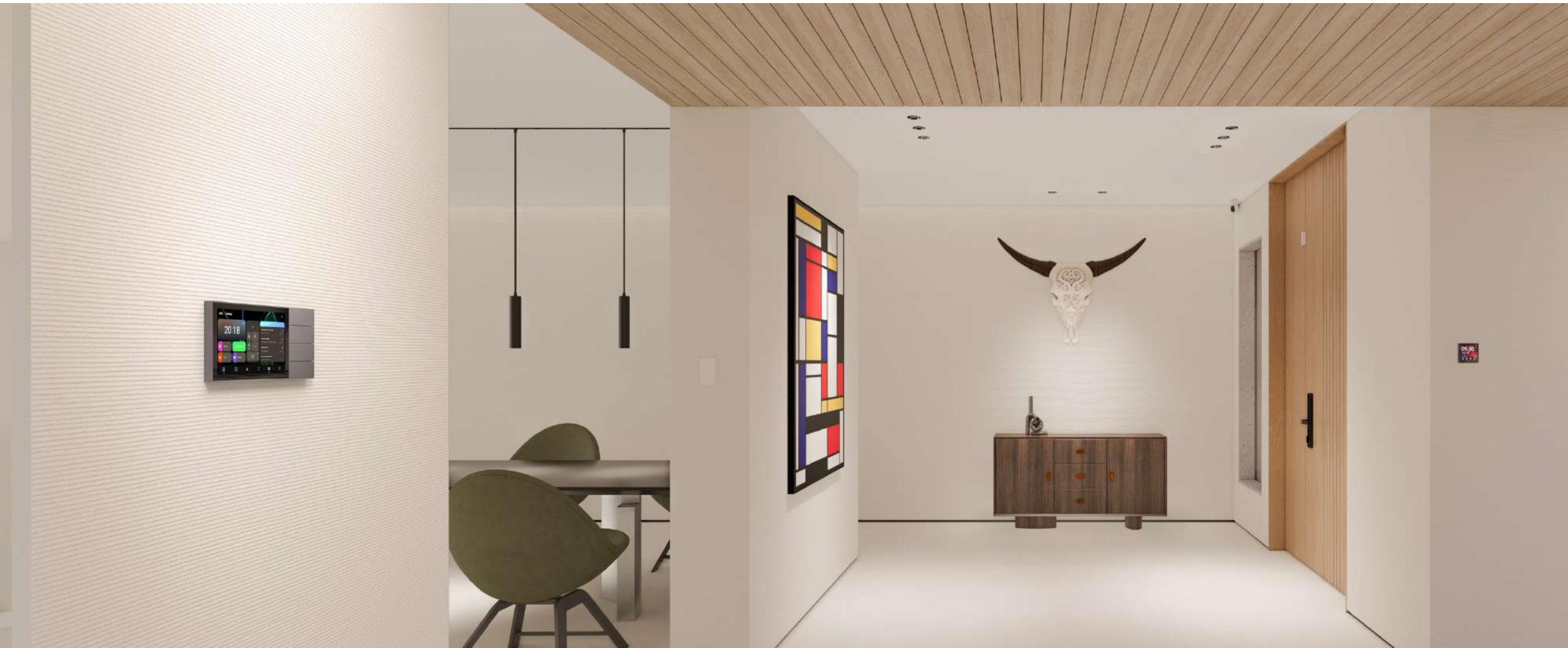


LifeSmart[®]

Product Introduction



LifeSmart

LifeSmart is a global leader in AIoT solutions. We offer a range of smart hardware, user-friendly applications, and open cloud services. Our mission is to create a fully integrated smart ecosystem that enhances your daily life.

At LifeSmart, we understand the importance of a connected living experience. Our smart home solutions cover various areas, including intelligent lighting, shading, HVAC systems, security, smart control, and immersive audiovisual experiences. We bring convenience and comfort to your home.

With a presence in over 100 countries and regions, we have served more than 4 million satisfied customers. Our innovative solutions empower you to live and work more efficiently while creating value for your everyday experiences.

4M+

Global Users

100+

Countries/Regions

200+

Core Patents

300+

Self-developed
SKUs

20+

Certifications

11years

Company History



LifeSmart System



2 Interaction Entrances

- LifeSmart APP
- Nature OS



4 Core Technologies

- AI Builder
- CoSS Communication
- Open Ecosystem
- Industry Platform



8 Comprehensive Home Systems

- Control Center
- Home Security
- Smart Sensor
- Energy Management
- Smart Lighting
- Smart Shading
- Thermostat & Climate
- Home Theater

LifeSmart APP

Simplicity, purity, double the experience



Natural Design Aesthetics

The closest thing to a natural user interaction experience. Forward-looking visual design.



Personality Customization

The highly customizable page features allow you to show your unique living style and make your home your private art space.



Remote Controls

Support full product system
Access to 500+ product models
Support multi-protocol device control at the same time.



Powerful Whole House Intelligent Templates

Through the intelligent multi-dimensional provides users with timed tasks, intelligent linkage and situational modes, massive intelligent templates, can be independently customized intelligent applications.



Flexible And Efficient Equipment Management

Device Sharing
Family Account Management
Widgets
Self-localizing device faults.



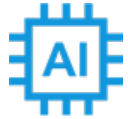
Safety

Provide camera integration for remote home monitoring
APP real-time message alerts
Professional whole house board.



Nature OS

Redefining Natural Interaction
for a More Colorful Life



Sensorless Interaction

AI+Machine Linkage
Invisible Care



Visual interaction

Visual Intercom



Multi-touch

Individualized Interface



Button Interaction

Button Customization

The infinite vision provided by multi-size screens opens up a brand new interactive experience. Nature App, unlike traditional screen apps, is a subversive smart home control portal that will greatly simplify the communication process between people and their homes.



Exponential Interaction Efficiency Improvement

Unlimited customization of interaction modules

32

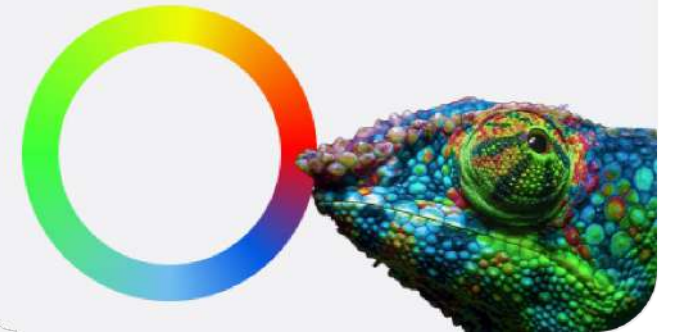
Supports up to 32 Interactive Modules



Chameleon™

Background color pickup system

Module Color Adaptation



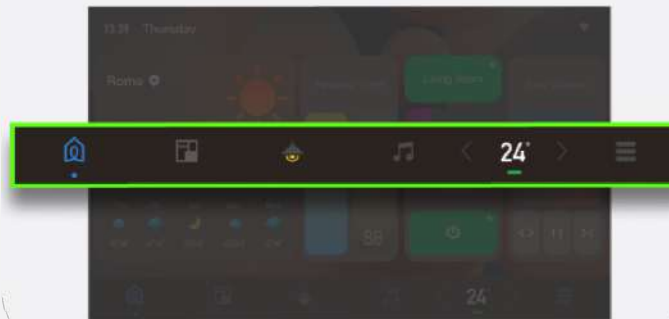
Roscoe™ Colorful Design

Recognize device status at a glance



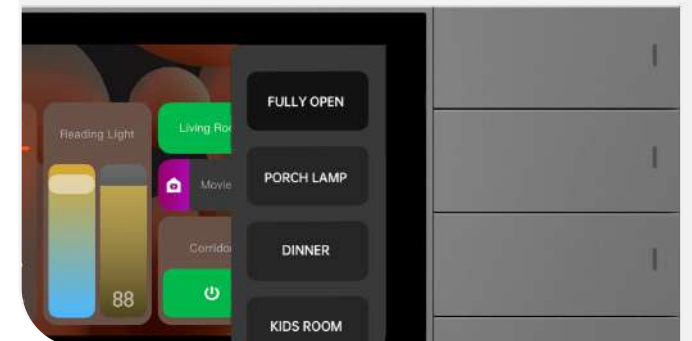
Tesla's same flash control bottom bar

Quickly view status and control your device



Unique keystroke reminder function

Physical keystroke execution pop-up alerts



Nature Store

Explore, download and enjoy the world of Nature



Theme, Crazy
My Vision, My Call.

All-round re-creation of cartoon, art, simplicity and other themes, covering device control, scene mode, slider adjustment and other multi-module control.



Introduce
UI Builder

UI Builder is a visual graphical gameplay editor. Developers can use the Nature Store to bring their creative gameplay to a global audience.



Couture & Mix
Interface Magician Debuts

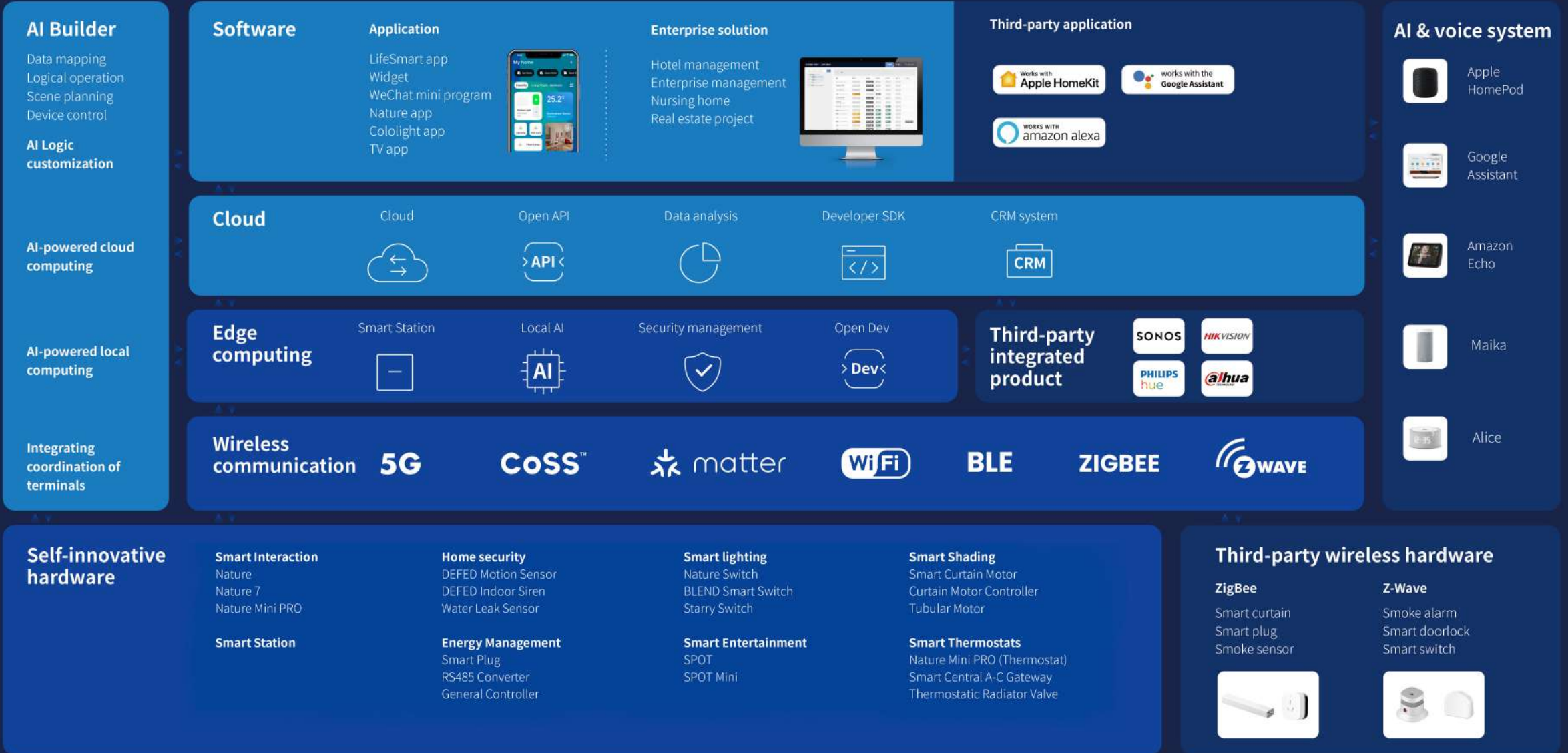
After Nature Mini PRO is upgraded to the latest system version via OTA, users can flexibly configure 1-5 first screen interfaces, and can fully customize the type and number of interfaces. At the same time, Nature Mini PRO supports one-click to open or hide the set interfaces, which greatly improves the efficiency of user interaction.



Nature Store is a playstore for Nature Series devices (Nature Mini PRO, Nature Mini L, Nature X Pro, COLO PLAY). It is a centralized platform where users can browse and download various skin interfaces, screensavers and mini games. It now supports Nature Mini PRO, Nature X Pro and other devices. Users can easily preview skin interfaces, screensavers or mini games in the Play Mall, select the Nature Mini PRO Home interface they want to apply through the LifeSmart App, and apply it to the device interface with one click.

Ecosystem

■ Self-innovative software
 ■ Self-innovative hardware
 ■ Technology partners



AI Builder

Data mapping
Logical operation
Scene planning
Device control

AI Logic customization

AI-powered cloud computing

AI-powered local computing

Integrating coordination of terminals

Software

Application

LifeSmart app
Widget
WeChat mini program
Nature app
Cololight app
TV app



Enterprise solution

Hotel management
Enterprise management
Nursing home
Real estate project



Third-party application



AI & voice system



Cloud

Cloud



Open API



Data analysis



Developer SDK



CRM system



Edge computing

Smart Station



Local AI



Security management



Open Dev



Third-party integrated product

SONOS

HIKVISION

PHILIPS hue

alhua

Wireless communication

5G

CoSS™

matter

WiFi

BLE

ZIGBEE

Z-WAVE

Self-innovative hardware

Smart Interaction

Nature
Nature 7
Nature Mini PRO

Smart Station

Home security

DEFED Motion Sensor
DEFED Indoor Siren
Water Leak Sensor

Energy Management

Smart Plug
RS485 Converter
General Controller

Smart lighting

Nature Switch
BLEND Smart Switch
Starry Switch

Smart Entertainment

SPOT
SPOT Mini

Smart Shading

Smart Curtain Motor
Curtain Motor Controller
Tubular Motor

Smart Thermostats

Nature Mini PRO (Thermostat)
Smart Central A-C Gateway
Thermostatic Radiator Valve

Third-party wireless hardware

ZigBee

Smart curtain
Smart plug
Smoke sensor



Z-Wave

Smoke alarm
Smart doorlock
Smart switch



Protocol Introduction

Wireless communication protocol comparable to the stability of wired networks

Communication of Smart Star Network (CoSS[®]) is a new IoT communication protocol independently developed by LifeSmart to achieve communication interconnection and automation for IoT devices. CoSS[®] adopts wireless connection technologies comparable to wired connection technologies.

Specially designed for IoT, CoSS[®] defines the communication model, data structure, and interaction format on the physical layer, link layer, and application layer; In CoSS[®], the design for RF communication is optimized, which greatly simplifies product development processes. The model integrity is maintained, as well as the simplicity and stability of the protocol, providing a solid basis for the management and intellectualization of devices.

"CoSS[®] is a low-power wireless communication protocol based on star networks, featuring long transmission distance, strong anti-interference capability, low power consumption, low radiation, low cost, high stability, and high security. It is suitable for narrowband wireless data transmission ranging from 1kbps to 128kbps. CoSS[®] is suitable for wireless networking communication in complex environments, capable of achieving multi-protocol compatibility, and has high application value in areas such as the Internet of Things, device automatic control, remote control, and smart homes."



Long Distance

Transmission of 800 meters



Low Power Consumption

Device battery life can last up to 10 years



High Stability

Telecom-level communication standard



Low Radiation

1/100,000 of the radiation from a cellphone



Large Capacity

Support up to 500 sub-devices



High Security

Restricted access and multiple encryption

CoSS®

Implementation Method

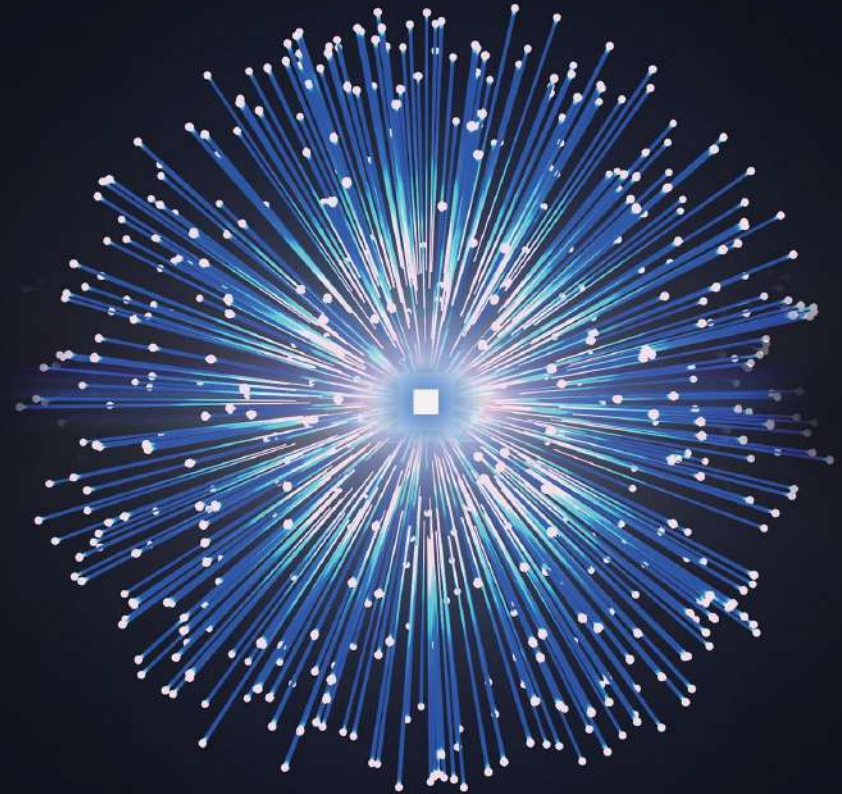
The CoSS® protocol primarily handles the information reporting and command dispatching of terminal devices. The protocol standardizes data and communication formats, mainly for point-to-point applications and star networks. In star networks, the smart center acts as the master device, with other smart devices serving as slave devices for communication.

The CoSS® protocol, through different physical layer encapsulations, can work on commonly used link methods such as serial port/RF/IP, and is suitable for multiple packet formats such as serial port, radio frequency, UDP, TCP, etc.






Point-to-Point Structure



CoSS Protocol Star Network Structure



Protocol Comparison

	 CoSS®	 zigbee	 Z-WAVE	 Bluetooth	 WiFi
Transmission Distance	100- 800meters	30-100meters	40-100meters	20-100meters	40meters
Wall Penetration	High (433-922Mhz)	Low (2.4Ghz Prone to Obstruction)	High (868-922Mhz)	Low (2.4Ghz Prone to Obstruction)	Low (2.4Ghz Prone to Obstruction)
Power consumption	Extremely Low	Low (Low Power Switch Control >250ua)	Low (1s Delay Time 50ua)	Low	High
Stability	High (Telecom-level communication standard)	High	Low	Low	Low
Capacity	High (Single Gateway Supports Hundreds of Devices)	High (Typically 30-100 in actual use)	High	High (8 Active +255 Sleeping)	Low
Bandwidth	Low (1kbps-128kpbs)	High (256kpbs)	Low (9.6kpbs/40kpbs)	High (1mbps)	Extremely High(>54mbps)
Radiation	Low (1/100,000 of the radiation from a cellphone)	Low (Momentary work)	Low (Momentary work)	Low (Momentary work)	High (Keep working)
Standardization	Private	Physical Layer Standard	Manufacturer Standard (Z-Wave Alliance)	Standard	Standard (Compatibility Issues between New and Old Devices)
Cost	Medium-High	Medium-High	High	Medium-High	Medium-High
Applied to	Small or Medium Data Control	Small or Medium Data Transmission	Small Data Transmission	Medium Data Transmission	Large Data Transmission
Configuration	Easy	Easy	Easy	Easy	Difficult (Numerous Exceptions)
Reliability	High	High	High	High	High



Visual Intelligent Scene Editor

LifeSmart AI Builder is an intelligent editor that supports any combination of conditions and any device action execution, with support for both graphical and list mode editing. For example, to achieve an intelligent scenario such as 'turning on the lights and air conditioning during working hours, automatically adjusting to nap lighting at lunchtime, and turning off the lights and air conditioning after work or on holidays,' multiple intelligences would typically need to be created. However, with LifeSmart AI Builder, you only need to create one intelligence to realize this kind of complex logic with multiple conditions, ensuring stable operation.

Novice Users

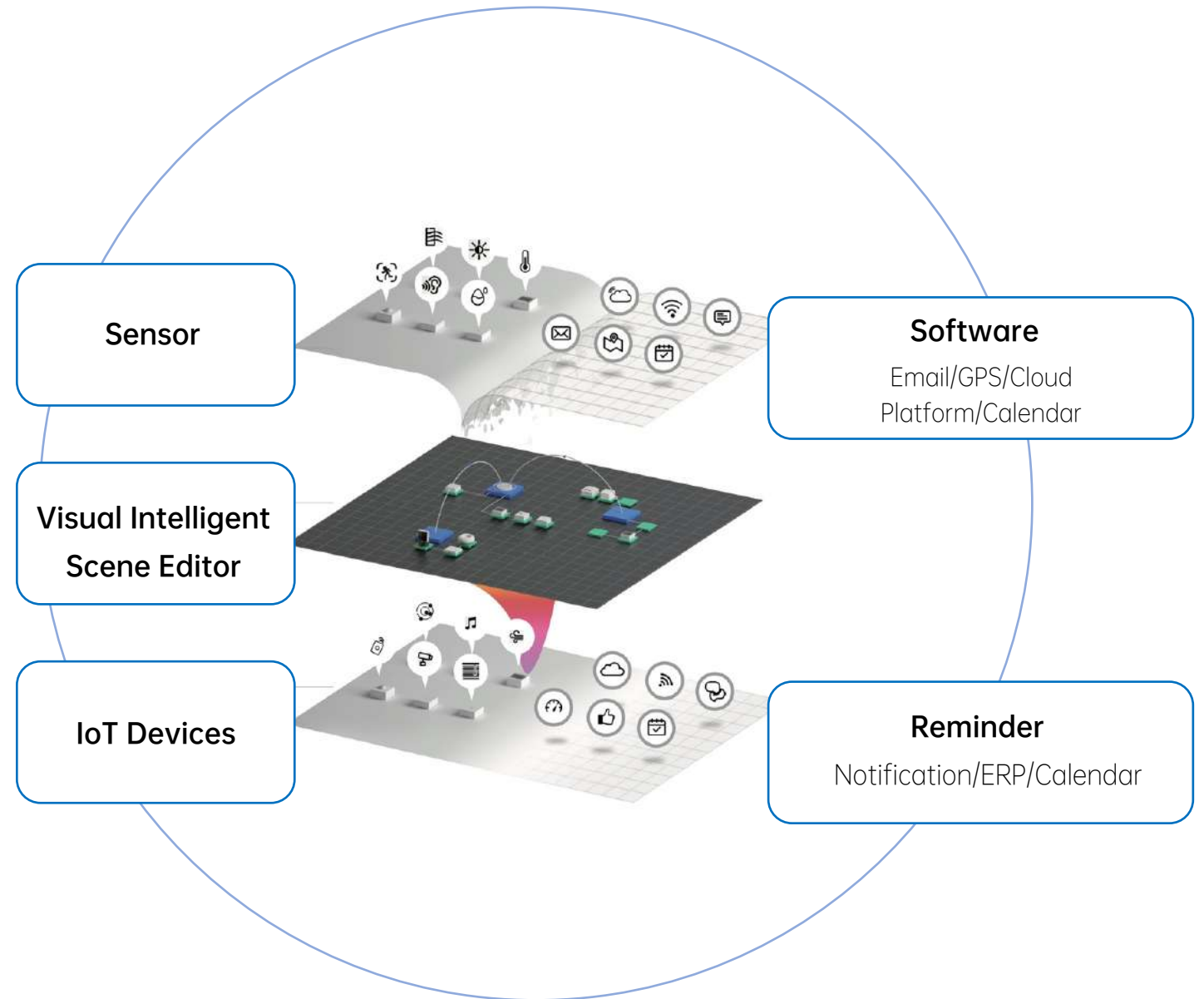
LifeSmart AI Builder provides a scene intelligence template library operated by professional engineers for over 10 years, offering users a more convenient intelligent experience. This includes templates for real-time environmental data detection and alerts, movement photography, night light activation, home/away modes, daily color change, and one-click arming/disarming.

Engineers/Installers

Based on the intelligent template library, those with certain learning abilities are supported to actively create their own intelligence. Based on various user usage scenarios, there's no need for custom software development. Users can edit their own automation intelligence through a graphical panel and choose between local deployment and cloud deployment.

Professional Developers

Through machine learning and deep learning, it automatically recommends intelligent scenarios to different users, and simultaneously possesses the ability to learn over the long term and acquire new artificial intelligence empowerment.



EcoLink

LifeSmart EcoLink Platform



Data Visualization

Based on EcoLink platform, the system applies multiple AIoT and cloud technology to integrate information of people, objects, space, time, environment, etc. EcoLink presents the above information with an intuitive way such as using dashboards or maps. Based on these data, you can have better understanding of your asset and maximize the operation efficiency.



Open Platform

EcoLink is an open cloud IoT platform. We can integrate different protocol IoT devices such as BLE/Zigbee/Z-wave, etc. And also we support platform level integration with Open API.



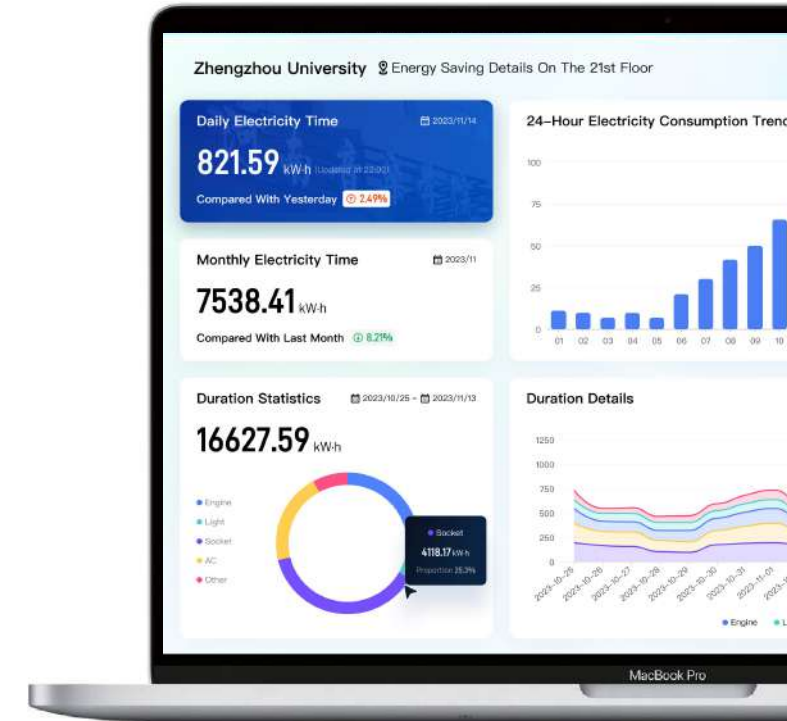
Energy Management

Through EcoLink platform, you can quickly and easily check the energy consumption of the entire project. You can view energy consumption data by various dimensions, including by equipment type, by space type, or by department, etc. In addition, based on the EcoLink platform, we can set different energy-saving strategies to help you reduce costs. We have helped factories save more than 40% of energy in actual projects.



Quick Implementation

We provide multiple implementation methods including public cloud SaaS implementation, hybrid cloud implementation and private cloud implementation.





Control Center

Smart Station

Center of the smart home ecosystem and make all the devices work seamlessly
Supports three major overseas intelligent voice platforms. It supports AI Builder and can be run offline intelligently.



DEFED Smart Station

Supports 4G/5G, works continuously without internet connection

Backup battery life up to 18h

CoSS, ZigBee, BLE, Wi-fi, Z-Wave(optional), 2G/3G/4G/5G/(optional),

PoE/DC 12V/backup battery three kinds of power supply methods

Supports wall and ceiling mounting

Supports tamper protection



Smart Station



Supports HomeKit

Works continuously without internet connection

400m wireless signal distance

LifeSmart

DEFED Smart Station

7/24 Monitoring | Battery Backup Support,
Power Outage Availability | Long Transmission
Distance | Long Endurance | 4G Communication
Module is Supported by Default





Up to six wireless communication protocols

CoSS Protocol
Communication of Smart Star



ZIGBEE **WIFI** **GSM**

OTA



18h



Available for up to 18 hours after the power is cut off

Multiple power supply



PoE

LED indicator



Tamper protection



400m

Up to 400m wireless signal transmission



DC 12V



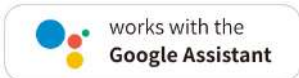
Battery

2.4G **5G**

Dual band Wi-Fi model
2.4G and 5G

5G

DEFED Smart Station



General

Model Number	LS205WH
Installation	Wall mount, or plug and play
Operating Temperature	-5~45°C
Operating Humidity	5~90%
LED Indicator	Yes
Static Power Consumption	<2.5W
Interface	DC +, RJ45
Backup Battery	18650 battery*2 (not included in the box)
Button	Power button, tamper protection button
Power Supply	DC 12V / 48V PoE / Battery Backup*2

Radio

Radio Protocol	CoSS, Wi-Fi, Zigbee, 4G, Z-Wave(optional) , Bluetooth(optional)
Signal Range(Open Field)	400m (CoSS/Open Field)

Construction

Color	White
Dimension	170*170*37mm
Casing	ABS+PC
Net Weight(With Battery)	452g
Gross Weight(With Battery)	395g

Smart Station



Introduction

Center of the smart home ecosystem and make all the devices work seamlessly. It supports remote control, data management and intelligent AI Builder, etc., and is easy to cover homes, apartments, hotel rooms.

General

Model Number	LS082WH
Installation	Plug and play
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Static Power Consumption	<2.5W
Interface	DC +, RJ45
Power Supply	DC 5V

Construction

Color	White
Dimension	110.8*110.8*28mm
Casing	ABS
Weight	120g

Radio

Radio Protocol	CoSS, Zigbee
Signal Range(Open Field)	400m (CoSS/Open Field)

Smart Interaction

Full-size panel solution, reliable manufacturing process,
rich product selection



Nature Mini PRO



Nature Mini PRO
(Thermostat)



Nature Mini L



Nature Mini PRO (PoE)



Nature X PRO



Nature Switch (Heavy Duty)



Nature 7 PRO



Nature

LifeSmart

Nature X PRO

Super Gateway | Environmental indicators

Desktop Control Center for Family, Work, and Entertainment

Connect more than LifeSmart | Works With Tesla



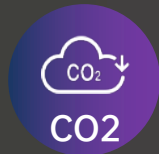
Super Gateway



CoSS[®]

zigbee

Environmental indicators



Works With Tesla



Connect more than LifeSmart



Desktop Control Center for Family, Work, and Entertainment



Nature X PRO



General

Model Number	LS280-AQ
CPU	Quad-core Cortex-A7
Screen	1.39" AMOLED
Resolution	454*454
Wiring	Type C
Power Supply	DC 5V 2A
Sensor	Temperature sensor, Humidity sensor, CO2 sensor, PM2.5 sensor
Microphone	Yes
Speaker	Yes

Radio

Radio Protocol	CoSS, Wi-Fi, Zigbee
Signal Range(Open Field)	200m (CoSS)

Construction

Color	Black
Dimension	143*112*98mm
Casing	ABS + Zinc alloy
Weight	900g



Nature

Smart Home Interaction Center | Support Video Intercom

10.25" High Definition Touch Screen | Customizable Physical Buttons

1.8GHz 4 Core CPU, Mali-G52 GPU, Support 0.8T Computing Power | 8GB Flash, 2GB RAM





Support video intercom



Metal frame



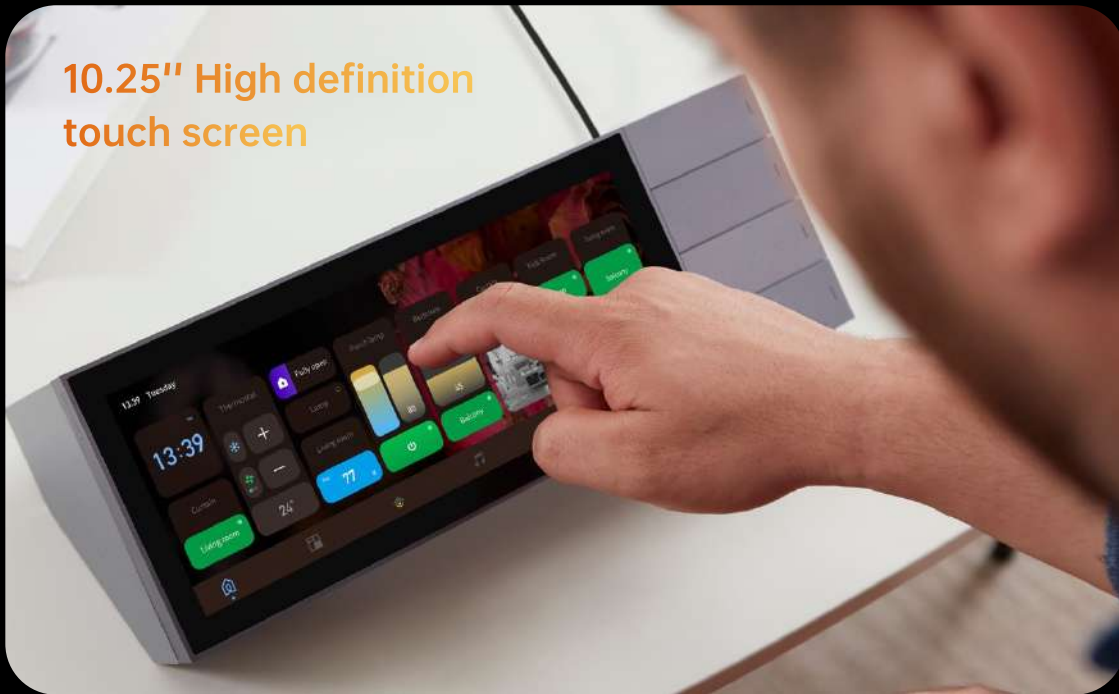
Anodizing aviation aluminium materials



Customizable physical scene buttons



10.25" High definition touch screen



Nature OS Born to Nature

Simple and natural interaction, each family member can easily grasp



Nature



Construction

Color	Matte grey
Dimension	Exposed dimension: 342*122*16.3mm Backbox dimension: 335*114*70mm
Casing	Aircraft aluminum
Weight	1260g(panel only)

General

Model Number	LS148
Operation System	Android 11
Screen	10.25 inch , 1920×720
CPU	4 Core ARM
RAM	2GB
Interaction	Touch screen /customizable physical scene buttons
Interface	Ethernet RJ45 10M/100M, USB Security interface(optional)
Power Supply	AC 100-240 , POE48V (Optional 12V)

Radio

Radio Protocol	Wi-Fi
----------------	-------

Nature 7 PRO

1.8GHz 4 Core CPU, Mali-G52 GPU, Support 0.8T Computing Power |
8GB Flash, 2GB RAM | Multiple Radio Protocol: Wi-Fi, Zigbee, CoSS |
7-inch, 1240*600P IPS HD Screen | AF Coating | PoE Power Supply



Smart home control center

Connect all the devices in your home and manage the six smart home systems efficiently, even with a large number of devices.

Customizable physical scene



Physical buttons



Powerful performance for smooth and silky control

1.8GHz quad-core 64-bit Cortex-A55 application

7-inch IPS HD screen



Nature OS
Born to Nature

Nature 7 PRO



Construction

Color	Matte grey
Dimension	249*113*28.6mm (Exposed dimension: 16mm)
Casing	flame retardent PC、Metal (installing support part)
Weight	410g

General

Model Number	LS227
Operation System	Android 11
Screen	7-inch, 1240*600P (AF coating)
CPU	4 Core ARM
RAM	2GB
Interaction	Touch screen /customizable physical scene buttons
Interface	Ethernet RJ45×1 100M ,Extension(1+8way sense,RS485)
Power Supply	DC12V, POE 48V
Installation	86 type bottom box
Own gateway	✓

Radio

Radio Protocol	Wi-Fi, CoSS, Zigbee
Signal Range(Open Field)	200m (CoSS)

Nature Mini PRO

Anti-Fingerprint HD Full-color Touch Screen | Multi-protocol
Wireless Transmission Protocol | 5G+2.4g Dual-band Wi-Fi |
Reddot Award Best of the Best | Ultra-Low Power Consumption

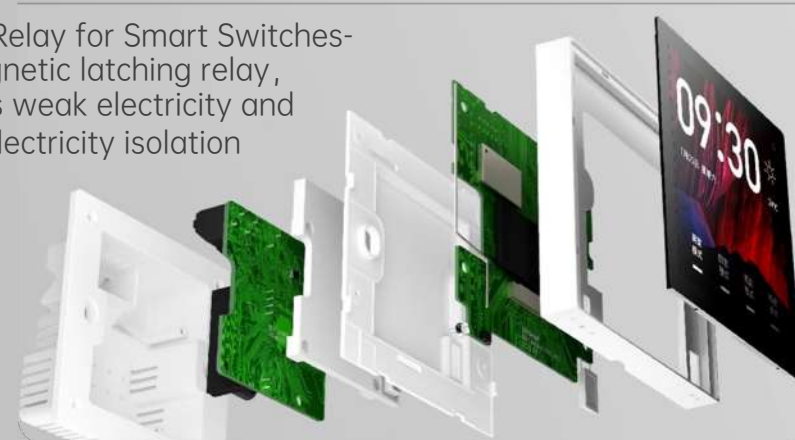


Reddot Award Best of the Best



Professional Material Selection

Special Relay for Smart Switches-
16A magnetic latching relay,
supports weak electricity and
strong electricity isolation



Low Power Consumption Screen

Ultra-low power processor embedded low power
consumption system



Multi-Protocol Wireless Transmission Protocol

5GHz+2.4GHz dual-band Wi-Fi, the transmission speed is triple times
than 2.4GHz Wi-Fi, the coverage of CoSS is expanded by more stable
connection, supports Zigbee, BLE protocol for connecting more third-
party devices.

Nature Mini PRO



Supported as a switch subdevice



General

Model Number	LS268
Wiring	Live/Neutral/Light1/Light2/Light3 wire in
Speaker	✓
Microphone	✓
Temperature And Humidity Sensors	✓
Own Gateway	✓
Supported Devices	500
Work Without Apps	✓
Power Supply	AC 100-240V 50/60Hz
Installation	86 type bottom box

Radio

Radio Protocol	CoSS, Wi-Fi, Zigbee
Range(Open Field)	200m (CoSS)

Construction

Color	White/Gray
Dimension	Outside the wall:86*86*11mm Whole product:86*86*36mm
Casing	Bottom Cover: PC, Top Cover: ABS+PC

Nature Mini PRO (PoE)



Introduction

Nature Mini PRO (PoE) reinvents the smart home control panel with a full screen, edge to edge touch pad, with PoE power supply, Users are able to control various types of smart equipment at home .

Highlights

- Stable Network: Support RJ45 interface for stable network connection
- Works as A Gateway: One panel for the whole room smart devices
- Low Power Consumption Screen: Designed with low-power OS, chip, and protocol
- PoE Power Supply: supports power supply options including DC 12V and PoE 48V

Construction

Color	White/Gray
Dimension	Outside the wall:86*86*11mm Whole product:86*86*36mm
Casing	Bottom Cover: PC, Top Cover: ABS+PC

General

Model Number	LS268-WP1/GP1
Wiring	PoE, DC power
Speaker	✓
Microphone	✓
Temperature And Humidity Sensors	✓
Own Gateway	✓
Supported Devices	500
Work Without Apps	✓
Power Supply	AC 100-240V 50/60Hz
Installation	86 type bottom box

Radio

Radio Protocol	CoSS, Wi-Fi, Zigbee
Range(Open Field)	200m (CoSS)

Nature Mini PRO

(Thermostat)



Supported work as a switch subdevice



Introduction

Nature Mini PRO (Thermostat) applicable to the system of central air-conditioner and floor heating two-in-one . It can also work as a gateway and a smart home control panel.

Highlights

- 6 thermostat working modes: Fan coil and water floor heating mode/single fan coil mode/dual fan coil mode/water floor heating mode/ ventilation mode/ventilation and water floor heating mode.
- Intelligent control:combined with temperature and humidity sensors, intelligent temperature control system
- Energy saving: timing switch, timely temperature adjustment, save electricity costs
- Remote control: remote control switch, adjust the temperature and mode, give family a safe and comfortable guard

Construction

Color	White/Gray
Dimension	Outside the wall:86*86*11mm Whole product:86*86*36mm
Casing	Bottom Cover: PC, Top Cover: ABS+PC

General

Model Number	LS268-GT1/WT1
Wiring	L, N, Low, Mid, High, V1, V2
Speaker	✓
Microphone	✓
Temperature And Humidity Sensors	✓
Own Gateway	✓
Supported Devices	500
Work Without Apps	✓
Power Supply	AC 100-240V 50/60Hz
Installation	86 type bottom box

Radio

Radio Protocol	CoSS, Wi-Fi, Zigbee
Range(Open Field)	200m (CoSS)



Nature Mini L

Unique 120 smart home
control panel

2.4GHz+5GHz Dual-band Wi-Fi | Zigbee+CoSS Gateways |
Supports Horizontal and Vertical Screen |

Nature Mini L



Supported as a switch subdevice



Introduction

Multi-functional home intelligent control panel, using high definition 4 inch screen, to provide you with a broad visual space and comfortable interactive experience. Users are able to control various types of smart equipment at home, switching between modes including Away, Sleep, Film, and Dining.

Construction

Color	White
Dimension	Outside the wall:120*70*11mm Whole product:120*70*36.5mm
Casing	Flame-retardent PC
Weight	141g (1 way) 、 153g (2 way) 、 165g (3 way)

General

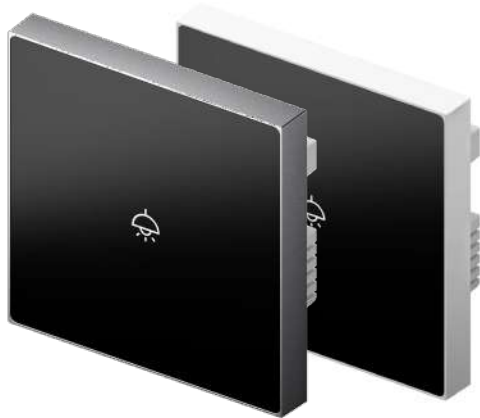
Model Number	LS218-WH1/WH2/WH3
Installation	Standard 120 bottom box
Screen	4 inch
Operation System	Linux
Wiring	L N L1 L2 L3
Resolution	480*800
Operating Humidity	5~90%
Operating Temperature	-5~45°C
Power Supply	AC 100-240V 50/60Hz

Radio

Radio Protocol	CoSS、 Zigbee、 Wi-Fi
Range(Open Field)	200m (CoSS)

Nature Switch

(Heavy Duty)



Introduction

LifeSmart's Nature Switch(Heavy Duty) is a smart switch designed to control high power machine or device. It uses the high-power latching relay that can withstand high current and control the live and neutral loop connect or disconnect at the same time.

Construction

Color	White/Gray Frame Black Glass
Dimension	Outside the wall:86*86*11mm Whole product:86*86*36mm
Casing	Flame Retardant PC

General

Model Number	LS220-GRH
Wiring	Lin, Lout, Nin, Nout, Earth;
Installation	86 type bottom box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Indicator	Customizable RGB LED icon
Power Supply	AC 100-240V~ 20A

Radio

Radio Protocol	CoSS
Range(Open Field)	200m

A collection of various smart lighting fixtures, including square and rectangular panels in different colors (red, beige, grey, black) and shapes, arranged in a grid pattern. Some fixtures feature glowing blue symbols like lines, crosses, and circles. The text "Smart Lighting" is overlaid in the center.

Smart Lighting

Smart Switch

professional material selection, stable intelligent single fire technology, reliable manufacturing process, rich product selection



BLEND Switch PRO(MATTE)



BLEND Switch PRO



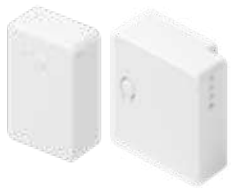
Nature Switch



Nature Switch (MATTE)



Nature Dimmer (0-10V)



CUBE Switch Module/PRO



CUBE Clicker



Polar Switch



Dimmer & Motion
Sensor Switch



Nature Switch Scene Panel

LifeSmart

BLEND Switch PRO

The smart switch with LED strip, give you a cool experience



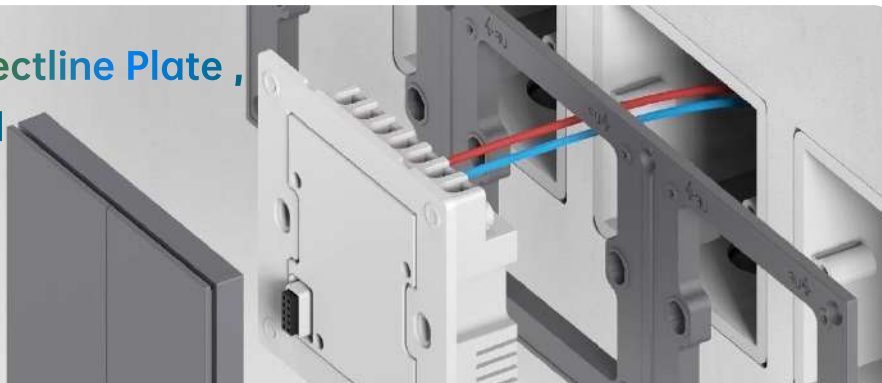
DIY Light Magic Color Indicator Tape |
Frosted Texture Cover | More Perfect Frame

Classic appearance
Won three global
design awards



reddot
2022

With the Perfectline Plate,
easy to install



Switch intelligent control

Traditional switch intelligence can
be realized without modification or
additional circuits



Remote control

Whenever and anywhere,
arbitrary control



Two-color optional

White and gray dual color
is available,
Frosted surface, light
luxury touch feeling



Quality material
selection, quality
assurance



Battery SL™ Single fire technology

Independent work does not rely
on external power supply, and
is suitable for single fire and
zero fire lines



BLEND Switch PRO



General

Model Number	LS240-WH1/2/3、LS240-GR1/2/3
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Consumption	<0.6W
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Power Supply	AC 100-240V 50/60Hz

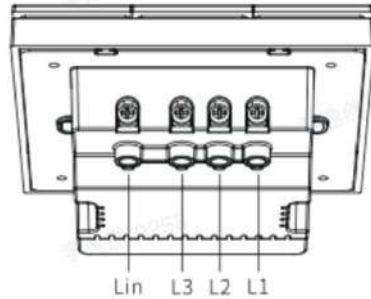
Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction

Color	White/ Gray
Dimension	86*86*36mm
Casing	Bottom Cover:PC,Top Cover:ABS+PC

BLEND Switch PRO -No Neutral



General

Model Number	LS240-LW1/2/3、LS240-LG1/2/3
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Consumption	<0.1mW
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Power Supply	AC 90-250V~50/60Hz or DC 5-30V
Battery Type	CR123A

Radio

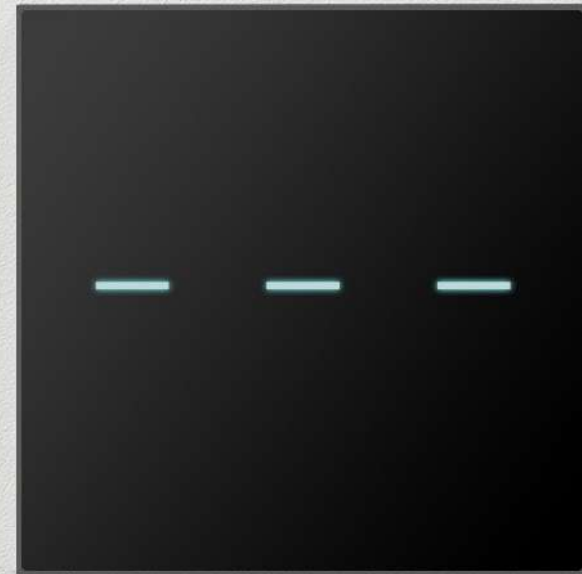
Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction

Color	White/ Gray
Dimension	86*86*36mm
Casing	Bottom Cover:PC,Top Cover:ABS+PC

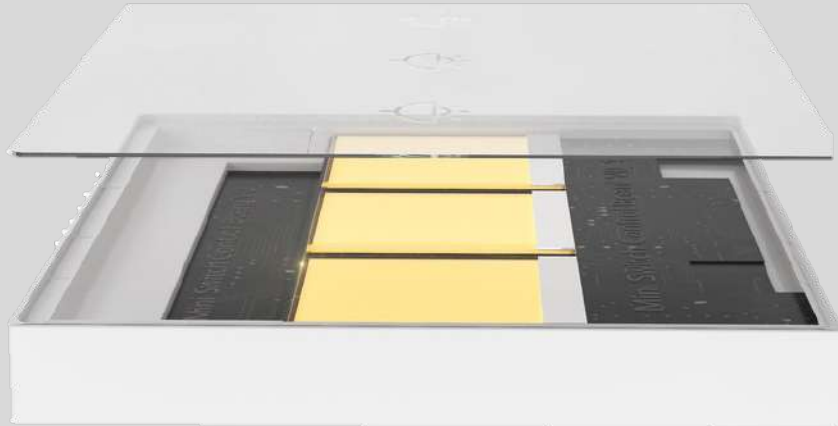
Nature Switch

Match with Nature Mini | Tempered Glass Surface |
Touch Pro™ Technology:



Touch Pro™ technology

Create the ultimate touch experience



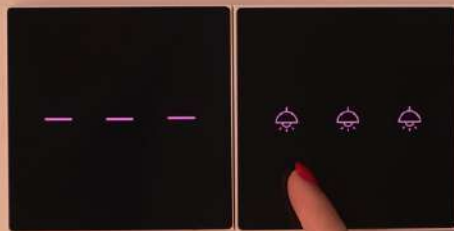
Modernist classics

Super power panel perfect switch, collect all the design awards of Nature series designers to create



Dazzle color backlit LED

No need to open the light in the dark, to color your switch freely



Steellated glass surface

Wear resistant
and easy to clean
Home decoration switch
worry-free choice



Nature Switch



General

Model Number	LS220-WW1/2/3、LS220-WH1/2/3
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Consumption	<0.6W
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Power Supply	AC 100-240V 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction

Color	White/ Black
Dimension	86*86*36mm
Casing	Bottom cover: PC, top cover: ABS+PC, front panel: glass

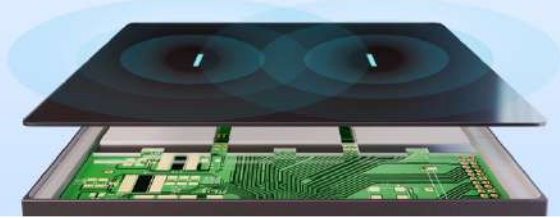
Nature Switch (MATTE)

Modernist Classic Appearance | LED Backlight, Firefly Light |
Touch Pro™ Technology, Millisecond Level Top Speed Response



Touch Pro™ technology

Create the ultimate touch experience



Nature Switch (MATTE)

Trigger · Dream of the home



Compatible with
the HomeKit

Of 1.5 billion Apple users



The Global Design Awards Grand Slam

Modernist classics



German Red Dot
Award 2021



German iF Design
Award 2021



GOOD DESIGN
2021



Contemporary
Good Design 2021

Dazzling LED

Color for life freedom



Hamlet™

Custom Services

Give you ten thousand
options of switches



AG glass panel

G3000 process grade, touch and upgrade



Nature Switch

(MATTE)



Construction

Color	White/ Black
Dimension	86*86*36mm
Casing	Bottom cover: PC, top cover: ABS+PC, front panel: glass

General

Model Number	LS220-CM1/2/3、LS220-WM1/2/3
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45℃
Operating Humidity	5~90%
Power Consumption	<0.6W
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Power Supply	AC 100-240V 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

BLEND Switch PRO (MATTE)

The smart switch with LED light, give you a cool experience.

Large and Flat Panel |

Strength Rebound™ Technology, Can't Help

But Press More |

Apple MacBook Equal Anodized Process



Apple computers make the same process

MacBook The same anodic oxidation process, after CNC, metal sandblasting dozens of processes of casting



No box flat
Big board to simple



Microporous light transmission technology

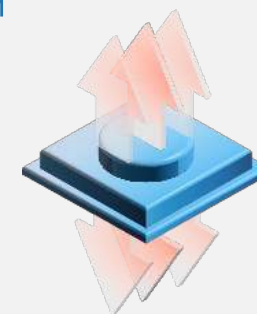
Self-developed CoSS protocol

Break through metal shackles



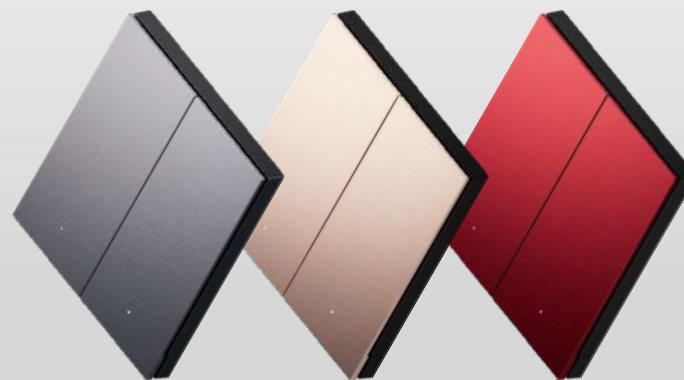
Return touch control™ technology

Elastic silicone, light rebound



BLEND Switch PRO

A variety of choices



Compatible with the HomeKit

Of 1.5 billion Apple users



BLEND Switch PRO(MATTE)



Construction

Color	Black/ Golden/ Red
Dimension	86*86*36mm
Casing	Metal

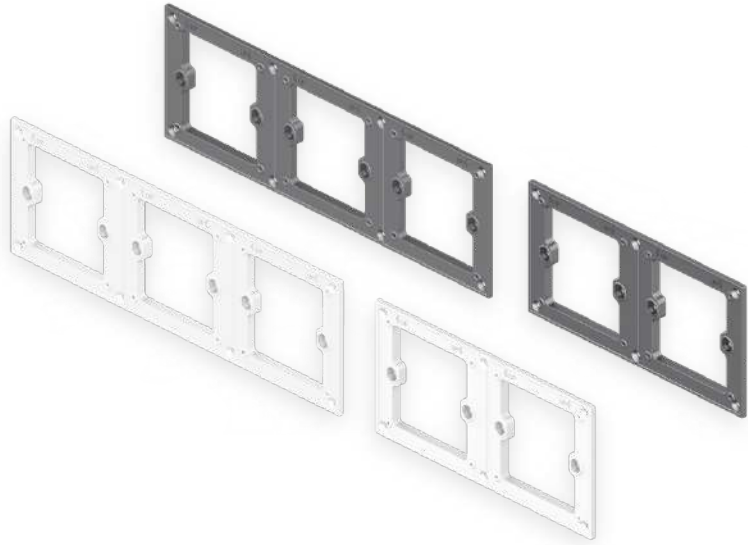
General

Model Number	LS240-MA1/2/3、LS240-MD1/2/3、LS240-MR1/2/3
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Consumption	<0.6W
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Power Supply	AC 100-240V 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Perfectline Plate



Introduction

Make the multi-link switch side by side installation more easy, more convenient, through the LifeSmart **Perfectline Plate**, to create a perfect wall switch straight line.

General

Model Number	LS930-(WH2/WH3/GR2/GR3)
Specifications	Two, three
Dvice Fixing Screw	KM2*6
Self-tapping Screw Hole	φ3mm x 90° The hole
Operative Norm	GB/T17466.1
Adapted Models	Nature Mini LS228/LS248/LS268 series Nature Switch LS220 series Blend Switch PRO/Lite LS230/LS240 series More models may be supported
Accessories	Install screw package (2 packs, 3 packs), several grounding screws, instructions

Construction

Color	White/Gray
Dimension	Triple 258 * 86mm, secondary 172 * 86mm, The overall thickness is 12mm, and the exposed wall thickness is 3mm
Casing	Zinc alloy

Nature Switch Scene Panel



Introduction

Trigger · change a dreamer.

Nature Switch Scene Panel uses glass panel to replace the traditional plastic panel, which the switch operation and execute the intelligent scene.

Highlight

- Perfect touch, delicate and smooth
- Touch Pro™ Technology, millisecond level top speed response. Even in a water mist environment, they also convey accurate instructions
- LED backlight support custom 16 million backlight color. Support often bright, flashing, light and other hundreds of fun play light effect.

Construction

Color	Black/ Grey/ White
Dimension	86*86*36mm
Casing	Bottom cover: PC, top cover: ABS+PC, front panel: glass

General

Model Number	LS220-WM6、LS220-GM6
Installation	In-wall concealed with 86 back box
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Operating Humidity	-5~45°C
Operating Temperature	5~90%
Power Consumption	<1mW
Power Supply	AC 100-240V ~ 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Nature Dimmer

(0-10V)



Introduction

Touch the love, spin a good light.

Nature Dimmer switch selection of ultra-thin high fog AG tempered glass, after CNC, ultrasonic, toughened, electroplating, film mulching and other dozens of process grinding, in line with the G3000 process grade, finally hazy fog texture.

Highlight

- No damping knob, gorgeous out of your beauty
- With iPhone15 back glass the same touch feel, touch instant brings graceful feel
- Four additional touch keys are prefabricated to set a quick dimming scene, or one key to execute a custom smart scene

Construction

Color	White/Grey framed Black glass
Dimension	86 * 86 * 53mm
Casing	Panel: AG glass, Top cover: ABS + PC, Base: PC, Knob: aluminum alloy anodized

General

Model Number	LS220-DW2、LS220-DG2
Installation	In-wall concealed with 86 back box
Wiring	Live wire access, first line live wire exit, second line live wire exit, third line live wire exit
Maximum Overload	500W(L out)
Operating Humidity	5~90%
Operating Temperature	-5~45°C
Power Consumption	<0.6W
Power Supply	AC 100-240V ~ 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Dimmer & Motion Sensor Switch



Introduction

LifeSmart Dimmer switch, the light control and dynamic induction function into one, can be controlled by detecting the dynamic and light intensity linkage lamp switch.

Highlight

- Support the precise control of 0~100% brightness
- Light control combined with dynamic induction, light induction function, people to turn on the light, people walk the light out, dark turn on the light

Construction

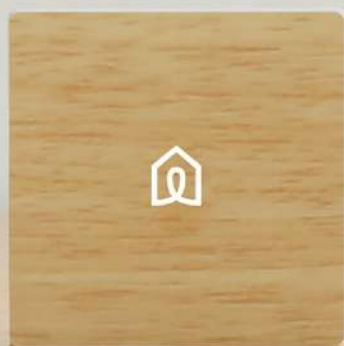
Color	White
Dimension	120*70*47mm
Casing	PC/ABS+PC

General

Model Number	LS174
Installation	In-wall concealed with 120 back box
The Dimming Method	Silicone dimming
Maximum Overload	Inductive load 250W and capacitive load 200VA
Operating Humidity	5~90%
Operating Temperature	-5~45°C
Power Consumption	<1W
Power Supply	AC 100-240V ~ 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m



CUBE Clicker

A key Intelligent Scene Control |

Super Long Standby Time | A Variety of Intelligent Scenarios Free Switch

CUBE Clicker



Construction

Color	White / Wood grain
Dimension	38.4*38.4*14.6mm
Casing	ABS+PC

General

Model Number	LS069WH/RD/WG
Key	Control button, matching button
Operating Humidity	5~90%
Operating Temperature	-5~45°C
Power Supply	Lithium battery CR2450,3V
Battery Life	Up to 2 years

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m

Introduction

LifeSmart Cube Clicker is a very useful button which can be attached nearly everywhere, a simple one-click action button can trigger a series actions in a space occupied with Smart Home devices. It gives you an easy access to your Smart Home without taking out your mobile device.

Polar Switch



Introduction

LifeSmart Polar Switch, including single live line version \null and live line version of two, can replace the traditional family ordinary 120 switch, easy to get intelligent life.

Highlight

- Flame-retardant and high-temperature resistant material, for the safety of electricity use escort
- Slightly matte matte surface, for the switch light with a smooth touch
- 16A magnetic retention relay, stable operation and anti-adhesion

Construction

Color	White
Dimension	35*70*120mm
Casing	Flame retardant high temperature PC and PC + ABS

General

Model Number	LS211	LS221 (N version)
Control Unit	16A, and the magnetic hold of the same time	
Maximum Overload	AC: single resistance load 500W, perceptual and tolerance load 200W; DC: 30V / 5A	
Operating Humidity	5~90%	
Operating Temperature	-5~45°C	
Power Consumption	<0.1mW	<0.6W (N version)
Power Supply	/	CR123A
Battery Life	/	Up to 3 years

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

CUBE Switch Module



Introduction

The CUBE Switch Module is installed behind the traditional switch. The action of the traditional switch module enables the intelligent control of light control, including remote operation, timing switch and linkage with other intelligent devices; the switch module is divided into two products: one and two.

Highlight

- Small body size, suitable for putting into a variety of narrow space interior
- The ordinary switch can be transformed into an intelligent switch without replacing the switch
- Adapt 80,86,120 and other specifications switch panels

Construction

Color	Ivory
Dimension	42*32*16mm
Casing	PC

General

Model Number	LS176 (1 way) / LS177 (2 way)
Control Unit	8A magnetic retention relay
Maximum Overload	Single-circuit resistance load: 300W Sensitive and capacitive load: 150W
Operating Humidity	5~90%
Operating Temperature	-5~45°C
Power Consumption	<0.3W
Power Supply	AC 100-240V 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m

CUBE Switch Module PRO



Introduction

Singularity switch module Pro, installed behind the traditional switch, the action of the traditional switch as the switch module to open and close the trigger, to realize the intelligent control of light control, including remote operation, timing switch, and linkage with other intelligent devices;

Highlight

- Small body size, suitable for putting into a variety of narrow space interior
- The ordinary switch can be transformed into an intelligent switch without replacing the switch
- For all 86-size switch panels

Construction

Color	Ivory
Dimension	42*32*22mm
Casing	PC

General

Model Number	LS193 (3 way)
Control Unit	16A magnetic retention relay
Maximum Overload	Single-circuit resistance load: 500W Sensitive and capacitive load: 200W
Operating Humidity	5~90%
Operating Temperature	-5~45°C
Power Consumption	<0.3W
Power Supply	AC 100-240V 50/60Hz

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m

Zigbee Card Power Switch



Introduction

K Series card access panel is an intelligent panel using Zigbee 3.0 wireless communication protocol. Adopt a stable null and live line power supply mode, which is more safe and reliable. Through the smart center, users can plug in the card, get power and scene linkage when using it.

Construction

Color	White
Dimension	86*86*45mm
Casing	V0 class flame retardant PC

General

Model Number	KK-CDP-Q01W
Wiring	L N L1
Support The Access Control Card Type	High-frequency access control card (13.56MHz)
Operating Humidity	85% RH, and no condensation
Operating Temperature	-10~50°C
Power Supply	220V~50Hz/40A

Radio

Radio Protocol	Zigbee 3.0
Signal Range(Open Field)	100m

Smart Lighting

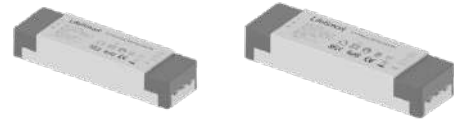
Infinitely dimmable intelligent whole-house lighting program, high-quality materials, ultra-high display index, multi-screen interaction, and intelligent scene control



Brightness and Color
Temperature
Dimmable Spotlight



Dimming Controller
(0-10V)



CT Dimming LED
Driver



CV Dimming LED
Driver



BLEND Light Strip
(24V)



Light Strip
Controller

LifeSmart

Ti Series

Anti-dazzle Round Downlight

Healthy and Intelligent Light



Without blue light hazard



UGR(Unified Glare Rating)<13



Intelligent lighting dimming



2700~6000K Color temperature electrodeless dimming



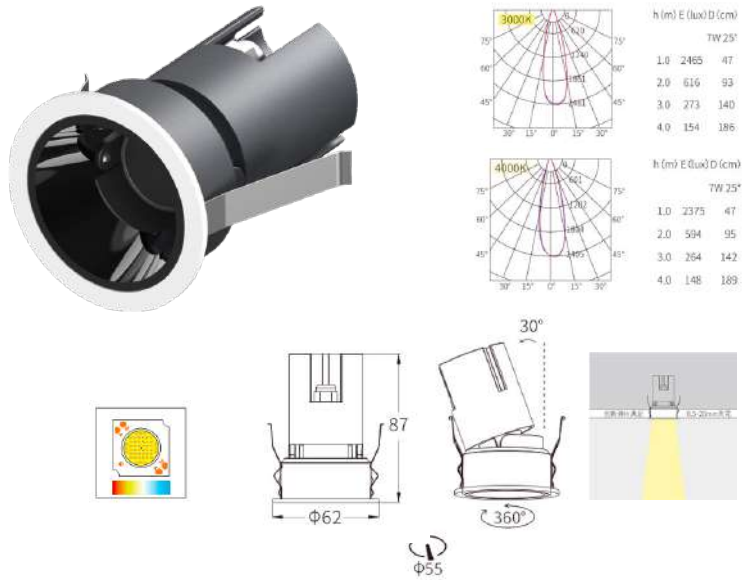
Without visible strobe light



First-class material



Ti_Anti-dazzle Round Downlight (55/7W)



Introduction

LifeSmart Ti Series high-end anti-dazzle ceiling spotlights, adopting aviation aluminum and international top COB CITIZEN chip. It is designed with simple, fashion and elegant appearance. The modular design makes it easy to install.

General

Model Number	HDL5507-CW
Color Temperature	2700K-6000K
Reflection Cup	Anti glaring cup
Power Consumption	7W
Beam Angle	16°、25°、36° (Customizable)
Luminous Flux	304~550lm
Color Rendering Index	≥92
Floor Height	2.5-3.2m
Swing Angle	30°
Installation	Ceiling mounted

Construction

Dimension	62×87mm
Cut Out	55mm
Casing	Aircraft aluminum radiator

Note▲: There is matching CT Dimming LED Driver included in the package

Ti_Anti-dazzle Round Downlight (75/12W)



Introduction

LifeSmart Ti Series high-end anti-dazzle ceiling spotlights, adopting aviation aluminum and international top COB CITIZEN chip. It is designed with simple, fashion and elegant appearance. The modular design makes it easy to install.

General

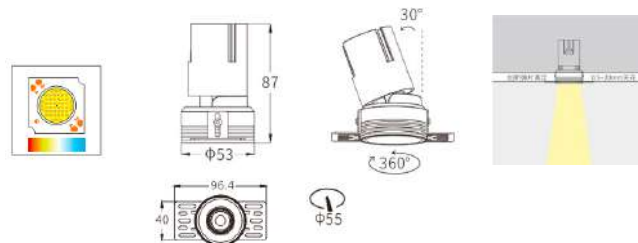
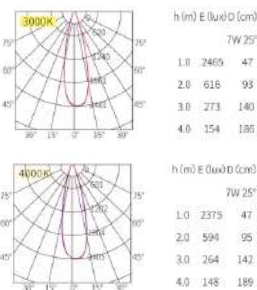
Model Number	HDL7512-CW
Color Temperature	2700K-6000K
Reflection Cup	Anti glaring cup
Power Consumption	12W
Beam Angle	16°、25°、36° (Customizable)
Luminous Flux	546~932lm
Color Rendering Index	≥ 92
Floor Height	2.5-3.2m
Swing Angle	30°
Installation	Ceiling mounted

Construction

Dimension	83×93mm
Cut Out	75mm
Casing	Aircraft aluminum radiator

Note⚠️: There is matching CT Dimming LED Driver included in the package

Ti Anti-dazzle Trimless Round Downlight(55/7W)



Introduction

LifeSmart Ti Series high-end anti-dazzle ceiling spotlights, adopting aviation aluminum and international top COB CITIZEN chip. It is designed with simple, fashion and elegant appearance. The modular design makes it easy to install.

General

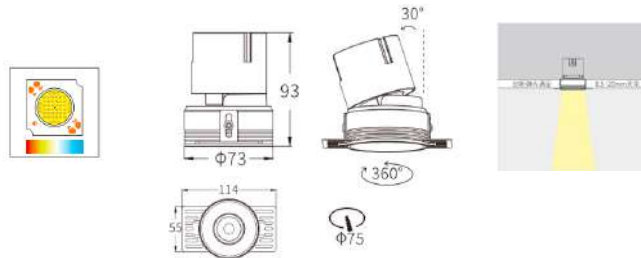
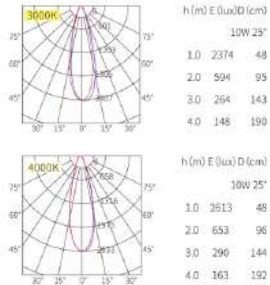
Model Number	HDL5507-TR-CW
Color Temperature	2700K-6000K
Reflection Cup	Anti glaring cup
Power Consumption	7W
Beam Angle	16°、25°、36° (Customizable)
Luminous Flux	304~550lm
Color Rendering Index	≥92
Floor Height	2.5-3.2m
Swing Angle	30°
Installation	Ceiling mounted

Construction

Dimension	53×87mm
Cut Out	55mm
Casing	Aircraft aluminum radiator

Note⚠️: There is matching CT Dimming LED Driver included in the package

Ti_Anti-dazzle Trimless Round Downlight(75/12W)



Introduction

LifeSmart Ti Series high-end anti-dazzle ceiling spotlights, adopting aviation aluminum and international top COB CITIZEN chip. It is designed with simple, fashion and elegant appearance. The modular design makes it easy to install.

General

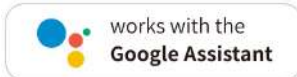
Model Number	HDL7512-TR-CW
Color Temperature	2700K-6000K
Reflection Cup	Anti glaring cup
Power Consumption	12W
Beam Angle	16°、25°、36° (Customizable)
Luminous Flux	546~932lm
Color Rendering Index	≥92
Floor Height	2.5-3.2m
Swing Angle	30°
Installation	Ceiling mounted

Construction

Dimension	73×93mm
Cut Out	75mm
Casing	Aircraft aluminum radiator

Note⚠️: There is matching CT Dimming LED Driver included in the package

Two Channel Dimmer Controller (0-10V)



Introduction

LifeSmart's Two Channel Dimmer Controller(0-10V) can form a complete dimming and color temperature solution with LifeSmart Smart Station, 0-10V dimming light and the driving. Users can adjust light brightness and color temperature on LifeSmart APP.

Highlights

- Adjust brightness and color temperature
- Soft switch, natural transition
- It can be controlled by LifeSmart app and Nature Mini
- Control multiple 0-10V power drives at the same time
- Multiple pairing methods: Long-press pairing button, 5 times power on/off

General

Model Number	LS255
Power Supply	AC 100-250V 50/60Hz
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Static Power Consumption	<1w
Maximum Electric Current	100mA

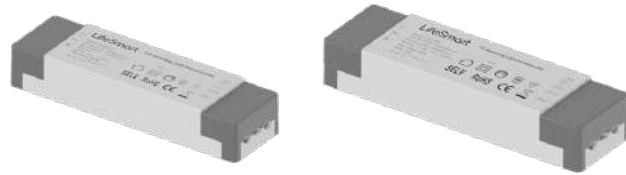
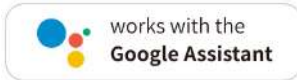
Construction

Color	White
Dimension	150.5*40*28mm
Casing	PC
Weight	74g

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m (Open Field)

CT Dimming LED Driver (CoSS)



Introduction

CT Dimming LED Driver (CoSS) is designed with a built-in CoSS module for wireless transmission, and adopts industry-leading PWM induction dimming technology. The driver is used with dual-color temperature lamps.

Highlights

- Built-in CoSS module, easy to realize the dimming and color temperature adjustment
- Multiple pairing methods: Long-press pairing button, 5 times power on/off
- PWM induction dimming technology, one ten-thousandth of the depth of dimming
- 0-100% dimming range, bipolar PFC process, without video flash
- Adopting industrial grade high-frequency low-resistance capacitors, stable and reliable. The service life up to 50,000 hours.

General

Model Number	LS261A7	LS261A12
Power Supply	AC 100-250V 50/60Hz	
Operating Temperature	ta: -20~45°C tc: 85°C	
Power Factor	PF0.95	
Frequency Range	50/60Hz	
Power Consumption	7W (Max8W)	12W (Max13W)
Output Current	170mA (Max)	280mA (Max)

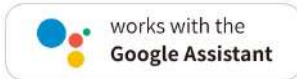
Construction

Color	White+Gray	
Dimension	116×30×21mm	130×37×22.5mm
Casing	PC	

Radio

Radio Protocol	CoSS	
Signal Range(Open Field)	100m (Open Field)	

CV Dimming LED Driver (CoSS)



Introduction

LifeSmart CV Dimming LED Driver(CoSS) is a 24V constant voltage smart driver used as a dimming power source for dual color temperature 24V strip and magnetic track light systems. Through mobile APP, panel, voice and other ways, you can turn on/off the lamps and adjust the brightness and color temperature of the lamps anytime and anywhere.

Highlights

- Built-in CoSS module, easy to realize the dimming and color temperature adjustment
- Multiple pairing methods: Long-press pairing button, 5 times power on/off
- PWM induction dimming technology, one ten-thousandth of the depth of dimming
- 0-100% dimming range, bipolar PFC process, without video flash
- Adopting industrial grade high-frequency low-resistance capacitors, stable and reliable. The service life up to 50,000 hours.

General

Model Number	LS262A15
Power Supply	AC 220V 50/60Hz
Operating Temperature	ta: -20~45°C tc: 85°C
Output Voltage	DC 24V
Power Consumption	Max.150W
Output Current	Max.6.25A
Power Factor	PF0.98

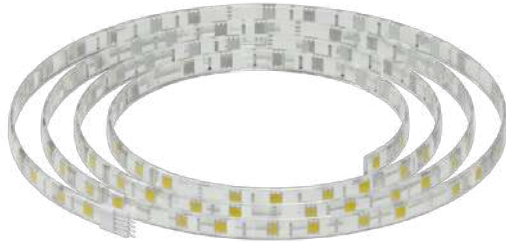
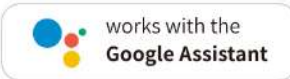
Construction

Color	Silver
Dimension	317*37*27mm
Casing	Aluminum

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m (Open Field)

BLEND Light Strip (24V)



Introduction

A perfect 16 million colors lighting strip with adjustable brightness and preset modes to provide different atmospheres.

Highlights

- 16 Million Color
- A variety of dynamic color effects
- Low Power Consumption LED Technology
- Strong flexibility, the use of PVC gel can be bent 30,000 times, easy to modeling
- Free length customization, can be cut by every 10cm, to solve the cutting needs

General

Model Number	LS065
LED Color	16 Million Color+White
Number Of Lamp Beads	60 pcs/m
Luminous Flux	360lm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 24V
Power Consumption	<12W/m

Construction

Board Width	12mm
Package	2 m/roll

Note ⚠️: It should be used with Light Strip Controller, or purchase the BLEND Light Strip Kit

Light Strip Controller



Introduction

It can connect the light strip by PWM dimming technology, to for brightness and color temperature dimming, to realize the control operation of turning on and off the light strip, adjusting the brightness and color temperature.

Highlights

- 0-100% dimming range
- Multiple remotely control methods via mobile app, Nature series, voice, etc.
- Optional colorful (rgbw) mode or warm/cold white mode to control third-party light strips.

General

Model Number	LS012
Power Supply	DC 12V or DC 24V
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Static Power Consumption	<1.5W
Output Current	Max. 5A (Divided into 2 outputs, each Max.2.5A)

Construction

Color	White
Dimension	83.6*47*22.3 mm
Casing	PC

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m (Open Field)

Home Security



Home Security

Home Security products cover smart door locks, smart cameras, smart sensing equipment
All-round protection of home security



Smart Doorlock
C200



Outdoor
Camera



Indoor Camera
(4mp)



Indoor
Camera



Environmental
Sensor (CO₂)



Household Gas
Detector (ZigBee)



DEFED Motion
Sensor



DEFED Indoor
Siren



DEFED Door/Window
Sensor



DEFED Key Fob



Water Leak Sensor

LifeSmart

Smart Doorlock C200

Direct Insert C Grade Smart Lock Cylinder | Black and Gold |

8 Unlocking Methods | Anti-cat-eye And Anti-wrong- opening

| Chinese-English BilingualSound |



Smart Doorlock C200



General

Model Number	C200
Power Supply	4 AA dry batteries, Type-C emergency power supply
Standard	GA 374-2019
Operating Temperature	-25°C~70°C
Operating Humidity	≤93%(non-condensing)
Fingerprint Capacity	50
Password Capacity	50
Card Capacity	50
Alarm Function	Anti-pick alarm/Low-battery alarm /

Radio

Radio Protocol	CoSS
Range(Open Field)	200m

Construction

Color	Black/ Gold
Dimension	360*73*23mm
Casing	Aluminum alloys + IML
Width	40 ~ 120mm
Suitable Lock Body	6068

Indoor Camera 4MP

4MPQHD | Human Detection | Smart Tracking |
Pan&Tilt | Privacy Mode | Full Color Display |
Work with Smart Home System



Indoor Camera 4MP



Construction

Color	White
Dimension	77.4mm×77.4mm×106.1mm
Casing	Plastic
Weight	210g

General

Pixel	4MP
Effective Pixels	2560 × 1440
Infrared Radiation	Support
Pan&Tilt	Pan: 0°~355° Tilt: -5°~+80°
Installation	Office desking ,Wall mounting, ceiling
Power Supply	DC5V
Built-In-MIC	support
Built-In-Speaker	support
Network Port	One (RJ-45, Support 10M/100M)
Storage	Micro SD (256G)
Wi-Fi	Supprt 2.4GHz

Indoor Camera



General

Image Sensor	1/2.9" Full HD CMOS Sensor
Resolution	2MP, 1920(H) × 1080(V)
IR Distance	8m
Lens	90°FOV
Pan&Tilt	345°(Pan), 90°(Tilt)
Compression	H.264/H.265
Function	Abnormal detection, two-way talk, work with smart system
WI-FI	Wi-Fi (2.4GHz)
Installation	Plug and play, wall mount, ceiling
TF Card	64G maximum

Construction

Dimension	70*110mm
Weight	220g
Casing	ABS

Outdoor Camera

1080P Full HD Resolution | IR Night View

| Two-Way Talk | Light and Sound Alarm

| IP66 | PoE Support



Outdoor Camera



General

Image Sensor	1/2.9"CMOS
Resolution	2MP (1920 × 1080)
Operating Conditions	110°(Horizontal) 100°(Vertical)
Night View	10m
Compression	H.264/H.265
Function	motion detection、two-way talk、Light and sound Alarm
Ethernet Port	10/100M
Wi-Fi	Wi-Fi (2.4GHz)
Power Supply	DC 12V 1A, PoE
Class Of Protection	IP66

Construction

Dimension	70*70*184mm
Weight	400g
Casing	Aluminium alloy



DEFED Motion Sensor

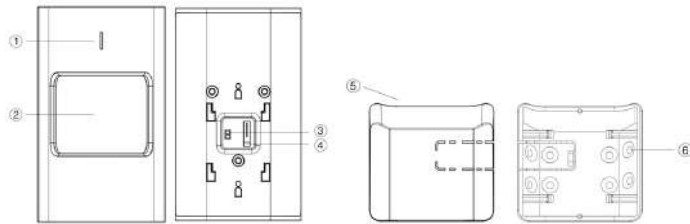
Defense Alarm | Detection Distance Up to 12M |

7 Years Long Battery Life | 400M Wireless Communication |

DEFED Motion Sensor



- ① LED Indicator
- ② Prism
- ③ Power Supply Switch
- ④ Anti-disassembly hold button
- ⑤ Mounting bracket
- ⑥ Install the screw hole position



General

Model Number	LS203WH
Rated Voltage	1 battery, CR123A, DC 3V
Battery life	Seven years
Weight (Including Stent)	110g
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Detection Zone	The maximum distance is 12m and the horizontal angle is 90°
Other Functions	The temperature can be detected

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	400m (Open Field)

Construction

Color	Ivory
Dimension	100*59.2*67.3mm (Including stent) 100 * 59.2 * 50mm (host)
Casing	ABS+PC



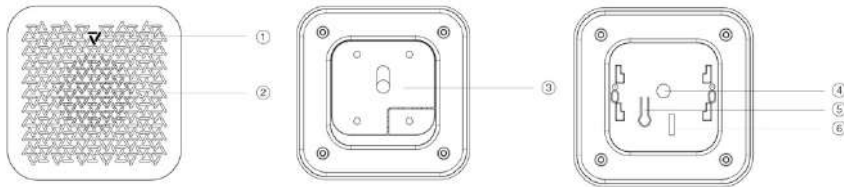
DEFED Indoor Siren

Maximum 105dB Alarm Volume | Temperature Sensor | 3 years Long Battery life |
400M Wireless Communication Distance | Tamper Protection|

DEFED Indoor Siren



- ① LED Indicator
- ② Alarm buzzer
- ③ Mounting bracket
- ④ External indication of the Wiring
- ⑤ Power Supply Switch
- ⑥ Anti-tear button



General

Model Number	LS204WH
Installation	Wall
Static Power Consumption	≤0.3mw
Rated Voltage	2 batteries, CR123A, DC 3V
Battery Life	Three years
LED LED Indicator	support
Operating Temperature	-10~45°C
Operating Humidity	5~90%
The Alarm Volume	87-105 dB (1m distance)
Other Functions	The temperature can be detected

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	400m (Open Field)

Construction

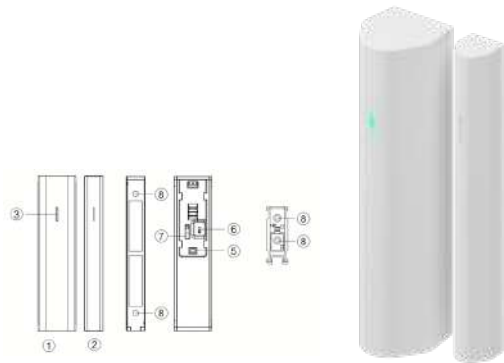
Color	Ivory
Dimension	170*170*37mm
Casing	ABS+PC
Weight (Including Stent)	130g



DEFED Door/Window Sensor

Tamper Protection | 10 Years Long Battery Life |
400M Wireless Communication Distance |

DEFED Door/Window Sensor



- ① Doors and Windows sensor
- ② Magnet module
- ③ LED Indicator
- ④ mounting bracket
- ⑤ Extension sensor input Wiring
- ⑥ Power Supply Switch
- ⑦ Anti-demolition alarm button
- ⑧ Install screw hole position

General

Model Number	LS202WH
Installation	Install doors and Windows
Operating Temperature	-10~45°C
Operating Humidity	5~90%
LED LED Indicator	support
Static Power Consumption	≤0.01mw
Rated Voltage	1 battery, CR123A, 3V
Battery Life	In 10 years
Trigger Distance	2.5cm
Wiring	NCWiring (For extended sensors)
Other Functions	The temperature can be detected

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	400m (Open Field)

Construction

Color	Ivory
Dimension	22 * 22 * 89mm (Sensor Dimension) 10 * 12 * 89mm (magnet module Dimension)
Casing	PC
Weight (With Battery)	44g
Gross weight (With Battery)	75g

DEFED Key Fob

LED Indicator Instant Feedback |

Portable Controller |

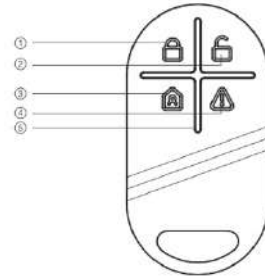
10 Years Long Battery Life |



DEFED Key Fob



- ① Closure button
- ② Withdrawal button
- ③ Home mode button
- ④ Emergency alarm button
- ⑤ LED Indicator



- ① Scenario button 1
- ② Scenario button 2
- ③ Scenario button 3
- ④ Scenario button 4

Construction

Color	Ivory
Dimension	74*39*11.9mm
Casing	PC
Weight (With Battery)	19g

General

Model Number	LS201WH
Static Power Consumption	≤0.001mw
Rated Voltage	1 battery, CR 2450,3V
Battery Life	In 10 years
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Key	4 custom situational buttons

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	400m (Open Field)

Water Leak Sensor

Water Alarm | High Reliability Water Sensor Probe |
Intelligent Linkage | Wall Hanging Installation |



Water Leak Sensor



Construction

Color	Ivory
Dimension	50*72*20mm
Casing	PC+ABS
Weight (With Battery)	31g

General

Model Number	LS064WH
Installation	Hanging
Probe Wire Length	1.8m
Static Power Consumption	≤1mw
Rated Voltage	1 battery, CR2450, DC 3V
Battery Life	In 2 years
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Wiring	External water sensor probe Wiring

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m

Environmental Sensor (CO₂)



400-800 PPM good office environment

800-1200 PPM feel dull, sleepy, mental exhaustion

The 1400-2000 PPM is unable to work actively

Introduction

In the large natural environment, the normal amount of carbon dioxide in the air is 0.04% (400 PPM), and sometimes 500 PPM in big cities. With no person indoors, the carbon dioxide concentration is generally around 500 to 700 PPM

General

Model Number	LS182WH
Measuring Range	Up to 5,000 PPM
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Working Voltage	DC 5V Adapter for regular power supply
Rated At The Power Consumption	100mw

Construction

Color	Ivory
Dimension	71*71*24.5mm
Casing	ABS
Weight	55g

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Gas Sensor



Introduction

Household combustible gas sensor with advanced small current gas sensitive components, built-in temperature compensation, stable, simple installation, can timely detect the tiny combustible gas molecules in the air, accurate sound-light alarm signal (70 decibels), and through the gateway will alarm signal transmitted to LifeSmart APP, prompt you timely processing.

Highlights

- Supports sound-light alarm
- Supports wireless network alarm
- High-decibel alarm volume

General

Model Number	JT-GA102
Installation	The top
Working Voltage	AC220V
Standby Current	< 100mA (DC12V)
Alarm Current	< 150mA (DC12V)
Probe Gas	natural gas
Alarm Concentration	8% LEL (natural gas) \pm 3% LEL
Emission Frequency	2.4GHz
Alarm Sound Pressure	70 db (1 m forward)

Construction

Color	Ivory
Dimension	80*65*45mm

Radio

Radio Protocol	ZigBee 3.0
Signal Range(Open Field)	80 m (empty space)

Independent Photoelectric Smoke Detector (ZigBee)



Introduction

By utilizing advanced optical sensing principles, it can quickly detect the smoke generated during the incipient smoldering stage of a fire. This early detection allows for prompt alerting of the fire occurrence through independent audible alarms and wireless signals sent to the gateway. It provides timely reminders to our users to take necessary actions.

Highlights

- Stable and sensitive photoelectric sensors
- High-decibel alarm volume
- Rich product certification: CCCF / ROHS / CE
- 3 years of super-long battery life

General

Model Number	MIR-SM100
Installation	The top
Working Voltage	CR123A, 3V
Alarm Sound Pressure	85 db (3 m)
Battery Life	3 years
Standby Current	< 15uA
Alarm Current	< 40mA
Alarm Sensitivity	0.08~0.12dB/m (Unadjustable)

Construction

Color	Ivory
Casing	ABS
Dimension	90*37.5mm

Radio

Radio Protocol	ZigBee 3.0
Signal Range(Open Field)	50 m (empty space)

Smart Shading



Smart Shading

Intelligent control
Adjustable track length, no additional wiring, no wall damage, precise percentage control



Silent Track Curtain Motor



Smart Curtain Motor



QuickLink Curtain Motor



Dream Curtain Motor D1



DC Tubular Motor(V2)-35



DC Tubular Motor-25



MINS Curtain Motor Controller



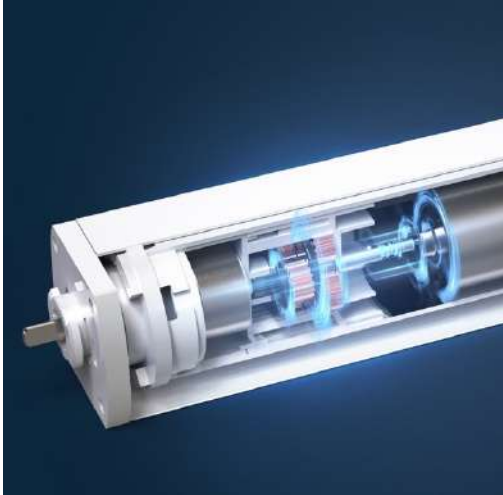
BLEND Curtain Controller PRO

LifeSmart

Silent Track
Curtain Motor
Soak In The Silence



Silent Track Curtain Motor



30dB Silence Design

30dB operation sound,
silent as a watch



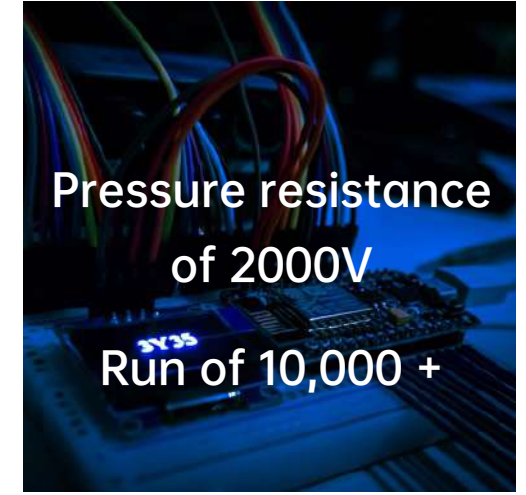
Universal Adapter

Unique socket



5 Certifications

With 3C/CE/PSE/FCC/RCM
5 quality certifications



Super Safe & Durable

10000+ times operation
test, twice the industry
average

Silent Track Curtain Motor



Construction

Color	Ivory
Dimension	50*55*315mm
Casing	Alufer
Rating Torque	1.2 N.m
Horizontal Running Speed	12cm/s

General

Model Number	BCM500DS
Rated At The Power Consumption	40W
Rated Voltage	AC100-240V 50/60Hz
Weight-bearing Overload	40Kg
The Track, Dimension	Maximum 6m
Is It Possible To Make A Curve	Unsupported
Levels Of Protection	IP20
Insulation Grade	CLASS F

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

A modern living room with large windows, a yellow armchair, a sofa, and a coffee table. The room features a light-colored wooden floor, a large black pillar, and a view of a lush green forest. The text is overlaid on the bottom left of the image.

Smart Curtain Motor

Percentage Precision Control | Perfect Intelligent Control

Single Motor for 8 Meters Long Rail | Stable Transmission |

Smart Curtain Motor



Construction

Color	Ivory
Dimension	365*60*50mm
Casing	Alufer
Rating Torque	1.2 N.m
Unloaded Speed	14cm/s

General

Model Number	LS133WH
Rated At The Power Consumption	13W
Rated Voltage	AC110-240V
Weight-bearing Overload	50Kg
The Track, Dimension	Maximum 8m
Is It Possible To Make A Curve	"L", "U" shape can be customized
Levels Of Protection	IP40
Operating Temperature	-5°C -+45°C

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

A modern living and dining area with large windows and white curtains. The room features a light-colored sofa, armchairs, a dining table with chairs, and a wall-mounted TV. The text is overlaid on the left side of the image.

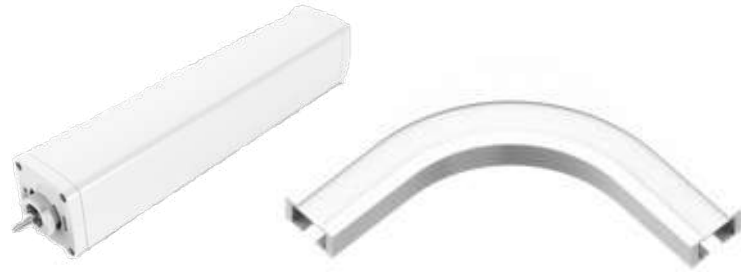
QuickLink Curtain Motor

One key convenient disassembly

Percentage Accurate Control | Hand-pull Start | More Stable Transmission |

Perfectly Controlled 3m/5m Track Length Can Be Spliced Manually According to The Site Conditions |

QuickLink Curtain Motor



Construction

Color	Ivory
Dimension	270*50*50mm
Package Package Dimension	106*23.1*7.8mm
Casing	Alufer
Rating Torque	1.2N.m
Unloaded Speed	14cm/s

General

Model Number	BCM100D
Rated At The Power Consumption	40W
Rated Voltage	AC110-240V
Weight-bearing Overload	40Kg
The Track, Dimension	Maximum of 5m / 3m
Is It Possible To Make A Curve	The 90,135 corners can be used
Levels Of Protection	IP20
Operating Temperature	-5°C -+45°C

Note: 90, 135 corners need to be ordered separately, not included in the quick connect set.

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m



Dream Curtain Motor D1

Dual Motor Hidden Power Supply Design | Open-Close Dimming Can Operate Independently

179° Accurate Dimming | One Button Easy Disassembly | Professional Noise Reduction Nano Strip |

Single Motor With 10 Meters Long Track | 15/12cm/s Three Gears Speed Control

Single Motor for 10 Meters Long Thickened Track | 15/12/9cm/s Three Gears Speed Regulation

Dream Curtain Motor D1



General

Operation Noise	24.7db
Rated At The Power Consumption	18W
Rated Voltage	AC 110-240V 50/60Hz
The Track, Dimension	10 m (double open), 6 m (single open)
Is It Possible To Make A Curve	deny
Weight-bearing Overload	30Kg
Levels Of Protection	IP40
Operating Temperature	-15°C -+55°C
Single-directional Continuous Running Time	About 12 minutes

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction

Color	Ivory
Dimension	55*44*278mm
Casing	Alufer
Rating Torque	1.2 N.m
Unloaded Speed	9 / 12 / 15 cm/s (factory default 9 cm/s)



DC Tubular Motor(V2)-35

Ultra-quiet, small size, big torque

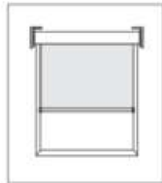
Small Size 35mm | Continuous Operation 6min | High Torque 5N.m |

Super Quiet $\leq 35\text{db}$ | Adaptable to A Wide Range of Curtains

DC Tubular Motor(V2)-35



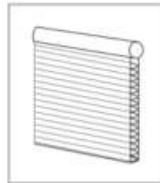
Adapt the curtain



roller blind



Zebra curtain



Shangri-la curtain

General

Model Number	TP35-5/26EHU
Rating Torque	5N.m
Unloaded Speed	26r/min
Operation Noise	35db
Rated At The Power Consumption	60W
Rated Voltage	AC100-240V
Weight-bearing Overload	15Kg

Construction

Color	Ivory
Dimension	35* 489 mm
The Track, Dimension	The rolling shutter width is 2.5m
Single-directional Continuous Running Time	About 6 minutes
Maximum Limit Circle Number	∞

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

DC Tubular Motor-25



General

Model Number	WSERD30-T-2/20
Rated At The Power Consumption	20W
Rated Voltage	AC100V-240V 50/60HZ
Weight-bearing Overload	8kg
The Track, Dimension	The rolling shutter width is 2m
Maximum Working Time Duration	12min
Operation Noise	<28dB
Operating Temperature	-20°C-55°C
Operating Humidity	5~75%

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction

Color	Ivory
Dimension	25*450mm
Rating Torque	2N.m
Unloaded Speed	20r/min

MINS Curtain Motor Controller



General

Model Number	LS178
Rated At The Power Consumption	< 1mW
Rated Voltage	DC 3V
Battery Powered	The # 5 alkaline battery is * 2 pieces
Battery Life	2 years
Wiring Type	RJ11Wiring * 2, pin Wiring * 2
Operating Temperature	-5°C ~45°C
Operating Humidity	5~90%

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	100m

Construction

Color	Ivory
Dimension	135*32*23mm
Weight	55g (without the battery)

Streamer Curtain Controller PRO



General

Model Number	LS240-WCN/GCN
Installation	86 Bottom box installation
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Static Power Consumption	<1.5W
Wiring	Zero line entrance, fire line entrance, Open motor outlet, electrical unit outlet
Maximum Of Overload	200W
Work On The Power Supply	AC 100-240V 50/60Hz

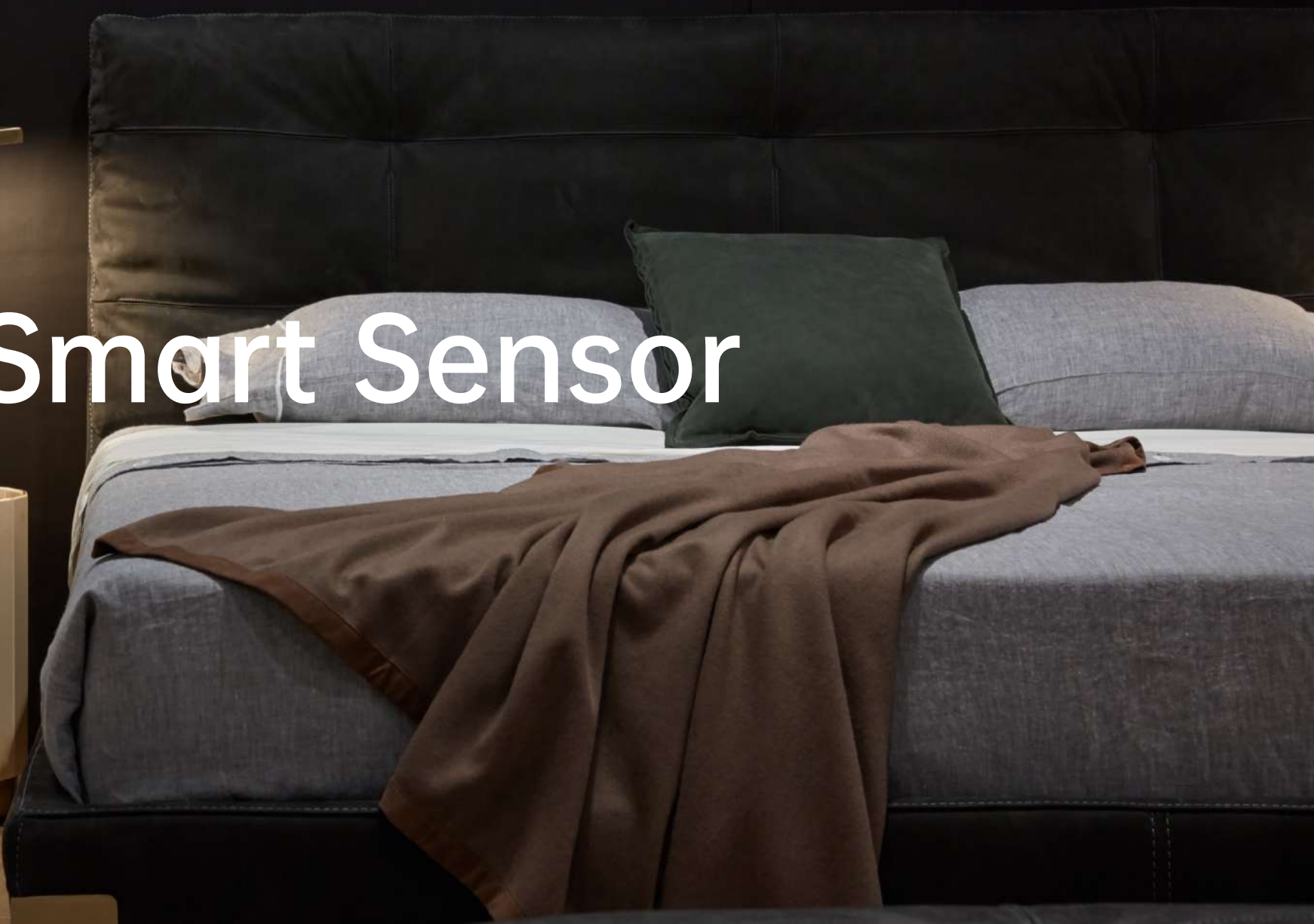
Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction

Color	White / Gray
Dimension	Outside the wall Dimension: 86 * 86 * 11mm, the whole machine Dimension: 86 * 86 * 36mm
Casing	Flame retardant high temperature PC and PC + ABS

Smart Sensor



Smart Sensor

Professional Smart Sensing Device

Real-time monitoring; Smart link: Bringing peace of mind



CUBE Motion Sensor



Motion Sensor
(AAA Battery)



CUBE Environmental
Sensor



Human Presence
Sensor



CUBE Door/Window
Sensor



In-wall Air Quality
Detector (ZigBee)

LifeSmart

CUBE Motion Sensor

Mini Size | Illuminance Detection | 3 Meters | 120° Vertical Detection Range
Adjustable Alarm Duration | Easy Placed



CUBE Motion Sensor



General

Model Number	LS062WH
Installation	Wall Mount/Placed
Detection Range	3M/120°
Static Power Consumption	≤1mw
Rated Voltage	1 battery CR2450, DC 3V
Battery Life	1 Year
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Other Feature	Illuminance Detection

Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

Construction

Color	Ivory
Dimension	38.4*38.4*22.4mm
Casting	PC
Net Weight(With Battery)	20g

Motion Sensor (AAA Battery)

Long Battery Life | Illuminance Detection |

Adapter Optional | 8 Meters | 120° Vertical Detection Range



Motion Sensor

(AAA Battery)



General

Model Number	LS085WH
Installation	Wall Installation
Detection Range	8M/120°
Static Power Consumption	≤1mw
Rated Voltage	2 AAA Battery, DC 5V2A Adapter not included in package
Battery Life	2 Years
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Other Feature	Illuminance Detection

Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

Construction

Color	Ivory
Dimension	70*70*34mm
Casting	ABS
Net Weight(With Battery)	46g

CUBE Environmental Sensor

Easy Read | Temp, Humidity, Illuminance Real-time
Monitoring | Easy Set Up



CUBE Environmental Sensor



Construction

Color	Ivory
Dimension	38.4*38.4*16.2mm
Casting	PC+ABS
Net Weight(With Battery)	24g

General

Model Number	LS063WH
Installation	Wall Mount/Placed
Static Power Consumption	≤1mw
Rated Voltage	1 CR2450 Battery, DC 3V
Battery Life	1 Year
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Detection Type	Humidity, Temperature, Illuminance

Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

CUBE Door/Window Sensor

Sense The Opening, Closing, And Vibration Status of Doors And Windows |
APP Prompts Low Battery Alarm | Security Linkage



CUBE Door/Window Sensor



General

Model Number	LS058WH
Installation	Pasted
Static Power Consumption	≤1mw
Rated Voltage	1 CR2450 Battery, DC 3V
Battery Life	2 Years
Operating Temperature	-10~45°C
Operating Humidity	5~90%
Detection Type	Slide and shake detection of the door and window

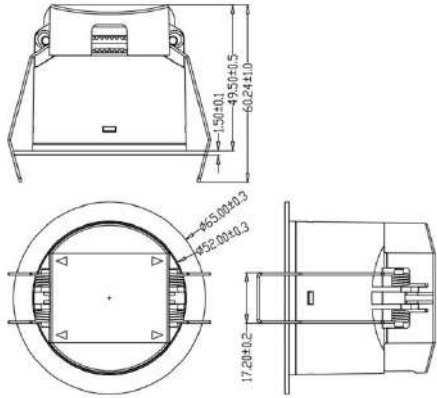
Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

Construction

Color	Ivory
Dimension	38.4*38.4*16.2mm
Casting	PC+ABS
Net Weight(With Battery)	24g

Human Presence Sensor



Introduction

Connect to the LifeSmart system via ZigBee 3.0 standard protocol. With a wide voltage range of 110~240V, it supports various power supply methods. By combining 24GHz microwave presence detection technology and illuminance sensing technology, it can analyze human behavioral states (presence and absence) and collect environmental illuminance data.

General

Model Number	MSA201 Z
Voltage Range	AC 110-240V 50Hz/60Hz
Operating Temperature	0°C~50°C
Storage Temperature	-25°C~+80°C
Installation Height	2.5-4m Big Movement (3m high): 3-4m Minor Movement (3m high): 2.5-3.5m Breathing (3m high): 2.5-3.5m
Detection Range	
Sensitivity	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% (Set Via APP)
Delay Setting	30s /1min / 2min/ 3min /5min /10min /20min/30min (Set Via APP)

Construction

Color	Ivory
Cut-out Size	Cut a hole of 55mm on the ceiling

Radio

Radio Protocol	ZigBee 3.0
Signal Range (Open Field)	80m

In-wall Air Quality Detector (ZigBee)



PM2.5



Temp, Humidity

Introduction

It uses precision sensors to detect changes in PM2.5, temperature, and humidity. It features a TFT screen display, enabling users to access various air parameters. It can be widely applied in residential, commercial, and industrial settings to promptly monitor air quality and create healthy, comfortable, efficient, environmentally friendly, and energy-saving living and working environments.

General

Model Number	PMT300-S-ZTN
Voltage Range	AC 100-240V
Operating Temperature	0°C~50°C
Temperature Range	-10 ~ 55°C ±1°C
Humidity Range	0 ~ 99%RH ±5%RH
Air Quality Level	PM2.5 (ug/m ³) 0~75: Good PM2.5 (ug/m ³) 76~115: Fair PM2.5 (ug/m ³) >115: Bad
PM2.5 Range	0 ~ 999 ug/m ³
PM2.5 Accuracy	0~100ug/m ³ : ±15ug/m ³ > 100ug/m ³ : ±15%

Construction

Dimension	86*86*60mm
Screen	TFT

Radio

Radio Protocol	ZigBee 3.0
Signal Range (Open Field)	80m

A high-angle, top-down photograph of a man sleeping peacefully in a bed. The room is dimly lit with a cool, blue-toned light. The man is wearing a blue t-shirt and is tucked under a blue duvet. The bed has a tufted headboard and several pillows. To the left, a window with white curtains is visible. The floor is made of dark wood. The overall mood is calm and serene.

HVAC & Thermostat

HVAC

According to the changes of indoor environment, automatic adjustment of system operating parameters, improve energy efficiency, reduce operating costs.



Smart Central
Air-conditioning Gateway



Smart Central
Air-conditioning Controller PRO



Nature Thermostat

LifeSmart

Smart Central Air-conditioning Gateway



Introduction

Smart Central air conditioning gateway, can control all the central air conditioning units in the home, to achieve app control, mode selection, temperature setting, wind speed adjustment and other functions.

Highlights

- CoSS protocol, LifeSmart self-developed protocol, strong stability, to ensure security.
- Mobile phone APP, smart panel, multiple control methods.
- Install a device to control all the air conditioning units driven by the current external unit.

General

Model Number	LS175
Static Consumption	<1.2w
Power Supply	DC 12V
Operating Humidity	0~90%
Operating Temperature	-20~60°C
Support Brand	Daikin,Hitachi, Toshiba, Mitsubishi Electric, Hisense, Haier, Panasonic, York, Mitsubishi Industries, Midea, LG, AUX, Bosch, Gree, Samsung, Chigo, Trane, Carrier, McVile, etc

Construction

Color	White
Dimensions	106*96*58mm

Radio

Radio Protocol	CoSS
Signal Range	100m

Smart Central Air-conditioning Controller PRO



Introduction

Smart Central Air-conditioning Controller PRO, It can control units in the home one by one, app control, mode selection, temperature setting, wind speed adjustment and other functions, and cooperate with the temperature sensor to realize the automatic management of indoor temperature.

Highlights

- CoSS protocol, LifeSmart self-developed protocol, strong stability, to ensure security.
- Mobile phone APP, smart panel, multiple control methods.
- Install a device to control one unit driven by the current external unit.

General

Model Number	LS212
Static Consumption	<1w
Support Brand	Daikin, Hitachi, Hisense, Toshiba, Midea, Gree, Haier, York, etc.
Power Supply	DC 12V
Operating Humidity	0~90%
Operating Temperature	-20~60°C

Construction

Color	White
Dimensions	85*85*28mm

Radio

Radio Protocol	CoSS
Radio Range	100m

Nature Thermostat



Introduction

With three-speed fan and two-way valve control, supporting the control of HVAC system ends and fan coils, as well as electric valves, electric ball valves or air valves to adjust indoor temperature and improve indoor air.

Highlights

- Six working modes: Water floor heating + fan coil/single fan coil/double fan coil/Water floor heating/fresh air/fresh air + water floor heating mode.
- Intelligent temperature control: combined with temperature and humidity sensors, intelligent control of the whole house temperature control system.
- Energy saving: Timely temperature adjustment, save electricity costs.
- Remote control: remote control switch, adjust the temperature and mode.

General

Model Number	LS220-WT1/LS220-GT1
Installation	In-wall concealed with 86 back box
Wiring	Y, W, G, C, R
Power Supply	AC 100-240V 50/60Hz
Operating Humidity	5~90%
Operating Temperature	-5~45°C

Construction

Color	White Frame White Glass /Gray Frame Black Glass
Dimension	86*86*36mm;

Radio

Radio Protocol	CoSS
Radio Range	200m

Energy Management



Energy Management

Based on real time environment data, devices including lights, home appliances, HVACs can be switched ON/OFF by demands



Wall Socket
(Electricity metering)



General
Controller



485 Converter



SPOT Universal Remote
Controller



SPOT Mini Universal
Remote Controller

LifeSmart

Wall Socket

(With Electricity Metering)



Description

It supports power metering, two-way communication and mobile APP control, and supports switch control button. We can also set automation with other smart devices. You can remotely turn on electrical appliances or set scheduled tasks.

Highlights

- Remote control anytime and anywhere: use APP to control the appliances in your home.
- Automation: automatically control appliances based on changes such as humidity, temperature information provided by other smart devices.
- Power metering

General

Model Number	LS075WH
Installation	Wall installation with 86 type back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 220V
Maximum Output Current	10A (resistive load)
Indicator	LED

Construction

Color	White
Dimension	86*86*46.5mm
Casing	Flame retardant PC
Weight	100g

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

General Controller



Description

With LifeSmart universal controller, third-party products can be quickly added to the LifeSmart system. Sensors, switches, motors and even controllers with interfaces can all be added to the LifeSmart smart station to work together through correct wiring and configuration.

Highlights

- Adaptable to control almost all dry contact signal control equipment on the market, with super scalability
- Abundant interfaces with 3 channel input and 3 channel output
- DIY any device and easily turn them into smart devices

General

Model Number	LS143
Installation	Put it in the maintenance access
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 24V or 12V
Maximum Current	< 3A
Static Power	< 1.5W

Construction

Color	White
Dimension	83.6*47.0*22.3mm
Casing	ABS
Weight	50g

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

485 Convertor



Description

A device that converts RS485 to CoSS signal. Devices with 485 Interface can be added to the Lifesmart smart home system through his device, including air conditioners, fresh air, smart electricity meters, smart water meters, etc.

Highlights

- Compatible with almost all devices with RS485 interface
- Form automation with 3rd party devices
- With LifeSmart AI Builder RS485 control module, simple functions can be supported without any R&D development

General

Model Number	LS080HV
Installation	Put it in the maintenance access
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz or DC12
Static Power	≤5W
Connected Sub Devices	≤30 sub devices
Wiring	Line N ×1, Line L ×1, 485A ×1, 485B ×1, DC12V in/out ×1

Construction

Color	White
Dimension	150.5*40*28mm
Casing	ABS
Weight	74g

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

SPOT Universal Remote Controller



Description

A multi-functional infrared remote control with a great sense of design, one-click remote control of infrared home appliances, with built-in lighting effects, can be used as an ambient light, and supports charging mobile phones

Highlights

- 16M colors of ambient lighting
- 360° horizontal coverage
- Support charging mobile phones with USB interface
- It has built-in infrared home appliance control code libraries for nearly 6386 brands, including TVs, air conditioners, fans, DVDs, TV set-top boxes and other devices.

General

Model Number	LS136 (Coss)	LS034 (WiFi)
Power Supply	DC 5V/2A	
Operating Temperature	-5~45°C	
Operating Humidity	5~90%	
Static Power	<1W	
LED Color	16M	
Controller Frequency	Infrared 38Khz	
Coverage	H 360°, V +15°, maximum signal distance: 5-10m	

Construction

Color	White & Gray	
Dimension	128*53mm	
Casing	PC	

Radio

Radio Protocol	CoSS	Wi-Fi (2.4Ghz)
Signal Range(Open Field)	100m	10m

SPOT Mini Universal Remote Controller



Description

A universal infrared remote control that simplifies your life by interacting with the LifeSmart smart home system. Can control any infrared equipment such as TV, air conditioner, fan etc. Simple setup, flexible installation, plug and play.

Highlights

- 360° horizontal coverage
- 12m long signal distance
- It has built-in infrared home appliance control code libraries for nearly 6386 brands, including TVs, air conditioners, fans, DVDs, TV set-top boxes and other devices.

General

Model Number	LS252WH
Installation	Wall mount or Plug & Play
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 5V/2A
Static Power	< 1W
Controller Frequency	Infrared 38Khz
Coverage	H 360°, maximum signal distance: 5-12m
Interface	Micro USB

Construction

Color	White
Dimension	79.5*25mm
Casing	PC, ABS
Weight	70g

Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

LifeSmart

EVERY HOME WILL BECOME A SMART HOME

