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# LifeSmart



# Contents

<b>Company Introduction</b> .....	01	<b>Solutions &amp; Success Stories</b> .....	91
Brand Introduction		Smart Residential	
Investors		Smart Hotel	
Awards		Smart Office	
Patents & Certifications			
		<b>Contact Us</b>	
<b>Core Competitive Advantage</b> .....	05		
Open AIoT Ecosystem			
CoSS & Other Protocols			
AI Builder			
Cybersecurity			
EcoLink			
Multi-dimensional Interaction			
LifeSmart Design Lab			
<b>Product Category</b> .....	15		
Smart Interaction			
Smart Station			
Smart Lighting			
Home Security			
Smart Shading			
Smart Thermostats			
Energy Management			
Smart Entertainment			

# LifeSmart

LifeSmart is among the top brand list to provide smart home products and solutions on the global market. We offer complete categories of smart devices, integrating advanced IoT technologies and cloud services, to form the base of both smart home solutions and other industrial solutions.

**100+**  
Countries/Regions

**4M+**  
End Users



**Angel**  
Tisiwi



**Series A**  
SAIF Partners



**Series B**  
Walden International BridgeOne Capital



**Series C**  
New World China





reddot award 2021  
best of the best



reddot award  
2023



reddot award  
2022



TOP 25  
Building Technology  
2017 – 2021



TOP 100  
China  
2017 – 2021



### 200+ Patents

LifeSmart's R&D personnel account for more than 50% of the total staff, and we own more than 200 domestic and international core technology patents.



### 20+ Certifications

LifeSmart attaches great importance to product safety and quality, our products have passed various product certifications around the world, including CE, WEEE, FCC, KC, TELEC, etc.



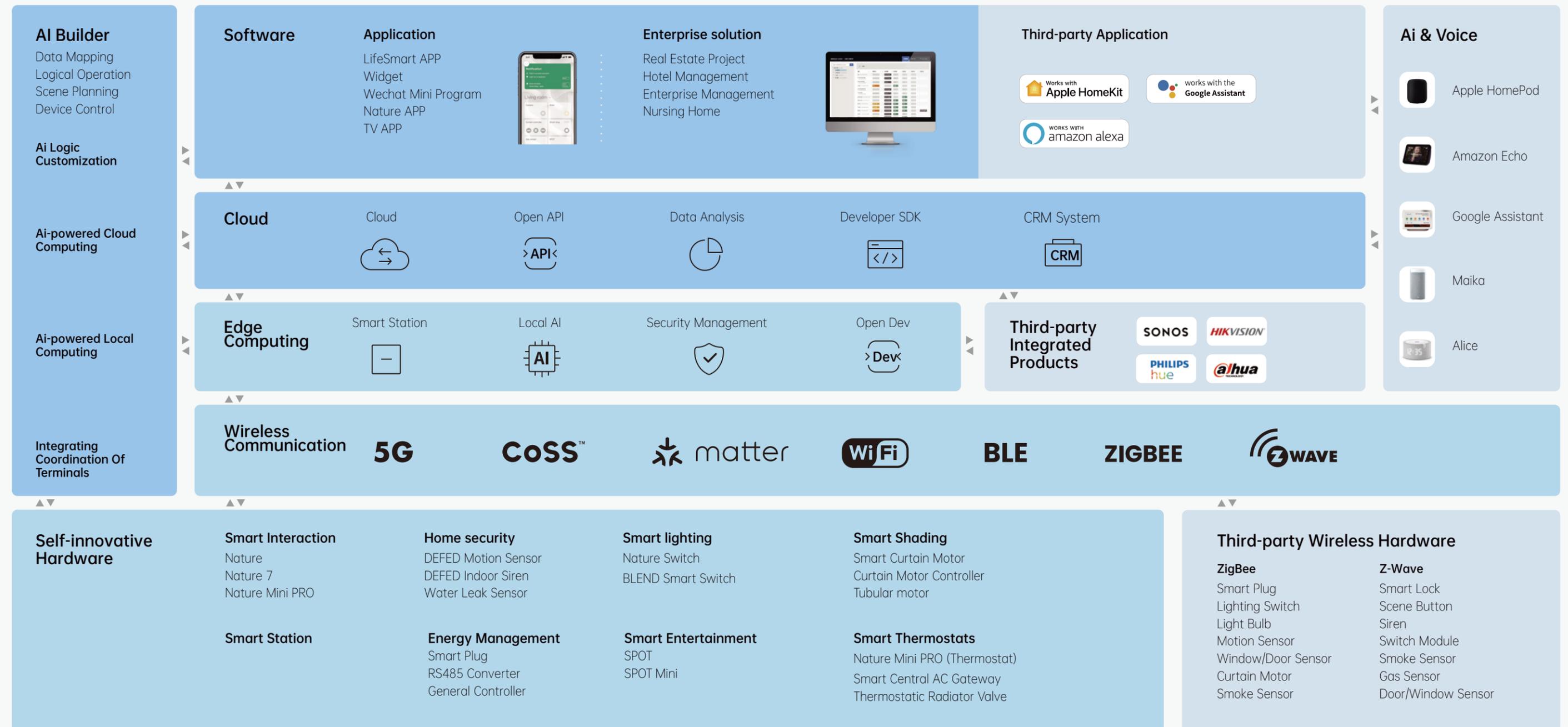
### 80+ Awards

LifeSmart has always adhered to the modern minimalist design style where technology and beauty coexist. We pursue the balance of design, user experience and product functions.

Since 2016, our products have won more than 80+ international awards including the grand slam of the world's top design awards.

# Open AIoT Ecosystem

A solid cloud architecture, a wide range of hardware products, multi-dimensional software interaction, and a powerful voice ecosystem have jointly constructed an open and complete ecosystem of LifeSmart, creating values for our partners and users.

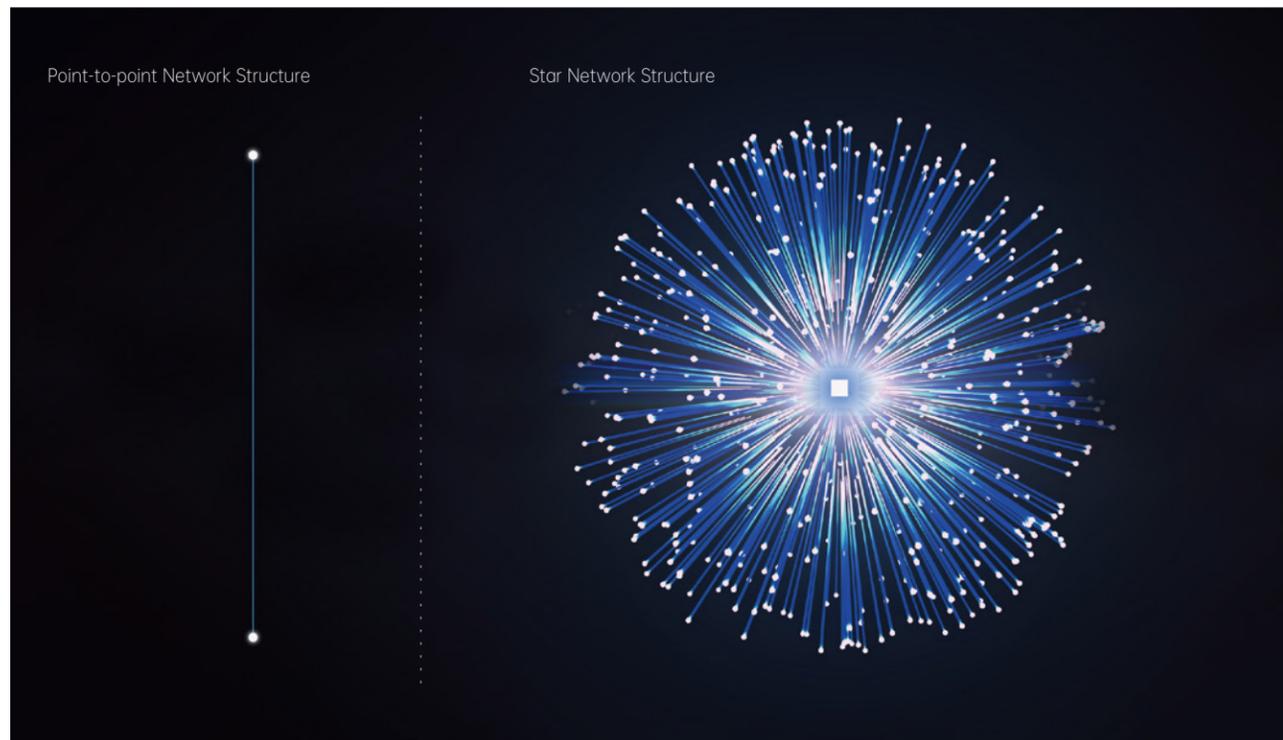


## CoSS - a wireless communication protocol that is as stable as a wired network

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.

-  **Long Distance**  
Transmission of 800 meters
-  **Low Power Consumption**  
Ensuring up to 10-year battery life of a no-neutral switch
-  **Low Radiation**  
1/100,000 of the radiation from a cellphone
-  **High Stability**  
Telecom-level communication standard
-  **High Security**  
Restricted access and multiple encryption
-  **Large Capacity**  
Support up to 500 sub-devices



	CoSS	zigbee	ZWAVE	Bluetooth	WiFi
Transmission Distance	100- 800meters	30-100meters	40-100meters	20-100meters	40meters
Wall Penetration	High (433-922Mhz)	Low (2.4Ghz)	High (868-922Mhz)	Low (2.4Ghz)	Low (2.4Ghz)
Power consumption	Extremely Low	Low	Low	Low	High
Stability	High	High	Low	Low	Low
Capacity	High	High	High	High	Low
Bandwidth	Low (1kbps-128kpbs)	High (256kpbs)	Low (9.6kpbs/40kpbs)	High (1mbps)	Extremely High(>54mbps)
Radiation	Low	Low	Low	Low	High
Standardization	Private	Standard	Standard	Standard	Standard
Cost	Medium-High	Medium-High	High	Medium-High	Medium-High
Configuration	Easy	Easy	Easy	Easy	Difficult

## We Are The Brand Supporting the Most Wireless Communication Protocols on the Market

We Are The Brand Supporting the Most Wireless Communication Protocols on the Market

In the field of IoT, we firmly believe that the future belongs to wireless communication protocols. We always take customers' value as our top priority and select the wireless communication protocols that are most suitable for users' cases. We provide products supporting the most protocols on the market, including Wi-Fi, BLE, Zigbee, Z-Wave, and our independently developed CoSS. For video-related applications and some smart products, we use Wi-Fi. For personal consumer electronics, we use Bluetooth or a combination of Bluetooth and Wi-Fi. Granted with the Z-Wave Security S2 certification in Japan, we are the first Chinese company to receive this certification.



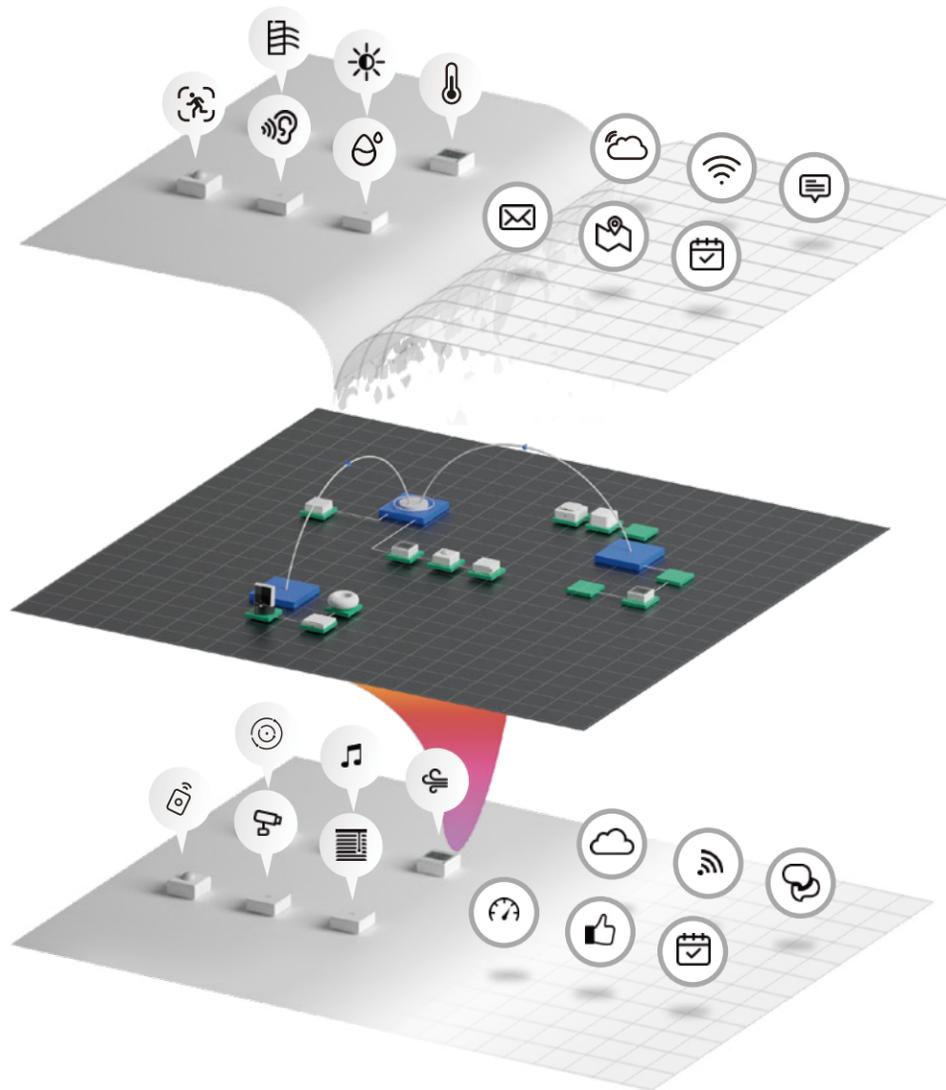
## AI Builder

Bringing Intelligent Editing to a Higher Level

LifeSmart AI Builder is an intelligent editor supporting any condition combinations + any device execution actions. You can use the editor in graphic and list mode.

For example, multiple intelligent agents usually need to be created for an intelligent scenario where "the light and air conditioner need to be turned on when people show up during work hours, the light needs to be adjusted for the lunch break, and the light and air conditioner need to be automatically turned off after working hours or during holidays".

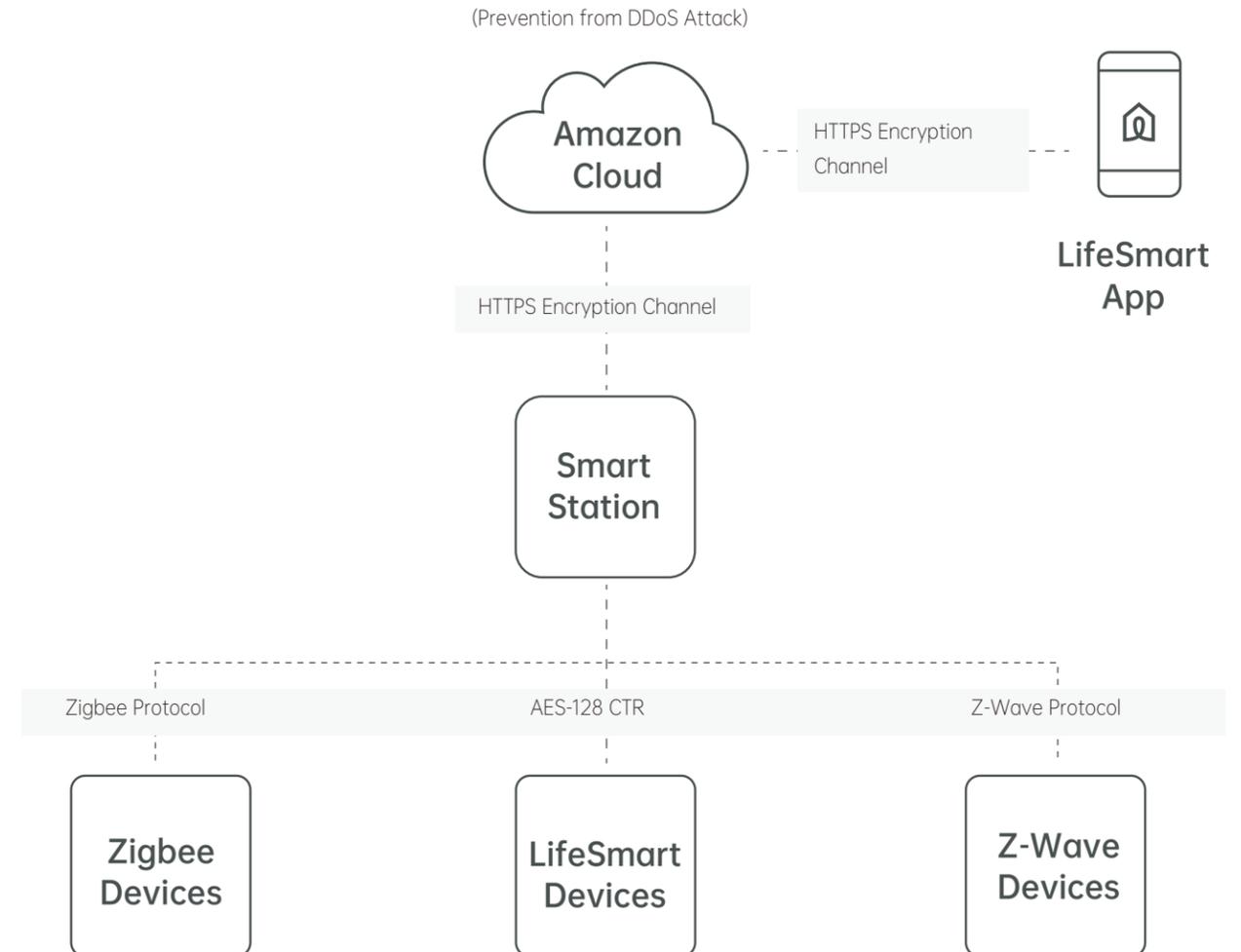
However, with LifeSmart AI Builder, you only need to create one intelligent agent to realize such a complicated multi-condition logic and stable operation.



## Cybersecurity

Bank Level Encryption

- Z-Wave Security S2 certification
- Independent key management for every single device
- Minimum authorization management for cloud service
- All data encryption



### Bank Level Encryption and Security

LifeSmart puts the cybersecurity and privacy protection as the top priority since day one. We build our system and connection with bank level encryption and security, from the smart device, edge gateway, cloud service to the applications, all the links in between are encrypted and protected.

### Privacy by Default

More over, we monitor and enforce compliance to meet industry standards and security policies such as GDPR, and we actively detect and stop the advanced threats, keep it away from our customers.

## EcoLink

### B-end IoT Management Platform for Industry Applications

EcoLink is a comprehensive B-end IoT management platform designed to address the growing demand for intelligent solutions across diverse vertical industries like hotel, office and etc. Building upon the robust foundation of LifeSmart technology, EcoLink extends beyond typical consumer-oriented applications, offering tailored functionalities specifically for the complexities of business and industrial projects. In addition to standard IoT management features such as device control, scene automation, and scheduling, EcoLink provides specialized capabilities including:



**Interactive Dashboards:** Offering a wide array of customizable dashboard components, including devices location visualizations, energy consumption analytics, environmental data reporting, real-time device status monitoring, and historical data trend analysis. These dashboards provide insightful overviews for effective management and decision-making.



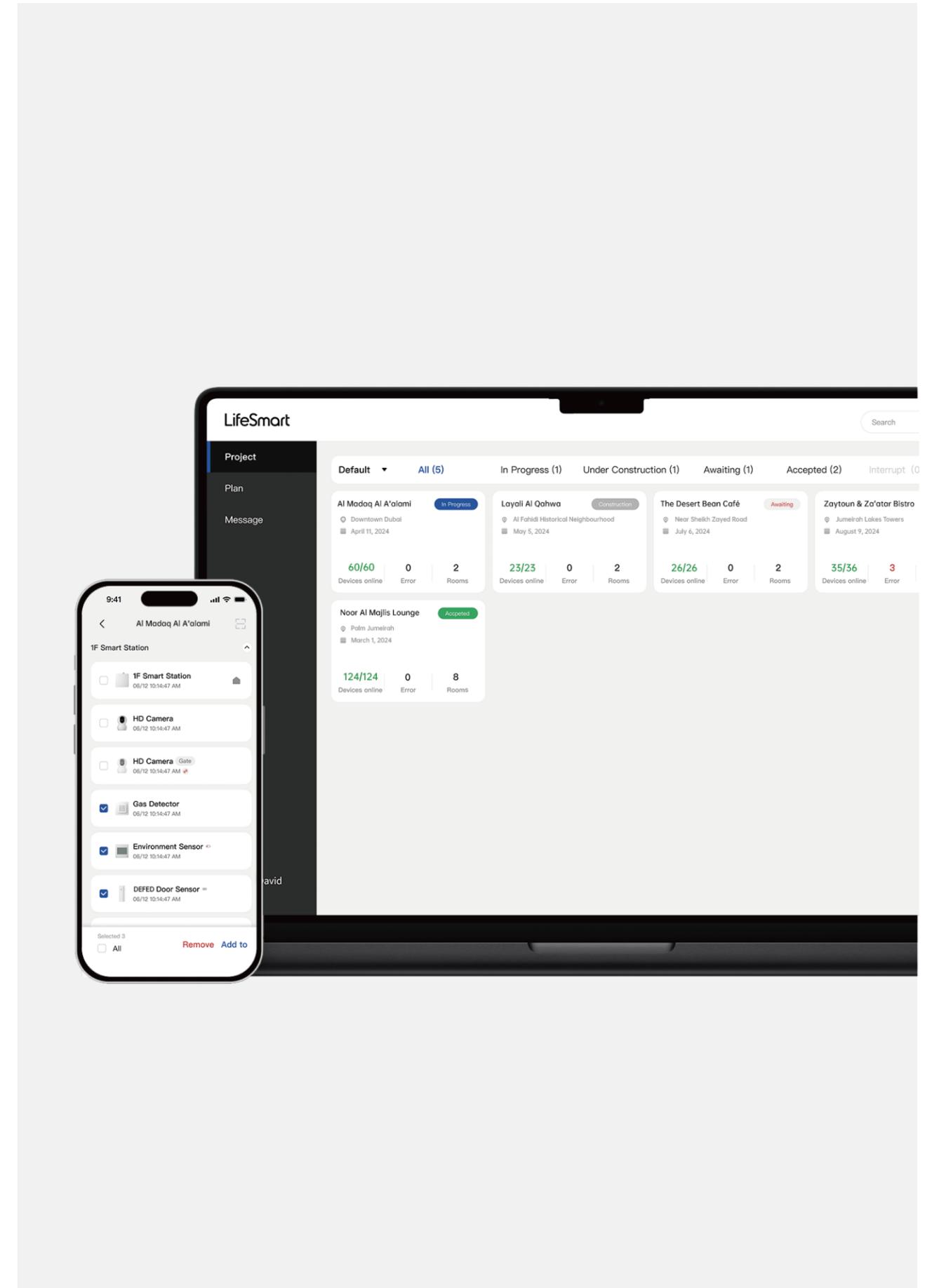
**Multi User Access Permissions:** Recognizing the unique security and organizational requirements of B-end deployments, EcoLink incorporates a sophisticated organizational structure. This framework allows administrators to flexibly manage user account lifecycles and access privileges within defined domains, accommodating intricate and adaptable permission hierarchies essential for complex projects.



**Efficient Batch Operations:** EcoLink streamlines project management by enabling convenient batch configuration and control of numerous IoT devices. Users can perform simultaneous actions based on project affiliation, geographical region, device category, and area type, significantly enhancing operational efficiency.



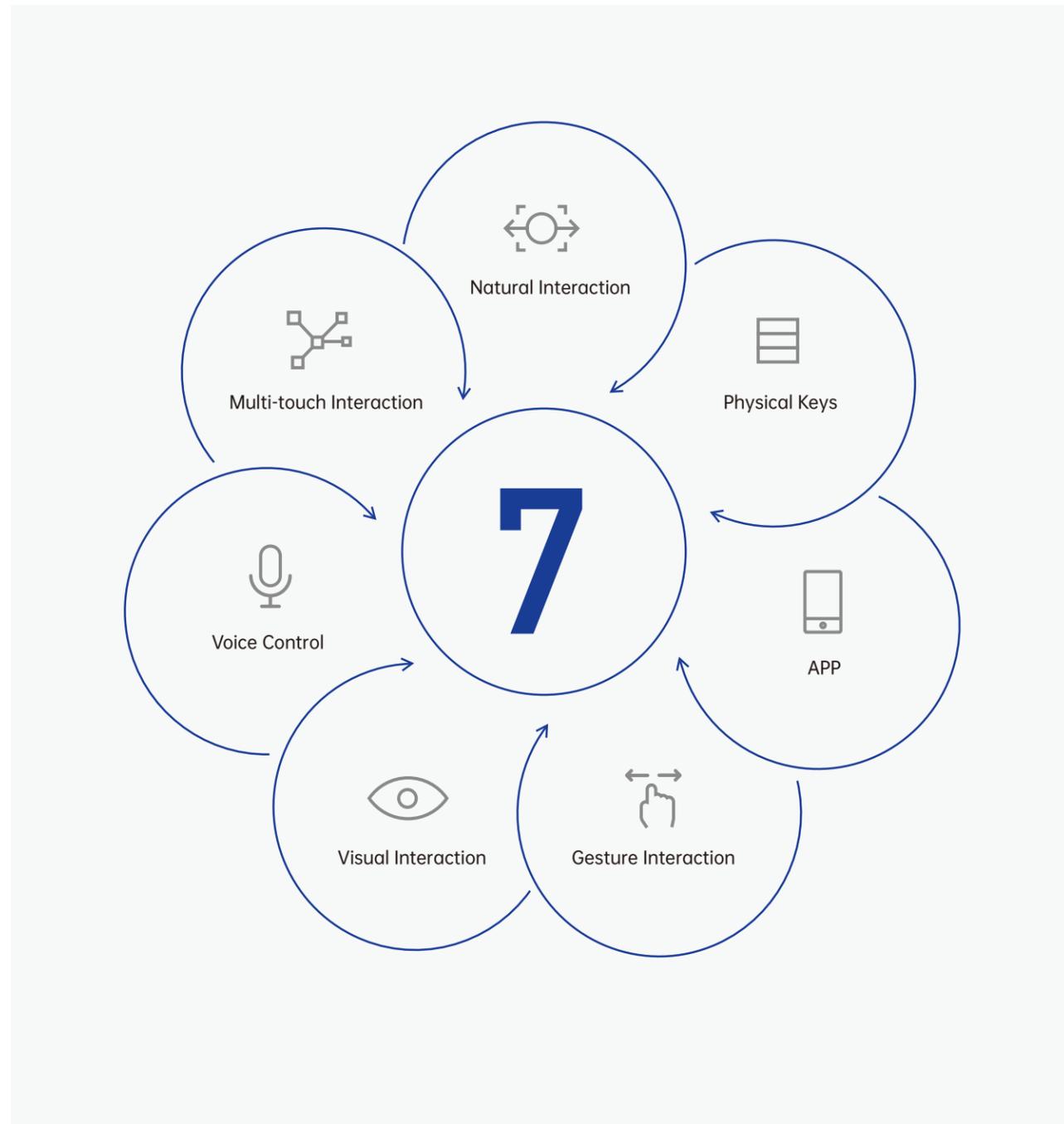
**Open API for Seamless Integration:** Facilitating interoperability with existing enterprise systems and third-party applications, EcoLink provides a well-documented suite of external Open APIs. This open architecture empowers external developers and system integrators to build custom integrations and extend the platform's capabilities to meet specific project needs.



## Multi-dimensional Interaction Experience

Smart Home is about the interaction between people and space. LifeSmart is committed to developing different interaction modes between users and their homes from multiple dimensions.

Through the powerful self-developed software and the open ecosystem, LifeSmart cuts in from the dimensions of sound, vision, gestures, senses, and living habits to optimize users' interactive experience.



# LSD

LifeSmart Design Lab

## Simplicity isn't simple

Refining Relationship between Product, Home, and People

LSD™ hinges on the design concept of simplicity. This concept brings simplicity to the product appearance and highlights its visual focus; In fact, we are more concerned about the simplicity in product usage. Using limited information, LSD™ presents functions that are most direct and mostly comply with the instinct, to keep clear logic in complications. In this way, people will follow their instinct only to focus on important information and use our products, with no strange feelings of technologies. To make the smart home more simple, friendly, and touchable is the ultimate goal of the design by LSD™.







# Nature X PRO

Your First Smart Device

-  Works as a gateway
-  Supports multiple protocols including CoSS, Zigbee, Wi-Fi
-  Supports Type-C power supply
-  1.39" 1.39-inch resolution 454\*454 OLED knob screen

 App control  Communicates with other devices



## General

Model Number	LS280-AQ
Operating Temperature	-5~45°C
Operating Humidity	5~90%
CPU	Quad-core Cortex-A7
Interface	Type-C Power input
LED Indicator	9+4 16 million colors LED
Screen	1.39 inch
Resolution	454*454
Input	DC 5V 2A

Sensor	Temperature sensor, Humidity sensor, CO, sensor, PM2.5 sensor
Microphone	Yes
Speaker	Yes
CO2 sensor	0~500ug/m3
PM2.5 sensor	400~2000ppm
Content	Nature X PRO, USB-C cable, Users' guide
Operation System	Android

## Construction

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

## Radio

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

# SMART INTERACTION





# Nature - Smart Control Panel



The all-in-one smart control panel serving as a personal butler

-  10.25" High definition touch screen
-  Configurable built-in menu to meet your needs
-  Customizable physical buttons to switch scenes
-  Elegant anodized aluminum craft

-  App control
-  Communicates with other devices



## General

Model Number	LS148
Installation	In-wall concealed with pre-embedded back box(standard )
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Network	Wi-Fi 2.4GHz/ Ethernet
Power Consumption	<20W
Interface	Live/Neutral/Earth wire in Ethernet RJ45 HDMI in USB

Button	Customizable scene-switch button×4 Power button
Screen	10.25 inch touch screen
Resolution	1920×720
CPU	4 Core ARM
Power Supply	AC 100-240V 50/60Hz
RAM	2GB
Operating System	Android 11
Speaker	Yes
Microphone	Yes

## Construction

Color	Matte grey
Dimensions	Exposed dimension: 342*122*16mm Backbox dimension: 335*114*70mm
Weight	1260g(panel only)
Casing	Aircraft aluminum

# Nature 7 PRO

The all-in-one smart control panel with a 7-inch HD touch screen and 4 customizable physical scene button



-  7" High definition touch screen
-  Configurable built-in menu to meet your needs
-  Customizable physical buttons to switch scenes
-  Anti-fingerprint coating
-  PoE power supply

-  App control
-  Communicates with other devices

## General

Model Number	LS227	Resolution	1024×600 (IPS)
Installation	In-wall concealed with pre-embedded box(standard )	CPU	4 Core A55
Operating Temperature	-5~45°C	RAM	2GB
Operating Humidity	5~90%	Operating System	Android 11
Power Supply	DC 12V/PoE 48V	Speaker	Yes
Power Consumption	≤6W (without power output)	Microphone	Yes
Interface	RJ45×1,Extension(1+8way sense,RS485)	Network	Wi-Fi 2.4GHz, LAN port, Zigbee, CoSS,
Button	Customizable scene-switch button×4, Power button		
Screen	7 inch touch screen		

## Construction

Color	Matte grey/White
Dimensions	Exposed dimension: 249*113*16mm Whole dimension: 249*113*28.6mm
Weight	525g
Casing	PC



# Nature Mini PRO

The only thing we changed is everything



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best of the best



-  Anti-fingerprint HD full-color touch screen
-  Multi-protocol wireless transmission protocol
-  2.4GHz+5GHz Dual-band Wi-Fi
-  Ultra low power



App control



Communicates with other devices



## General

Model Number	LS268
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz , POE (Optional)
Power Consumption	< 0.6W
Maximum Overload	Resistive Load 500W (One Way) Capacitive/Reductive Load 200W (One Way)
Wireless protocol	Wi-Fi / CoSS / ZigBee

Network	Wi-Fi 2.4GHz+5GHz
Wiring	Live/Neutral/Light1/Light2/Light3 wire in
Screen	4 inch
Resolution	480*480
Operation System	Linux
Speaker	Yes

## Construction

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

## Radio

Radio Protocol	CoSS
Range(Open field)	200m

# Nature Mini L

The only standard 120 Smart home control panel



-  **Anti-fingerprint HD full-color touch screen**
-  **Multi-protocol wireless transmission protocol**
-  **2.4GHz+5GHz Dual-band Wi-Fi**
-  **Ultra low power**

-  App control
-  Communicates with other devices



## General

Model Number	LS218
Installation	In-wall concealed with 120 back box
Wireless Protocol	Wi-Fi / CoSS / ZigBee
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	< 0.6W
Maximum Overload	Resistive Load: 500W per channel Inductive/Capacitive Load: 200W per channel

Network	WiFi 2.4GHz+5GHz
Interface	Live/Neutral/Light1/Light2/Light3 wire in
Screen	4 inch
Resolution	480*800
Operation System	Linux
Microphone	Yes
Speaker	Yes

## Construction

Color	White
Dimensions	Outside the wall: 120*70*11mm Overall: 120*70*36.5mm
Casing	Bottom Cover:PC, Top Cover:ABS+PC

## Radio

Radio Protocol	CoSS
Range(Open field)	200m

# Smart Station

Center of the smart home ecosystem and make all the devices work seamlessly

-  Powerful processor with up to 500 connected devices
-  400m wireless signal distance
-  AI builder for automated processing
-  Multiple-protocol support



 App control  Communicates with other devices



Radio	Smart Station	Smart Station (CoSS+ZigBee)	Smart Station (CoSS+Z-Wave)
Radio Protocol	CoSS	CoSS & ZigBee	CoSS & Z-Wave
Radio Frequency	433or922MHz	CoSS: 433or922MHz / ZigBee: 2.4GHz	CoSS: 433or922MHz / Z-Wave 865.2~926.3MHz
Signal Distance (Open Field)	400m (CoSS/Open Field)	CoSS: 400m / ZigBee: 30-100m	CoSS: 400m / Z-Wave: 40-100m

General	
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 5V
Power Consumption	< 2.5W
Interfaces	Power supply / RJ45 / Reset hole
Connected Devices	500
Network	LAN(10/100/1000 BASE-T via RJ45 port)

Construction	
Color	Ivory white
Dimensions	110.8*110.8*28mm
Weight	120g
Casing	ABS

# DEFED Smart Station/PRO

Smart station is the control center of the DEFED alarm system. It collects, processes, and reports every signal and information of the system

-  CoSS, Wi-Fi, Zigbee/Matter(Optional), 4G, Z-Wave(optional), Bluetooth(optional)
-  2.4GHz+5GHz Dual-band Wi-Fi
-  With the backup battery
-  Tamper protection



 App control  Communicates with other devices

General	
Model Number	LS205WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	RJ45
	DC Power supply
	SIM card slot(optional)
Power Supply	DC12V1A
	Battery Backup*2
	PoE
Battery Life	18 hours battery backup power
Battery type	Battery 18650*2

Construction	
Color	White
Dimension	170*170*37mm
Casing	ABS+PC

Radio	
Radio Protocol	CoSS, Wi-Fi, Zigbee/Matter(Optional), 4G, Z-Wave(optional), Bluetooth(optional)
Signal Range(Open Field)	400m without antenna, 800m with antenna (CoSS/Open field)

# SMART LIGHTING



# Nature Switch

Touchable switch for designing your wall decor



Adopts Touch Pro™ technology and brings ultimate touch experience



With DIY colorful LED indicator, you can turn on the light easily in the dark



Design the icon depending on your needs, there are more than one million choices for you



Modern appearance, designed by Nature Series designer team who have collected all design awards

Voice control App control Communicates with other devices

Works with Apple HomeKit works with the Google Assistant WORKS WITH amazon alexa

## General

Model Number	LS220
Wiring	Live+neutral
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	< 0.6W
Maximum Overload	Resistive load 500W (one way) Capacitive/Reductive load 200W (one way)
LED Indicator	16Million colors

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	White glass+white frame /
	Black glass+white frame /
	Black glass+gray frame
Dimension	86*86*35mm
Weight	126g(1 way), 138g(2 way), 150g(3 way)
Casing	Bottom cover: PC, top cover: ABS+PC, front panel: glass



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best of the best



# Nature Switch L

Versatile style adapts to all trends



iPhone 15 like AG tempered glass



CoSS protocol, far transmission, anti-interference, high stability



10,000+ switch icon options



Customized 16 million LED indicator colors

Voice control App control Communicates with other devices

Works with Apple HomeKit works with the Google Assistant WORKS WITH amazon alexa

## General

Model Number	LS219-WF1/LS219-WF2/LS219-WF3
Installation	In-wall concealed with 120 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	L out 1 2 3, L in, N
Power Supply	AC 100-240V ~ 50/60Hz
Static Consumption	<0.6W
Maximum Overload	Resistive load 500W Capacitive load 200VA

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	White frame with white glass
Dimension	Outside the wall:70*120*11mm Whole product:70*120*37mm
Casing	PC+ABS



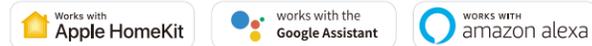
# BLEND Switch PRO - No Neutral

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

-  Large and flat panel
-  Simple modern design
-  Dual control, multiple control



-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS240-LW1/2/3, LS240-LG1/2/3
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
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	90V-250V AC, 5V-30V DC
Power Consumption	<1mW
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel
Battery Type	CR123A

Radio	
Radio Protocol	CoSS
Range(Open field)	200m

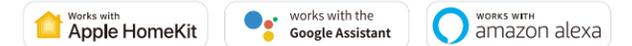
# BLEND Switch PRO

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

-  Large and flat panel
-  Customized 16 million colors panel light
-  Simple modern design
-  Dual control, multiple control



-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS240
Wiring	Live+neutral
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	< 0.6W
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load :200W per channel
Indicator	16Milion colors,brightness adjusted

Radio	
Radio Protocol	CoSS
Range (Open Field)	200m

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

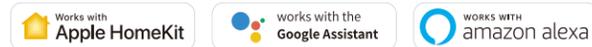
# BLEND Switch PRO (Metal)

Frameless and Simple

-  Microswitch makes the button feel more comfortable
-  Metal material with anodic oxidation processing technology
-  Micro hole and DIY LED indicator light
-  Simple and borderless design



 Voice control  App control  Communicates with other devices



General	
Model Number	LS240-MA1/2/3 LS240-MR1/2/3 LS240-MD1/2/3 LS240-MW1/2/3
Installation	In-wall concealed with 86 back box
Wiring	Live+neutral
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	<0.6W
Maximum Overload	Resistive load:500W per channel Inductive/Capacitive load:200W per channel

Radio	
Radio Protocol	CoSS
Range(Open field)	200m

# CUBE Clicker

A simple click to run complex scenes

-  Compact size and could be placed anywhere
-  Easily switch to different scenes
-  Multiple color options(White/Red/Wood)



 Voice control  App control  Communicates with other devices



General	
Model Number	LS069WH/RD/WG / LS151WH (Japan)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	1 Battery CR2450, 3V
Battery Life	Up to 1 year
Button	Control button pairing button
Indicator	LED

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

Construction	
Color	White / Red / Wood
Size	38.4*38.4*14.6mm
Weight	20g
Casing	ABS+PC

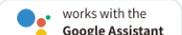
# Polar Switch

Independent power supply, perfect solution for 120 live-only wiring switches

-  Simple modern design
-  No flicker, safe and stable
-  No need of external wiring
-  Dual control, multiple control



-  Voice control
-  App control
-  Communicates with other

-  Works with Apple HomeKit
-  works with the Google Assistant
-  WORKS WITH amazon alexa

General	
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 5V-30V Or AC 90-250V
Static Consumption	< 1mW
Maximum Overload	Resistive load 500W (one way) Capacitive/Reductive load 200W (one way)
Battery Type	CR123A
Battery Lfie	5 years

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

Construction	
Color	White
Dimension	120*70*35mm
Casing	ABS+PC

Polar Switch (1 way)	
Model Number	LS211-WH1
Wiring	Live Only
Weight	103g

Polar Switch (2 way)	
Model Number	LS211-WH2
Wiring	Live Only
Weight	112g

Polar Switch (3 way)	
Model Number	LS211-WH3
Wiring	Live Only
Weight	123g

# Polar Switch (Live&Neutral)

Independent power supply,perfect solution for 120 wiring switch

-  Simple modern design
-  Screw-free wiring
-  LED status indication
-  Dual control, multiple control



-  Voice control
-  App control
-  Communicates with other

-  Works with Apple HomeKit
-  works with the Google Assistant
-  WORKS WITH amazon alexa

General	
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Static Consumption	< 0.6W
Maximum Overload	Resistive load 500W (one way) Capacitive/Reductive load 200W (one way)

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

Construction	
Color	White
Dimension	120*70*35mm
Casing	Bottom Cover:PC, Top Cover:ABS+PC

Polar Switch (1 way)	
Model Number	LS221-WH1/LS221-JW1
Wiring	Live+Neutral
Weight	121g

Polar Switch (2 way)	
Model Number	LS221-WH2/LS221-JW2
Wiring	Live+Neutral
Weight	127g

Polar Switch (3 way)	
Model Number	LS221-WH3/LS221-JW3
Wiring	Live+Neutral
Weight	133g

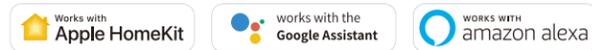
# Smart Switch Air

Ultra-thin panel design smart switch

-  Ultra-slim design
-  Customizable LED light-through holes
-  Laser engraving/UV customization
-  4 channels, 8 buttons



-  Voice control
-  App control
-  Communicates with other devices



## General

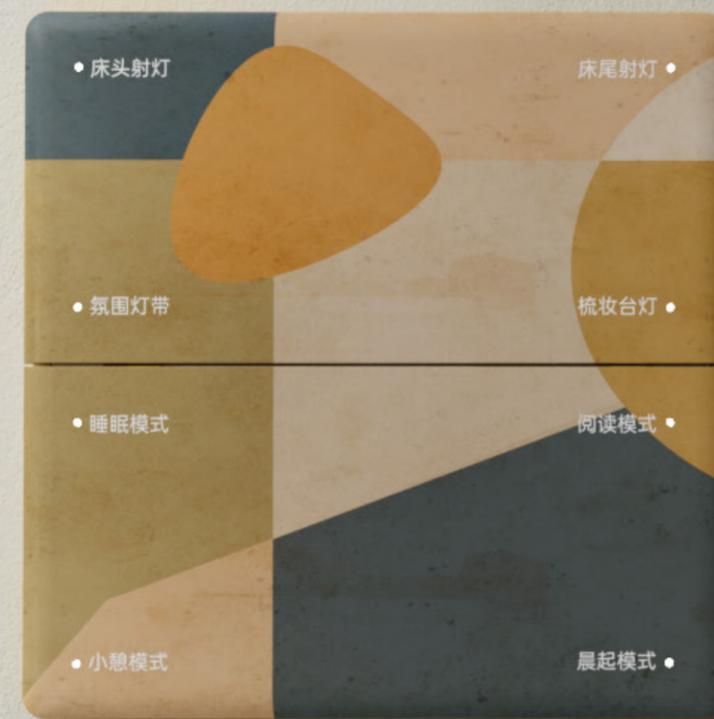
Model Number	LS222-WH4
Installation	In-wall concealed with 86 back box
Operating Temperature	-5°C ~ 45°C
Operating Humidity	5~90%
Wiring	L out 1 2 3 4, L in, N
Power Supply	AC 110-240V~50/60Hz
Static Consumption	<2.5W
Maximum Overload	Resistive load 500W Capacitive load 200VA

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	White
Dimension	Outside the wall:86*86*8mm Whole product:86*86*34mm
Casing	PC



# Dali Controller

Easily integrate DALI into the LifeSmart

-  Use the LifeSmart app remote control your DALI lighting on and off from anywhere.
-  Offering multiple control modes such as single-light control, group control, scene triggers, and broadcast functions.
-  High stability, CoSS overcomes the instability of traditional wireless signal transmission.



 App control  Communicates with other devices

General	
Model Code	LS266
Installation	Recessed installation in maintenance openings/inaccessible areas"
Operating Temperature	-5°C ~ 45°C
Operating Humidity	5%~90%
Operating Voltage	DC 12V
Standby Power Consumption	<1.5W
Supported DALI Devices	64 Devices Max
Supported DALI Scenes	16 Scenes Max
Supported DALI Groups	16 Groups Max

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

Construction	
Color	Matt White
Dimension	83.6*47.0*22.3mm (L*W*H)
Weight	ABS
Casing	50g±1

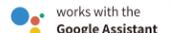
# CV Dimming Controller (CoSS)

LED dimming color and constant voltage controller

-  Built-in CoSS dimming module, easy to dimming
-  A variety of pairing methods
-  PWM stepless dimming technology, 1/10,000 depth dimming
-  Supports 12V~48V multiple voltage input and output



 Voice control  App control  Communicates with other devices

 Works with Apple HomeKit  works with the Google Assistant  WORKS WITH amazon alexa

General	
Model Number	LS265
Operating Temperature	-5~45°C
Operating Humidity	0~90%
Input Voltage	DC12-48V
Output Voltage	Same as input voltage
Port	DCin(+), GND, LED+, LED-C, LED-W
Maximum Load Current	6.25A
Static Power	<0.2W

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

Construction	
Color	Ivory white
Casing	PC
Dimensions	88*38*22mm

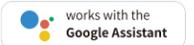
# Two Channel Dimmer Controller (0-10V)

Enjoy smooth brightness adjustment experience

-  Adjustable lighting brightness and color temperature
-  0-10V dimming technology
-  Supports control of up to 50 lights
-  Soft transition of dimming lights



-  Voice control
-  App control
-  Communicates with other devices

-  Works with Apple HomeKit
-  works with the Google Assistant
-  WORKS WITH amazon alexa

General	
Model Name	LS255
Wiring	Live, neutral, L0, DIM1+, DIM2+, GND, Light control
Control Unit	0/1-10V Dimmer control(Two way)
Compatible Lights	0/1-10V Dimmer&color temperature control lamp, Maximum 50 lamps(within 100mA)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	<1W
Maximum Overload	-
Button	Pairing&matching butto
Indicator	LED

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

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

# CUBE Switch Module

Make traditional switch into a smart one

-  The most compact smart switch module ever
-  Update a traditional switch to a smart one
-  Strong compatibility to different switch size



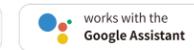
-  Voice control
-  App control
-  Communicates with other devices

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

General	
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Static Consumption	< 0.3W
Maximum Overload	Resistive load 300w per channel inductive/capacitive lead:150w per channel
Indicator	LED
Button	Pairing button
Wiring	Live+neutral

Construction	
Color	Ivory white
Casing	Flameresistant PC

-  Works with Apple HomeKit
-  works with the Google Assistant
-  WORKS WITH amazon alexa

One Way	
Model Number	LS176
Control unit	8A magnetic latching relay (one way)
Size	42*32*16mm
Weight	20g

Two Way	
Model Number	LS177
Control unit	8A magnetic latching relay
Size	42*32*16mm
Weight	25g



-  Works with Apple HomeKit
-  works with the Google Assistant
-  WORKS WITH amazon alexa

Three Way	
Model Number	LS193
Control Unit	16A Magnetic latching relay
Size	47*44*22mm
Weight	50g

# Dimmer & Motion Sensor Switch

Customize your own brightness with motion detection

- Multiple ways of lighting adjustment
- Automatically switch on and off by human motion detection
- Precise brightness control by percentage



Voice control App control Communicates with other devices

Works with Apple HomeKit works with the Google Assistant WORKS WITH amazon alexa

General	
Product Type	Wall mount switch
Wiring	Live+neutral
Control Unit	Triac control unit(one way)
Compatible Lights	Filament, halogen, LED lamp or other lamp with triac control
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Static Consumption	<1W
Maximum Overload	Resistive load: 250W Inductive/Capacitive load: 200W
Button	Dimmer button (Pressable) pairing&matching button Safety button
Indicator	Dimmer indicator light
Motion Detection	Yes (embedded motion sensor)
Light Detection	Yes (embedded light sensor)

Dimmer&Motion Sensor Switch	
Model Number	LS174 / LS154 (Japan)
Radio Protocol	CoSS

Radio	
Signal Range (Open Field)	100m

Construction	
Color	Ivory white
Dimension	120*70*47mm (with dimmer button) 68*40*27mm (flush-mount)
Weight	110g
Casing	Bottom cover: PC, others: ABS+PC

# Moonstone Switch 120

Touchable switch leads you into a simple smart life

- Simple modern design, jade like touch
- Customized 16 million colors indicator light
- Dual control, multiple control



Voice control App control Communicates with other devices

Works with Apple HomeKit works with the Google Assistant WORKS WITH amazon alexa

General	
Wiring	Live+neutral
Control Unit	10A magnetic latching relay
Operating Temperature	5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Static Consumption	< 1.5W
Maximum Overload	Resistive load: 500W per channel Inductive/Capacitive load: 200W per channel
Indicator	16Million colors

Construction	
Color	White glass+White frame/ Black glass+White frame
Dimension	120*72*35mm
Casing	Bottom cover: PC, top cover: ABS+PC, front panel: glass

Moonstone Switch 120 (1 way)	
Model Number	LS123WH/BL
Weight	151g

Moonstone Switch 120 (1 way)	
Model Number	LS124WH/BL
Weight	158g

Moonstone Switch 120 (1 way)	
Model Number	LS125WH/BL
Weight	167g

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

# Triac Dimmer Switch

LifeSmart's designed knob panel for the lighting industry

-  Metal knob, undamped knob construction, glass panel
-  Dimming through the triac control unit



-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS223BL
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	L out, L in, N
Power Supply	AC 100-240V ~ 50/60Hz
Static Consumption	<0.6W
Maximum Overload	Resistive load 350W, Capacitive load 200VA

Radio	
Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction	
Color	White Frame Black Glass
Dimension	Outside the wall:86*86*28mm Whole product:86*86*53mm
Casing	Panel: Glass, Top cover: ABS+PC, Base: PC, Knob: Anodized aluminum alloy
Weight	135g

# Nature Switch (Heavy Duty)

A smart switch designed to control high power machine or device.

-  Can withstand high current and control the live and neutral loop connect or disconnect at the same time
-  The high-power latching relay



-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS220-GRH
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	L in, L out, N in, N out, Earth
Indicator	Customizable RGB LED icon
Power Supply	AC 100-240V~ 20A

Radio	
Radio Protocol	CoSS
Signal Range(Open Field)	200m

Construction	
Color	White/Gray Frame Black Glass
Dimension	Outside the wall:86*86*11mm Whole product:86*86*37.5mm
Casing	Flameresistant PC

# HOME SECURITY

## DEFED Alarm Kit

- Anti-tamper Design for All Devices
- GSM Alarm Message
- Millisecond Response
- Power-off Prevention
- Compatible with 3rd-party Cameras
- Smart Linkage with Other Smart Home Devices



# DEFED Motion Sensor

DEFED Motion sensor is a motion sensor depending on passive infrared sensing technology

-  **Tamper protection**
-  **Long detection distance up to 12M**
-  **Battery life up to 7 years**
-  **Adjustable sensitivity**



 App control  Communicates with other devices



General	
Model Number	LS203WH
Installation	Wall mount
Operating Temperature	-5~45°C
Operating Humidity	5~90%
LED Indicator	Yes
Static Consumption	≤0.05mw
IR Detection Range	Up to 12m
IR Detection Angle	Up to 90°
Power Supply	Battery CR123A, 3V
Battery Life	Up to 7 years

Construction	
White/Black	White
Dimension	100*59.2*67.3mm (with bracket) 100*59.2*50mm (sensor only)
Casing	ABS+PC
Net Weight (with battery)	110g (with battery)

Radio	
Radio Protocol	CoSS
Signal Range(Open Field)	800m

# DEFED Door/Window Sensor

The Door/Window opening contact applicable for almost all windows or doors as you want

-  **With temperature detection and LED indicator**
-  **Tamper protection and alarm**
-  **800m wireless distance (open field)**
-  **Battery life up to 10 years**



 App control  Communicates with other devices



General	
Model Number	LS202WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	1 Battery CR123A, 3V
Power Consumption	Static power consumption≤0.01mw
Battery Life	Up to 10 years
Sensitive Element	Magnetic sensor, temperature sensor
Activation Distance	2.5cm
Interface	NC interface for extended sensor
Button	Power switch button
LED Indicator	LED×1
Screen	-
Audio	-

Radio	
Radio Protocol	CoSS
Radio Frequency	433MHz
Signal Range (Open Field)	800m

Construction	
Color	White
Dimensions	Sensor: 22*22*89mm, Magnet: 10*12*89mm
Weight	44g
Casing	PC

# DEFED Indoor Siren

DEFED Indoor siren is the sound notifier of alarm system. When there is an alarm message is triggered, a loudly notification will produced by this equipment

**105**  
dB **Maximum sound can be up to 105dB**

**5**  
YEARS **Battery life up to 5 years**

**Tamper protection**



App control Communicates with other devices

## General

Model Number	LS204WH
Installation	Wall mount
Operating Temperature	-5~45°C
Operating Humidity	5~90%
LED Indicator	Yes
Static Consumption	≤0.3mw
Interface	Interface for extended LED
Power Supply	Indicator
Sound Volume	2 Battery CR123A, 3V
Buzzer Operating Frequency	87~105dB at a distance of 1m
Battery Life	3500 ± 500Hz

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	800m

## Construction

White/Black	White
Dimension	85.6*85.6*34mm
Casing	ABS+PC
Net Weight (with battery)	130g

# DEFED Key Fob

The most convenient portable controller for your alarm system

**Customized button for scene triggering**

**Both for alarm system and smart home system**

**800m wireless distance transmission (open field)**

**LED indicator for visual feedback**



App control Communicates with other devices

WORKS WITH amazon alexa

## General

Model Name	LS201WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	1 Battery CR2450, 3V
Battery Life	Up to 10 years
Button	4 Button
Indicator	LED

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	800m

## Construction

Color	White
Size	74*39*11.9mm
Weight	19g
Casing	PC

# Motion Sensor PRO

A tiny Motion sensor combined PIR technology and light detection

-  Light variation detection
-  Human motion detection
-  Motion and light intensity linkage
-  The battery life can reach up to 5 years



 App control  Communicates with other devices



General	
Model Number	LS235WH
Battery type	CR123A
Standby time	Up to 5 years
Operating voltage	DC 3V
Operating temperature	-5~45°C
Operating humidity	5~90%

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

Construction	
Color	White
Dimensions	66*42*25mm
Weight	ABS
Casing	24g(without batteries)

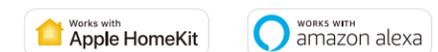
# CUBE Environmental Sensor

One device to simultaneously monitor the temperature, humidity and illumination and indicate these data with a LCD display

-  Built-in multiple sensors including temperature detection, humidity detection and light detection
-  Real-time data display on the screen
-  Notifications and record searching via the app
-  Tiny size and could be placed anywhere



 App control  Communicates with other devices



General	
Model Number	LS063WH / LS091WH (Japan)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	1 Battery CR2450, 3V
Static Consumption	<1mW
Battery Life	Up to 1 year
Sensitive Element	Temperature sensor, humidity sensor, light sensor
Interface	-
Button	Pairing button
Indicator	LED
Display	LCD
Audio	-

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

Construction	
Color	Ivory white
Dimensions	38.4*38.4*16.2mm
Weight	24g
Casing	ABS+PC

# CUBE Door/Window Sensor

A simple-to-install door/window sensor combined magnetic sensor and vibrating sensor

-  **Remote alarm once opening or vibrating detected**
-  **Real-time feedback on door/window status**
-  **Notifications and record searching via the app**
-  **One-button for scenes control**

 App control  Communicates with other devices

 Works with Apple HomeKit  Works with Amazon Alexa



General	
Model Number	LS058WH / LS149WH (Japan)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	1 Battery CR2450, 3V
Static Consumption	<1mW
Battery Life	Up to 1 year
Sensitive Element	Magnetic sensor, vibration sensor
Detection	Slide and shake detection of the door and window
Interface	-
Button	Customizable button, pairing
Indicator	button
Display	LED
Audio	-

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

Construction	
Color	Ivory white
Dimensions	38.4*38.4*14.6mm
Weight	20g
Casing	ABS+PC

# Household Gas Detector (ZigBee)

Every gas leak can be detected and alerted in time

-  **Advanced gas-sensitive elements**
-  **High sensitivity and stable operation**
-  **Embedded ceiling mouting**
-  **Support sound and light/wireless network alarm**
-  **Maximum sound can be up to 70dB**



 App control  Communicates with other devices

General	
Model Number	JT-GA102
Installation Method	Ceiling-mounted
Operating Temperature	0~55°C
Operating Humidity	≤95%RH
Power Supply	AC 100-240V
Standby Current	<100mA
Alarm Current	<150mA
Detection Gas Type	Methane (natural gas)
Alarm Gas Concentration	8%LEL
Concentration Error Range	±3%LEL
Sound Alarm	Alarm speaker Alarm sound pressure ≥70db (1m in front of the detector)

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

Construction	
Color	white
Dimensions	ø80×ø65×45mm
Weight	108g
Casing	PC,ABS

# Independent Photoelectric Smoke Detector (ZigBee)

Sensitive detection to prevent fires before they happen

-  Stable and sensitive photoelectric sensor
-  Product certification: CCCF/ROHS/CE
-  High decibel alarm volume
-  Battery life up to 3 years



 App control  Communicates with other devices

General	
Model Number	MIRSM100
Installation	Ceiling
Operating Temperature	-10~50°C
Operating Humidity	≤95%RH
Power Supply	DC 3V (CR123A battery)
Standby Current	<15uA
Alarm Current	<40mA
Battery Life	More than three years (20times/day)
Remote Frequency	2.4GHz
Alarm Sound Pressure	≥80 dB (3 m in front of the smoke detector)

Radio	
Radio Protocol	ZigBee 3.0
Range (Open field)	50m

Construction	
Color	White
Dimensions	φ90*37mm
Weight	106g
Casing	PC,ABS

# Human Presence Sensor (Radar Detector, ZigBee)

Better sensors, better smart experience

0-4m

Triggering distance adjustable from 0 - 4m. Supports 3 - level sensitivity (high, medium, low)



Features AI environmental self-learning to auto-block indoor interference



Support changing the delay time, 30S~30min eight gears adjustable

 App control  Communicates with other devices

General	
Model Number	MSA201 Z
Operating Temperature	0°C~50°C
Operating Humidity	-25°C~+80°C
Operating Voltage	AC 110V-240V 50/60Hz
Stand-by power	≤1W
Mounting height	2.5-4m
Detection	0-4m, set via APP
Hold Time	3-7200s, set via APP
Detection Range (Radius) (Note 3)	Big motion: 3-4m Minor motion: 2.5-3.5m Breathing: 2.5-3.5m
Cut-out size	Cut a hole of 55mm on the ceiling
Installation	Flush Mounted



 Works with Apple HomeKit

Radio	
Radio Protocol	ZigBee
Range (Open field)	100m

Construction	
Color	white
Casing	ABS
Dimensions	Φ65xΦ52x49.5mm

# Water Leak Sensor

Ensure safety and the comfort of use when there is water leak

-  Water leak detection
-  Real-time monitoring of your house safety
-  Notifications and record searching via the app

 App control  Communicates with other devices



## General

Model Number	LS064WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Sensitive Element	Leak sensor
Power Supply	1 Battery CR2450, 3v
Power Consumption	Static consumption<30μw Alarm consumption<100mw
Battery Life	Up to 1 year
Interface	Water sensing probe
Button	Pairing button
Indicator	LED
Display	-
Sound Alarm	-

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

## Construction

Color	Ivory white
Dimensions	50*72*20mm
Weight	31g
Casing	ABS+PC

# In-wall Air Quality Detector (ZigBee)

In-wall Air Quality Detector is an air quality monitor terminal that can be equipped with optional PM2.5 sensor, temperature and humidity sensor

-  Built-in high precision sensor
-  Real-time data display on TFT screen
-  24-hour air quality detection
-  APP real-time view of air quality

 App control  Communicates with other devices



## General

Model Number	PMT300-SGM-ZTN
Installation	In-wall concealed with 86 back box
Operating Temperature	-10~55°C
Operating Humidity	≤95% (non-condensing)
Power Supply	AC 100-240V
Operating current	≤100mA
Detection type	PM2.5 Temperature and Humidity
PM2.5 Range	0~999ug/m3
Screen	TFT screen

## Radio

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

## Construction

Color	Black
Dimensions	86*86*60mm
Weight	172g
Casing	PC,ABS

# Gas Sensor

A gas sensor with sound alarm for immediate notifying

-  **Multi-type gas detection including methane, natural gas and biogas**
-  **Real-time monitoring of your house safety**
-  **Notifications and record searching via the app**
-  **Built-in sound alarm**

 App control  Communicates with other devices



General	
Model Number	LS086WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Detecting Types	Methane、natural gas、biogas
Sensitive Element	Gas sensor Concentration range: 300~10000ppm Sensitivity adjustable
Power Supply	DC 5V
Power Consumption	450mW
Battery Powered	No
Battery Type	-
Interface	Micro usb power supply×2 (Two orientations, only need to connect one of them )
Button	Self-checking button Pairing button
Indicator	LED
Sound Alarm	Alarm speaker Alarm sound pressure>70db/m

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

Construction	
Color	Ivory white
Dimensions	71*71*32mm
Weight	55g
Casing	ABS

# Smart Door Lock C200

Make you safe and worry-free every time you open the door

-  **4 dry cell batteries, type-c emergency power supply**
-  **5 types of access**
-  **Multiple warning for safety**
-  **Self-developed CoSS module**

 App control  Communicates with other devices



General	
Model Number	C200
Unlocking ways	Fingerprint/Password/Mechanical Key / LifeSmart App/Electronic Encryption Card
User Capacity	50 groups
Fingerprint Reader	Semiconductor sensor
Password Input	Touch key
Password Function	Virtual password; Password protection
Chip System	Dual CPU and dual system
Fingerprint Identification Time	< 0.5s
Up-down Hook	Support
Cylinder Lock	Grade C
Mechanical Keys	2
Power Supply	4 AA dry batteries, Type-C emergency power supply
Operating Temperature	-25°C-70°C
Suitable Door Thickness	40-120mm
Suitable Lock Body	J6068 (Standard)

Radio	
Radio Protocol	CoSS
Range (Open field)	100m

Construction	
Color	Black and Gold
Dimension	360*73*23mm
Casing	Aluminum alloys + IML

# Indoor Camera (5MP)

An intelligent indoor camera with human detection, allowing you to monitor what matters, without receiving annoying false alerts



**Smart Tracking:** Automatically tracks moving objects



**Privacy Mode:** Hide the lens to protect your personal privacy



**Abnormal Sound Alarm**



**Two-way Talk:** Communicate with family and pets easily

App control



## General

Model Number	LS288
Imaging Device	1/3"
Effective Pixels	5MP: 2688(H)×1664(V)
Scanning System	Progressive CMOS
Video Compression	H.265/H.264
Wi-Fi	IEEE802.11b/g/n
Video Compression Format	H.265/H.264
Video Quality Adjustment	128Kbps ~ 4Mbps
Open Field	50m
Operating Conditions	-10°C~+45°C, Less Than 95%RH
Ingress Protection	IP66
Power Supply	DC 5V1A
Power Consumption	< 3.75W

## Lens Type

Fixed Lens	3.6mm
Field of View	87°(H), 48°(V), 108°(D)
Night Vision	10m(33ft) Distance
Lens Type	8X Digital Zoom

## Operational

Smart Features	Motion Detection, Human Detection, Configurable Region, Abnormal Sound Alarm
----------------	------------------------------------------------------------------------------

## Construction

Color	white
Dimension	77.4× 77.4 × 106.2mm
Weight	197g

# Indoor Camera

An intelligent indoor camera with human detection, allowing you to monitor what matters, without receiving annoying false alerts

-  **1080P high definition real-time monitoring**
-  **Two-way talk**
-  **IR night view**
-  **Communicates with other devices and alarm notifications**

 App control



General	
Model Number	LS258
Fov	80±5° (Horizontal)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 5V
Power Consumption	<5W
Battery	No
Interface	Micro USB power input TF card slot
LED Indicator	Blue
Ingress Protection	Indoor
Network	Wi-Fi 2.4GHz
Button	Pairing/operating button
Resolution	1080P
Compression	H.264
Night View	IR 8m
PTZ	Horizontal 345° remote panning Vertical 90° remote tilting

Audio	
Two-way Talk	Yes
Audio Message	No
Speaker	1
Mic	1

Storage	
Built-in Storage	No
External Storage	TF card

Construction	
Color	Ivory white
Dimension	70*70*110mm
Weight	220g
Casing	ABS

# Outdoor Camera

1080P outdoor camera with sound-light alarm to actively guard your house 24/7

-  **1080P high definition real-time monitoring**
-  **Active deterrence with sound-light alarm**
-  **IR night view**
-  **IP66 ingress protection for outdoor installation**

 Voice control  App control  Communicates with other devices



General	
Model Number	LS259
Fov	110°
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 12V
Power Consumption	<12W
Battery	No
Interface	Power port Ethernet port/PoE power port Antenna port TF card slot
LED Indicator	No
Ingress Protection	Indoor/Outdoor IP66
Network	Wi-Fi 2.4GHz
Button	Pairing/operating button
Resolution	1080P
Compression	H.264
Night View	IR 15m
PTZ	Manual adjustment

Audio	
Two-way Talk	Yes
Audio Message	No
Speaker	1
Mic	1

Storage	
Built-in Storage	No
External Storage	TF card

Construction	
Color	Ivory white
Dimension	70*70*184mm
Weight	411g
Casing	Aluminium alloy



## Smart Curtain Motor

Turn your traditional curtains into smart ones



One tap to control the whole shading system



Scheduled task



Accurate control by percentage



Voice control



App control



Communicates with other devices



### General

Model Number	LS133WH
Moving Speed	14cm/s
Rated Torque	1.2Nm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Ingress Protection	IP40
Power Supply	AC 100V-240V 50/60Hz
Power Consumption	13W
Power Cable Length	125cm
Interface	Serial port Weak Current switch interface
Indicator	LED
Maximal Track Length	8m
Maximal Load	50Kg

### Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

Button	Reset/Receiver pairing button Smart station pairing button
Ingress Protection	IP40
Strong Power	Yes
Weak Power	Yes
Receiver Control	Yes
Electronic Limit Switch	Yes
Manual Control	Yes
3rd Intermediate Limit Position	Yes
Obstacle Stop Function	Yes
Hand Operable During Power-off	Yes
Auto End Limits Setting	Yes

### Construction

Color	White
Dimensions	365*60*50mm
Weight	1.3KG
Casing	Aircraft aluminum

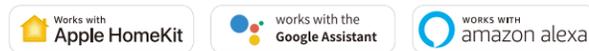
# DC Tubular Motor (V2)

Inspired by classic modernist design

-  Large torque 5N.m, goodbye to heat
-  Wide voltage, multiple scenarios  
100-240V
-  Three speed adjustments
-  Suitable for a variety of curtains



 Voice control  App control  Communicates with other devices



General	
Model Number	TP35-5/26EHU
Installation	In-wall concealed with 86 back box
Operating Temperature	-15°C-55°C
Operating Humidity	5~75%
Interface	Live, Neutral, Curtain open, Curtain close
Power Supply	close
Static Consumption	AC 100-240V 50/60Hz
Maximum Overload	<1.5W

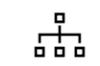
Construction	
Color	White
Dimensions	36.4*540.5mm
Casing	Aluminum alloys

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

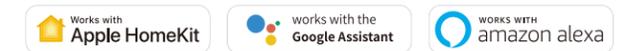
# Retractable Track Curtain

Stable and flexible

-  28db Silence Design
-  Universal Adapter
-  One-click access, no waiting
-  Freedom of movement with telescopic track



 Voice control  App control  Communicates with other devices



General	
Model Number	MP60
Rated Voltage	AC100-240V 50/60Hz
Weight-bearing Overload	40Kg
Is It Possible To Make A Curve	Unsupported
Levels Of Protection	IP41
Insulation Grade	CLASS F
Accreditation	CE/CCC/ROSH

Construction	
Color	Ivory
Dimension	50.6mm*60mm*275mm
Casing	Alufer
Rating Torque	1.5 N.m
Unloaded Speed	75(Factory Default)/85/95rpm

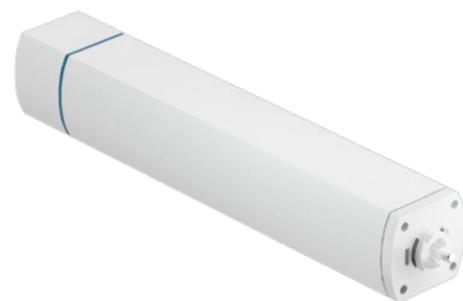
Track Construction	
Color	Ivory
Dimension	telescopic track of 1.8m-3.0m/2.5m-4.5m
Dimension	67mmx54mm
Load-bearing values for double tracks	30kg

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

# Silent Track Curtain Motor

Silent Track Curtain Motor. Soak In The Silence

-  30dB silence design
-  Universal adapter
-  5 Certifications(3C/CE/PSE/FCC/RCM)
-  Voice control(Work with Apple HomeKit, Amazon Alexa and Google Assistant)



 Voice control  App control  Communicates with other devices



## General

Model	BCM500DS	Power Supply	AC100-240V 50/60Hz
Casing	Aluminum Alloy	Maximal Load	50Kg
Dimension	50mm*55mm*315mm	Ingress Protection	IP20
Rated Torque	1.2 N.m	Insulation Class	CLASS F
Moving Speed	12cm/s	Ingress Protection	CoSS
Power Consumption	40W	Signal Range	200m (open field )

# QuickLink Curtain Motor

Turn your traditional curtains into smart ones

-  Adjustable track length
-  One tap to control the whole shading system
-  Scheduled task
-  Accurate control by percentage



 Voice control  App control  Communicates with other devices



## General

Model Number	BCM100D	Maximal Load	40Kg
Curtain Track Length	Maximal 5.2m	Indicator	LED
Moving Speed	12cm/s	Ingress Protection	IP20
Rated Torque	1.2Nm	Strong Power	Yes
Operating Temperature	-20~85°C	Weak Power	Yes
Operating Humidity	0~80%	Receiver Control	Yes
Power Supply	100-240V AC 50/60Hz	Electronic Limit Switch	Yes
Power Consumption	40W	Manual Contraol	Yes
Power Cable Length	85cm	3rd Intermediate Limit Position	Yes
Interface	RJ11	Obstacle Stop Function	Yes
Button	Coding / Setting button	Hand Operable During Power-off	Yes
Track Set	Track(1m)* 4, track (0.5m), track(0.2m)*2, track(0.1m), connector(0.2m), connector(0.1m)*5	Auto End Limits Setting	-

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

## Construction

Color	White
Dimensions	270*50*50mm
Weight	5kg
Casing	ABS, aluminum



# BLEND Curtain Controller PRO

Inspired by classic modernist design

-  Inspired by classic modernist design
-  Two color for optional
-  Make traditional curtain motor smart
-  Remotely control the curtain via mobile app or Nature panel series

-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS240-WCN, LS240-GCN
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	Live, Neutral, Curtain open, Curtain close
Power Supply	AC 100-240V 50/60Hz
Static Consumption	<1.5W
Maximum Overload	200W

Construction	
Color	White/Gray
Dimensions	86*86*36.5mm
Casing	Panel: ABS+PC, Control Accessory: PC

Radio	
Radio Protocol	CoSS
Range(Open field)	200m

# Nature Mini PRO (Thermostat)

Fan coil and floor heating two-in-one thermostat features with gateway and touch screen



- < 5 > Five modes : Fan Coil & Water Floor Heating, Single Fan Coil, Double Fan Coil, Water Floor Heating, Ventilation
-  Intelligent temperature adjustment
-  Remote control
-  Energy saving

-  App control
-  Communicates with other devices

General	
Model Number	LS268-WT1/GT1
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Network	Wi-Fi 2.4GHz/5GHz
Interface	Low, Med, High, Val1, Val2, Live, Neutral;
Screen	4 inch
Resolution	480*480
Operation System	Linux
Power Supply	AC 100-240V 50/60Hz
Speaker	Yes

Construction	
Color	White/Gray
Dimension	Outside the wall:86*86*11mm; Whole product:86*86*36mm;
Casing	Flameresistant PC
Net Weight	156.8g(1 way) / 165.3g(2 way) / 173.9g(3 way)
Gross Weight	226.1g(1 way) / 234.2g(2 way) / 242.8g(3 way)

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

General	
Functions	One-click pairing, device management, weather display, scenes control, multi GUI skin, device control, remote control via mobile app
Support Devices	All CoSS equipment, SONOS music box
Controllable Devices	Switches, lights, curtain motors, tubular motors, underfloor thermostats, fan coil thermostat, air conditioner gateways, electrical appliances(via SPOT-universal infrared controllers), etc.

# Nature Thermostat (24V System)

Remotely control the temperature in your home

-  Suitable for a variety of domestic, commercial and industrial scenarios
-  Control the temperature at the end of the HVAC system
-  Energy saving



-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS220-WT2/LS220-GT2
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	Y, W, G, C, R;
Screen	LCD
Power Supply	AC24V

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

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

# Smart Central Air-conditioning Gateway

Connect VRV central AC to LifeSmart system with AC gateway

-  Smart temperature adjustment
-  Energy consumption saving
-  Scheduled task



-  Voice control
-  App control
-  Communicates with other devices



General	
Model Number	LS175
Operating Temperature	-20~85°C
Operating Humidity	<80%
Power Supply	DC 12V
Static Consumption	<1.2W
Maximum Overload	-
Indicator	Yes
Display	Backlit display
Installation Method	-
Interface	Control output*14 DC power in, RJ45
Button	Dial switch*2 Set, Up, Down

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

Function Info	
Mode	Cooling / heating / ventilation / dehumidification
Temperature Range	19-30°C
Set Stepping	1°C
Measurement Accuracy	-
Temperature Sensor	-

Construction	
Color	White
Dimensions	105*86*58mm
Weight	200g
Casing	Flameresitant ABS

# RS485 Converter

Transfer RS485 signal to CoSS signal

**485** Support RS485 protocol communication

 Easy to integrate with 3rd party devices

 Multiple functions for energy usage monitoring of electric meter and controlling of traditional HAVC

 App control

 Communicates with other devices



## General

Model Number	LS080HV
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V or DC12V
Power Consumption	Standby mode power consumption<1.5W
Interfaces	AD+, BD-, GND, DC+, 5V output

## Radio

Radio Protocol	CoSS
Radio Frequency	433MHz
Signal Range (Open Field)	200m

## Construction

Color	Ivory white
Dimensions	83.6*47.0*22.3mm
Weight	50g
Casing	ABS

# Smart Plug

(CoSS EU & FR, with Monitor Energy Usage)

EU & FR standard plug, changing traditional electronic appliances to be smart ones

 Energy usage monitor

 Wide voltage range

 App control

 App control

 Communicates with other devices



## General

Model Number	LS159
Installation	Plug and play
Operating Temperature	-5 ~ 45°C
Operating Humidity	5 ~ 90%
Operating Voltage	AC 100 ~ 240V 50/60Hz
Operating Frequency	433 MHz
Maximum Load	3400W (16A)
Power Consumption	<0.6W
Socket Standard	EU & FR socket
Certification	CE

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	White
Dimension	61*61*84mm
Weight	95g
Casing	PC

# Smart Plug

(ZigBee US, with Monitor Energy Usage)

US standard plug, changing traditional electronic appliances to be smart ones

-  Energy usage monitor
-  ZigBee 3.0 protocol
-  Wide voltage range

 App control  Communicates with other devices



## General

Model Number	BSD57+
Installation	Plug and play
Operating Temperature	-20°C~+50°C
Operating Humidity	<80%
Operating Voltage	AC 100-240V 50/60Hz
Operating Frequency	2400 ~ 2483.5MHz
Maximum Load	1800W(16A)
Power Consumption	≤0.4W
Socket Standard	US Socket
Certification	CE, FCC

## Radio

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

## Construction

Color	White
Dimension	83*37*52mm
Weight	73g
Casing	PC+ABS(V0 Fire-protection)

# Smart Plug

(ZigBee UK, with Monitor Energy Usage)

UK standard plug, changing traditional electronic appliances to be smart ones

-  Energy usage monitor
-  ZigBee 3.0 protocol
-  Wide voltage range

 App control  Communicates with other devices



## General

Model Number	BSD48
Installation	Plug and play
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Operating Voltage	AC 100-240V 50/60Hz
Operating Frequency	2400 ~ 2483.5MHz
Maximum Load	3120W(13A)
Power Consumption	<1.3W
Socket Standard	UK Socket

## Radio

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

## Construction

Color	White
Dimension	58*58*56mm
Weight	73g
Casing	PC

# General Controller

A professional engineer device, updating switches/buttons/sensors of dry contact to integrate with LifeSmart system perfectly and achieve intelligent control

-  **Strong compatible for multiple smart home devices**
-  **Easy to integrate 3rd party devices**
-  **Multiple functions for light control, garage door control, etc.**



 Voice control  App control  Communicates with other devices



General	
Model Number	LS143
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 12V/24V
Power Consumption	Standby mode power consumption<1.5W
Maximum Overload	3A
Interfaces	5 control modes, 3 interfaces maximum

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

Construction	
Color	Ivory white
Dimensions	83.6*47.0*22.3mm
Weight	50g
Casing	ABS

# HA Interface Adaptor

A professional engineer device, updating switches/buttons/sensors of dry contact to integrate with LifeSmart system perfectly and achieve intelligent control

-  **Compact size**
-  **Wall mount design, easy to incorporate**
-  **Multiple functions for light control, garage door control, etc.**



 Voice control  App control  Communicates with other devices

General	
Model Number	LS155
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	< 1W
Relay Overload	DC 30V 2A AC 125V 0.5A
Interfaces	HA Interface X 3 Relay Interface X 3 Input Indication Interface X 3
Indicator Light	Pairing Interface overall status (INFO) Interface status X 9
Installation	Wall mount

Radio	
Radio Protocol	CoSS
Range (Open Field)	100m

Construction	
Color	White
Dimensions	92*32*18.7mm
Weight	29g
Case	ABS+PC

# Universal Remote Controller - SPOT

IR remote controller, USB interface, 16 million colors to create various lighting effects, ornamental and practical as a desktop storage unit

- Universal IR remote control
- Unique exterior design - ornamental and also practical as a desktop storage unit
- Convenient USB charge interface
- 16 Million colors to create various lighting effects

- Voice control
- App control
- Communicates with other devices



## General

Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 5V
Interfaces	Micro USB power supply USB output
Button	Configuration button
Indicator	16 million color
Remote Range	360°, 5-10m
Remote Frequency	38KHz

## Software

APP Control	Yes
Voice Control	Yes
Code Library Match	Yes
Code Library Update	Yes
Remote Control Learning	Yes

## SPOT (WiFi Series)

Model Number	LS136(CoSS)
Power Consumption	≤1.3W
Radio Protocol	Wi-Fi 2.4GHz
Signal Range (Open Field)	50m

## SPOT (CoSS Series)

Model Number	LS136 / LS152(Japan)
Power Consumption	≤1W
Radio Protocol	CoSS
Signal Range (Open Field)	100m

## Construction

Color	Ivory white
Dimensions	128*128*53mm
Weight	260g
Casing	ABS

# SPOT Mini

All-in-one IR remote controller for active TVs, air conditioners, fans, DVDs, STBs, TV BOXes, etc. It covers nearly 6,386 brands of appliances in 109 countries

- IR appliances control
- Supports magnetically wall installation
- Up to 12m infrared distance
- Full angle IR remote range

- App control
- Communicates with other devices



## General

Model Number	LS251WH/LS252WH (Japan)
Installation	Wall mount/plug and play
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Interface	Micro USB
Indicator	Green LED
Button	Pairing button
Power Supply	DC 5V/2A
Power Consumption	<1W
Remote Frequency	38KHz
Remote Range	Vertical Direction: 180° Horizontal Direction: 360° Distance: 5-12m

## Construction

White/Black	White
Dimension	φ79.5*25mm
Casing	PC, ABS
Net Weight	70g

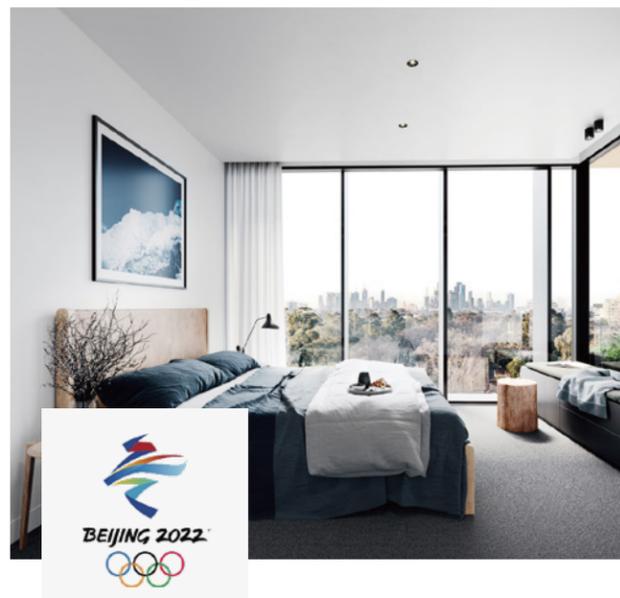
## Radio

Radio Protocol	CoSS
Signal Range(Open Field)	200m

# Smart Residence



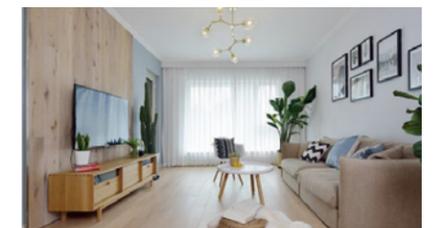
As the nominated supplier of the smart home solution for the Beijing 2022 Winter Olympics, LifeSmart equips the Beijing Winter Olympics Village with the full smart home solutions integrating smart curtains, smart plugs, door/window sensors, motion sensors, smart HVAC, and smart lighting. These solutions create residential environments featuring comfortability, safety, intelligence, and energy efficiency.



AP Group, Thailand



Mitsubishi Estate, Japan



Lixil, Japan



Arada, UAE



Binghatti, UAE



SK shieldus, South Korea

# Smart Hotel

LifeSmart provides hotel partners with energy-saving, comfortable, efficient, and safe all-scene smart products, and creates high-quality hotel services and lifestyles for consumers. The industry-leading smart hotel management system can significantly improve hotel operation efficiency and reduce hotel management costs, helping hotel partners maximize their revenue.

## 1 Check-in

Online Room Selection

Self Check-in

## 2 During the stay

Smart Door Lock

Smart HVAC

Voice Control

Smart Lighting

Smart Shading

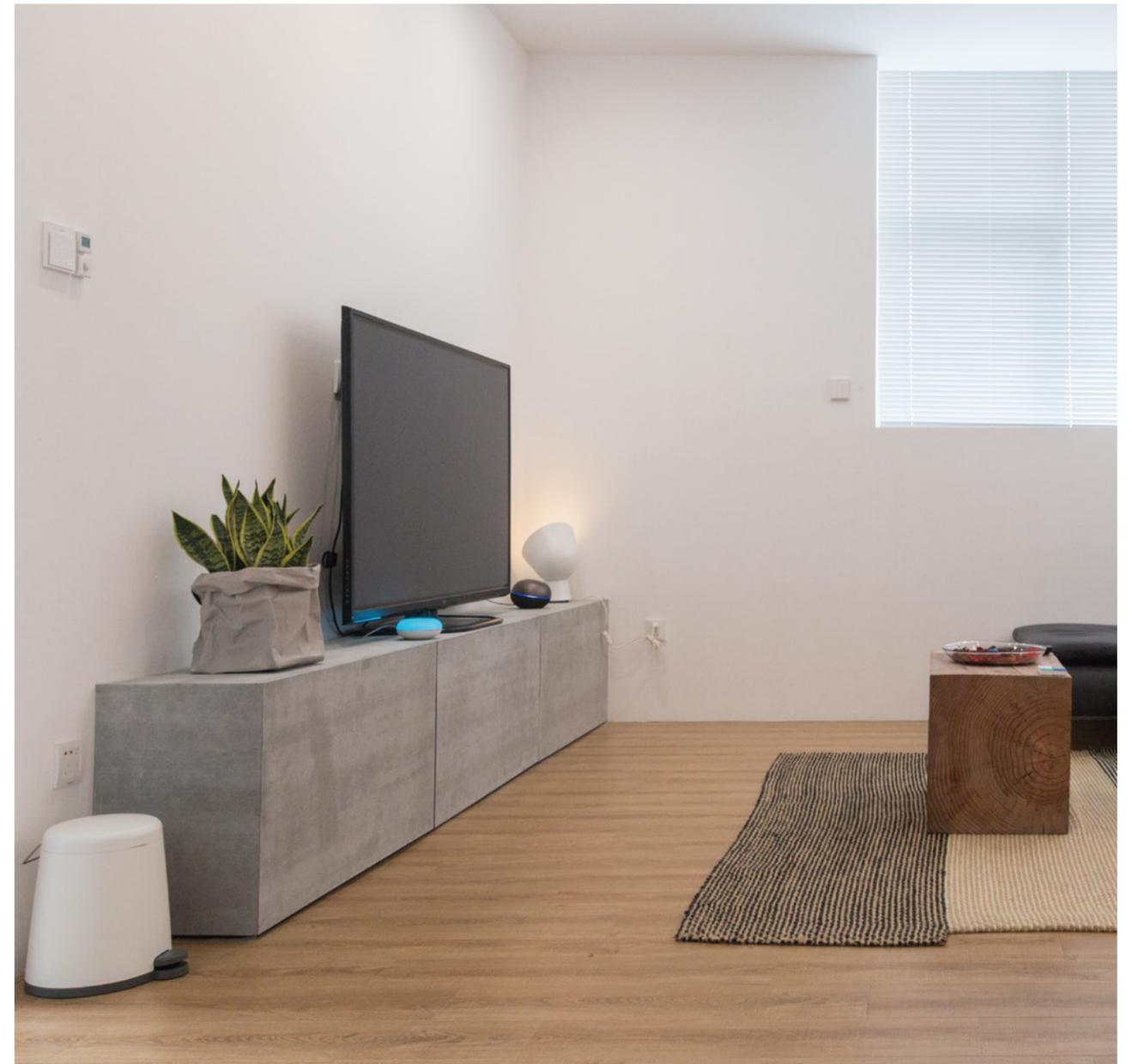
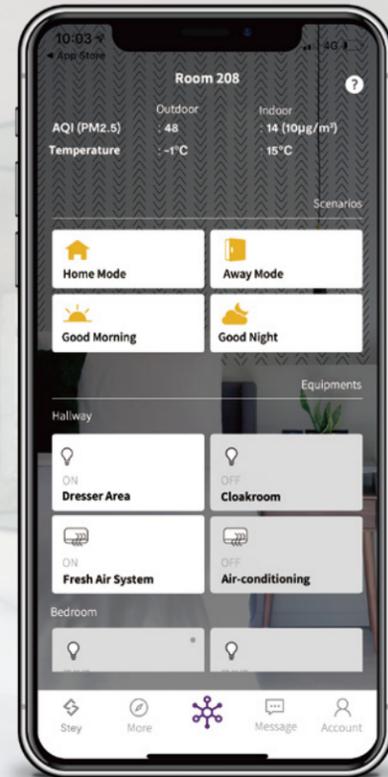
APP Control

## 3 Check-out

Online Check-out

Online Feedback

Invoicing Appointment



## Stey

As a co-living brand from Northern Europe, Stey has created an innovative blend of home, co-living space and hotel, combining traditional hospitality with the smart digital solutions powered by LifeSmart.

Stey has redefined the "link" between people and space by using the advanced AI and IoT technology. We believe that design and technology will deeply change our daily life. LifeSmart and Stey will together deliver a new living experience for every single customer.

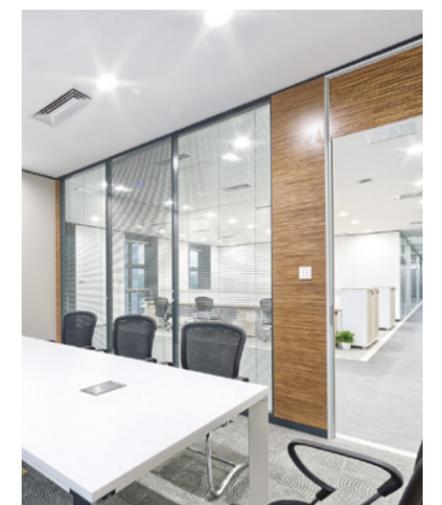
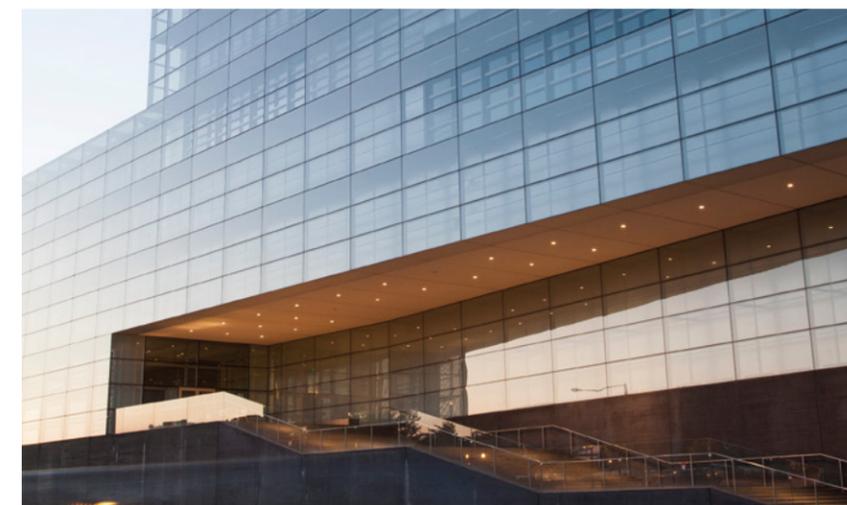
# Smart Office

LifeSmart Smart Office Solution is committed to providing enterprises with the ultimate energy management strategy, efficient space operation strategy, and humanized light adjustment strategy. We use cloud computing and edge computing technology, combined with our software and hardware product capabilities, to digitize the office, and use a visual management system to empower the modern management of the enterprise.



LifeSmart offers smart office solutions to the Alibaba headquarter office (290,000 square meters), Baidu headquarter office (160,000 square meters), and Huawei Indonesia office (13,600 square meters). The powerful LifeSmart Enterprise Platform gives us not only the wireless control of all smart devices under our brand but also access to the intelligent office management systems of our

LifeSmart provides different scenario-based solutions for the office area and meeting rooms. Operations on air conditioners, lights, and curtains can be automatically triggered in accordance with the users' habits in the office, making the office more intelligent, comfortable, and energy-efficient.



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