



SMACROM SMART AUTOMATION PRODUCT CATALOG

Smart Home | Security | Lighting | Sensors | Shading | HVAC | Energy Management

Curated product specifications for SMACROM client proposals and system integration projects.

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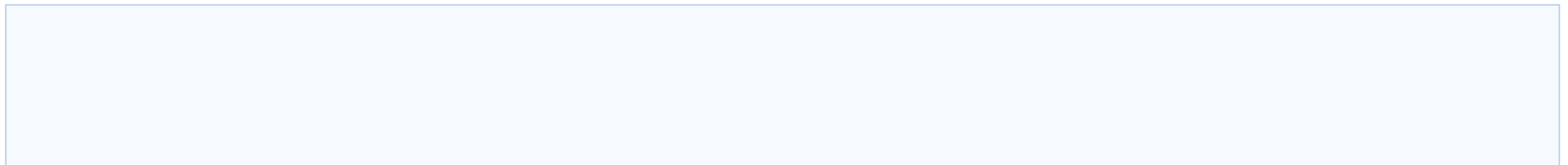


CLIENT PRODUCT SELECTION GUIDE

This catalog is prepared by SMACROM for project assessment, proposal attachment, and client product selection. Product specifications and model identifiers are based on supplier/manufacturer documentation provided to SMACROM. Actual availability, compatibility, finish, model revision, warranty, and project pricing are subject to confirmation before procurement.

For final proposals, SMACROM may recommend equivalent or updated products where necessary to meet the approved project requirements, electrical conditions, communication protocols, and installation environment.

Pricing is intentionally excluded from this client-facing catalog. Vendor pricing, margins, internal costing, and profitability remain in the private SMACROM Product Library and Financial Management modules.



Smart Entertainment





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-inch resolution 454*454 OLED knob screen

- App control
- Communicates with other devices



General			
Model Number	LS280-AQ	Sensor	Temperature sensor, Humidity sensor, CO ₂ sensor, PM2.5 sensor
Operating Temperature	-5~45°C	Microphone	Yes
Operating Humidity	5~90%	Speaker	Yes
CPU	Quad-core Cortex-A7	CO2 sensor	0~500ug/m3
Interface	Type-C Power input	PM2.5 sensor	400~2000ppm
LED Indicator	9+4 16 million colors LED	Content	Nature X PRO, USB-C cable, Users' guide
Screen	1.39 inch	Operation System	Android
Resolution	454*454		
Input	DC 5V 2A		

Construction		Radio	
Color	Black	Radio Protocol	CoSS, Zigbee, Wi-Fi
Casing	ABS + Zinc alloy	Signal Range (Open Field)	200m(CoSS)
Size	143*112*98mm		
Weight	900g		



SMART INTERACTION



reddot award 2021
best of the best





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



reddot award



DESIGN
AWARD
2020



GOOD
DESIGN

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
Oprating 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
Installation	In-wall concealed with pre-embedded box(standard)
Operating Temperature	-5~45℃
Operating Humidity	5~90%
Power Supply	DC 12V/PoE 48V
Power Consumption	≤6W (without power output)
Interface	RJ45×1,Extension(1+8way sense,RS485)
Button	Customizable scene-switch button×4, Power button
Screen	7 inch touch screen

Resolution	1024×600 (IPS)
CPU	4 Core A55
RAM	2GB
Oprrating System	Android 11
Speaker	Yes
Microphone	Yes
Network	Wi-Fi 2.4GHz, LAN port, Zigbee, CoSS,

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



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



General	
Model Number	LS268
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45℃
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	Network	WiFi 2.4GHz+5GHz
Installation	In-wall concealed with 120 back box	Interface	Live/Neutral/Light1/Light2/Light3 wire in
Wireless Protocol	Wi-Fi / CoSS / ZigBee	Screen	4 inch
Operating Temperature	-5~45°C	Resolution	480*800
Operating Humidity	5~90%	Operation System	Linux
Power Supply	AC 100-240V 50/60Hz	Microphone	Yes
Power Consumption	< 0.6W	Speaker	Yes
Maximum Overload	Resistive Load: 500W per channel Inductive/Capacitive Load: 200W per channel		

Construction		Radio	
Color	White	Radio Protocol	CoSS
Dimensions	Outside the wall: 120*70*11mm Overall: 120*70*36.5mm	Range(Open field)	200m
Casing	Bottom Cover:PC, Top Cover:ABS+PC		



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

Works with Apple HomeKit

works with the Google Assistant

WORKS WITH amazon alexa

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	Construction
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)
	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



reddot award 2021
best of the best

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



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

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



Works with Apple HomeKit



works with the Google Assistant



WORKS WITH amazon alexa

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



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



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



Works with
Apple HomeKit



works with the
Google Assistant



WORKS WITH
amazon alexa

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 100-240V 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





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℃
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

CC Dimming LED Driver (7-12/CoSS)

Wireless Intelligence Instant Response

- 

Built-in CoSS dimming module, easy to dimming
- 

A variety of pairing methods
- 

PWM stepless dimming technology, 1/10,000 depth dimming



 Voice control  App control  Communicates with other devices

 Works with Apple HomeKit

General	
Model Number	LS261A712
Power Supply	AC 100-250V 50/60Hz
Operating Temperature	ta: -20~45℃ tc: 85℃
Power Factor	PF0.95
Frequency Range	50/60Hz
Power Consumption	7W/12W (DIP)
Output Current	150mA/300mA

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	100m
Construction	
Color	Matt White
Dimension	L130*W36*H25mm
Casing	Polycarbonate



CV Dimming LED Driver (150W/CoSS)

Smart Driver Integrated. Dimming & Color Tuning Simplified



Built-in dimming module with integrated smart control driver for effortless dimming and color tuning.



Primary pairing via long-press button or alternative 5-time power cycling method.



Digital dimming with 0.1% ultra-deep dimming capability.



Voice control



App control



Communicates with other devices



General	
Model Number	LS262A15
Power Supply	220-240Vac 50/60Hz
Operating Temperature	ta: 45°C tc: 90°C
Output Voltage	24Vdc
Power Consumption	Max.150W
Output Current	Max.6.25A
Power Factor	PF>0.95

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	100m
Construction	
Color	Matt White
Dimension	320*51*27mm (L*W*H)
Casing	Polycarbonate

CV Dimming LED Driver (240W/CoSS)

Smart Driver Integrated. Dimming & Color Tuning Simplified



Built-in dimming module with integrated smart control driver for effortless dimming and color tuning.



Primary pairing via long-press button or alternative 5-time power cycling method.



Digital dimming with 0.1% ultra-deep dimming capability.



Voice control



App control



Communicates with other devices



General	
Model Number	LS262A24
Power Supply	220-240Vac 50/60Hz
Operating Temperature	ta: 45°C tc: 90°C
Output Voltage	24Vdc
Power Consumption	Max.150W
Output Current	Max.6.25A
Power Factor	PF>0.95

Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	100m
Construction	
Color	Matt White
Dimension	320*51*27mm (L*W*H)
Casing	Polycarbonate



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



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



CUBE Switch Module

Make troditional 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

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



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

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

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



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℃
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 (embeded motion sensor)
Light Detection	Yes (embeded 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





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



Works with Apple HomeKit

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



Works with Apple HomeKit

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 50/60Hz

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



Platinum_Tunable White Spotlight

Inspired, Next-Generation Healthy LED Lighting



Ra92 SMD chips – high color rendering, bright, flicker-free, eye-friendly



Heat pipe-style heat sink – rapid dissipation, brushed metal finish, long lifespan



Optical lens system – natural edge transitions, clean spots, no color fringes



Voice control



App control



Communicates with other devices

Model	55	75	95
Model Number	PL5507-CV	PL7512-CV	PL9515-CV
Watt	7W	12W	15W
Brightness	320-420lm	550-750lm	980-1300lm
Dimension	D62*H78mm	D82*H97mm	D106*H114mm
Cut-out	D55mm	D75mm	D95mm

General	
Operating Voltage	24V
CCT	2700-6500K
Color tolerance	SDCM≤7
Beam Angle	24°/36°
CRI	Ra92
Proof rate	IP20

Note: The spotlight packaging does not include a driver. It is recommended to use it with an LED constant voltage dimming driver.

Star_Tunable White Spotlight

Inspired, Next-Generation Healthy LED Lighting



Ra92 SMD chips – high color rendering, bright, flicker-free, eye-friendly



Optical lens system – natural edge transitions, clean spots, no color fringes



Voice control



App control



Communicates with other devices

General	
Model Number	STAR7512
Operating Voltage	24V
Watt	12W
Brightness	550-750lm
CCT	2700-6500K
Color tolerance	SDCM≤7
Beam Angle	24°/36°
CRI	Ra92
Proof rate	IP20

Note: The spotlight packaging does not include a driver. It is recommended to use it with an LED constant voltage dimming driver.

Construction	
Color	Matt Black
Trim Type	Trim/Trim-less (Added Value)
Dimension	D85*H88mm
Cut-out	D75mm
Casing	Aluminum, Polycarbonate
Installation	Recessed installation



YAG_Tunable White 5-Head Grille Light

Inspired, Next-Generation Healthy LED Lighting



Ra97 SMD chips for true-to-life colors, long lifespan



Slim minimalist design, seamless ceiling integration



Voice control



App control



Communicates with other devices

General	
Model Number	YAG16210-G-CV
Operating Voltage	24V
Watt	10W
Brightness	650-830lm
CCT	2700-6500K
Color tolerance	SDCM≤5
Beam Angle	15°/30°
CRI	Ra97
Proof rate	IP20

Construction	
Color	Matt Black
Dimension	L162*W40*H43mm
Cut-out	L156*W35mm
Casing	Aluminum
Installation	Recessed installation

Note: The grille light packaging does not include a driver. It is recommended to use it with an LED constant voltage dimming driver.

YAG_Tunable White 10-Head Grille Light

Inspired, Next-Generation Healthy LED Lighting



Ra97 SMD chips, true-to-life color, long lifespan



Slim minimalist design, seamless ceiling fit



Voice control



App control



Communicates with other devices

General	
Model Number	YAG31220-G-CV
Operating Voltage	24V
Watt	20W
Brightness	980-1000lm
CCT	2700-6500K
Color tolerance	SDCM≤5
Beam Angle	15°/30°
CRI	Ra97
Proof rate	IP20

Construction	
Color	Matt Black
Dimension	L312*W40*H43mm
Cut-out	L306*W35mm
Casing	Aluminum
Installation	Recessed installation

Note: The grille light packaging does not include a driver. It is recommended to use it with an LED constant voltage dimming driver.



Halo_Tunable White 5-Head Grille Light

Inspired, Next-Generation Healthy LED Lighting



Ra92 SMD chips – high color rendering, bright, flicker-free, eye-friendly



Slim minimalist design – seamless integration with ceilings



Voice control



App control



Communicates with other devices

General	
Model Number	HALO16010-CV
Operating Voltage	24V
Watt	10W
Brightness	450-550lm
CCT	2700-6500K
Color tolerance	SDCM≤5
Beam Angle	24°/36°
CRI	Ra≥92
Proof rate	IP20

Construction	
Color	Matt White
Dimension	L147*W45*H50mm
Cut-out	L139*W37mm
Casing	Aluminum
Installation	Recessed installation

Note: The grille light packaging does not include a driver. It is recommended to use it with an LED constant voltage dimming driver.

Halo_Tunable White 10-Head Grille Light

Inspired, Next-Generation Healthy LED Lighting



Ra92 SMD chips – high color rendering, bright, flicker-free, eye-friendly



Aviation-grade aluminum – superior heat dissipation and durability



Voice control



App control



Communicates with other devices

General	
Model Number	HALO30820-CV
Operating Voltage	24V
Watt	20W
Brightness	800-1000lm
CCT	2700-6500K
Color tolerance	SDCM≤5
Beam Angle	24°/36°
CRI	Ra≥92
Proof rate	IP20

Construction	
Color	Matt White
Dimension	L279*W45*H50mm
Cut-out	L272*W37mm
Casing	Aluminum
Installation	Recessed installation

Note: The grille light packaging does not include a driver. It is recommended to use it with an LED constant voltage dimming driver.



Halo_Tunable White 10M Ultra-bright LED Strip

Inspired, Next-Generation Healthy LED Lighting



RA98 full-spectrum SMD chips, advanced thermal management



3oz plated boards with dual coating for reliability



Voice control



App control



Communicates with other devices

General	
Model Number	HALO-2835-192D-24V-CW
Operating Voltage	24V
LED quantity	180d/m
Watt	15W/m
Brightness	800-1000lm/m
CCT	2700-6500K
Color tolerance	SDCM≤7
CRI	Ra98
Proof rate	IP20

Construction	
Dimension	Board width 8 mm, 10 meters/roll
Casing	Copper
Cut	6-led-1-cut

Halo_5mm Tunable White 10M Ultra-bright COB LED Strip

Inspired, Next-Generation Healthy LED Lighting



5mm ultra-thin FPC, flexible, durable, easy to install



RA92 COB chips with advanced thermal management



Great fluorescent silicone for vibrant, uniform light



Voice control



App control



Communicates with other devices

General	
Model Number	HALO-COB-576D-24V-CW
Operating Voltage	24V
LED quantity	576d/m
Watt	6+6W/m
Brightness	600-900lm/m
CCT	2700-6500K
Color tolerance	SDCM≤7
CRI	Ra92
Proof rate	IP20

Construction	
Dimension	Board width 5 mm, 5 meters/roll
Casing	FPC
Cut	5cm 1-cut



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

12m

Long detection distance up to 12M



Battery life up to 7 years



Adjustable sensitivity



App control



Communicates with other devices



Works with Apple HomeKit

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



Works with Apple HomeKit

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
- 800
m

800m wireless distance transmission (open field)
- LED

LED indicator for visual feedback



- 📱

App control
- 🔗

Communicates with other devices



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



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 2 years
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 50/60Hz
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×ø65x45mm
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)	80m

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

Human Presence Sensor (Radar Detector, ZigBee)

Better sensors, better smart experience

-  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

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

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℃
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℃
Operating Humidity	≤95% (non-condensing)
Power Supply	AC 100-240V 50/60Hz
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

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/ax
Video Compression Format	H.265/H.264
Video Quality Ajustment	128Kbps ~ 4Mbps
Open Field	50m
Operating Conditions	-10°C~+45°C, Less Than 95%RH
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

Outdoor Camera (5MP)

5MP ensures every corner of your home completely covered



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	LS289
Imaging Device	1/3"
Effective Pixels	5MP: 2688(H)×1664(V)
Scanning System	Progressive CMOS
Wi-Fi	IEEE802.11b/g/n/ax
Day night transition	ICR automatic switching
Backlight Compensation	support
Wide Dynamic	DWDR
Open Field	50m
Operating Conditions	-10°C~+45°C, Less Than 95%RH
Power Supply	DC12V *1A
Power Consumption	Basic power consumption: 1.884W Maximum power consumption: 8.4W

Lens Type	
Fixed Lens	3.6mm
Field of View	78°(L), 43°(V), 93°(D)
Lens Aperture	F1.6
Lens Type	Fxed Focus

Audio	
Built in MIC	Support
Built-in Speaker	Support
Audio Sample Rate	16KHz

Construction	
Color	white
Dimension	158.83x 126.14 x 222.87mm
Weight	0.516kg



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



Works with Apple HomeKit



works with the Google Assistant



WORKS WITH amazon alexa

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

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



Works with Apple HomeKit



works with the Google Assistant



WORKS WITH amazon alexa

General	
Model Number	LS133WH
Moving Speed	14cm/s
Rated Torque	1.2N.m
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

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 Contraol	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

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



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	AC 100-240V 50/60Hz
Static Consumption	<1.5W
Maximum Overload	60W

Construction	
Color	White
Dimensions	36.4*540.5mm
Casing	Aluminum alloys

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

DC Tubular Motor-25

lightweight small body, adaptable to multiple scenes.

- Small body, no heat generation
- Three speed adjustments
- Beige groove end design
- Suitable for a variety of curtains



- Voice control
- App control
- Communicates with other devices



General	
Model Number	TQA25
Rated Voltage	AC 100-240V 50/60Hz
Weight-bearing Overload	≤7.5kg (theoretical value)
Rated Current	0.15A
Operation Noise	31dB
Levels Of Protection	IP41
Insulation Grade	CLASS E

Construction	
Color	RED
Dimension	434mm
Rating Torque	1.5 N.m
Unloaded Speed	18/22/26cm/s (factory default 35r/min)

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	1.5 N.m	Insulation Class	CLASS F
Moving Speed	12cm/s	Ingress Protection	CoSS
Power Consumption	40W	Signal Range (open field)	200m

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 8.0m	Indicator	LED
Moving Speed	12cm/s	Ingress Protection	IP20
Rated Torque	1.5N.m	Strong Power	Yes
Operating Temperature	-20~85°C	Weak Power	Yes
Operating Humidity	0~80%	Receiver Control	Yes
Power Supply	AC 100-240V 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	-

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

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



Nature Mini PRO (Thermostat)

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

- < 5 >
- 

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	AC 100-240V 50/60Hz

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

- 

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

- Stronge 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℃
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℃
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	< 1W
Relay Overload	DC 30V 2A
Interfaces	AC 125V 0.5A
	HA Interface X 3
	Relay Interface X 3
Indicator Light	Input Indication Interface X 3
	Pairing
	Interface overall status (INFO)
Installation	Interface status X 9
	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	Paring button
Power Supply	DC 5V/2A
Power Consumption	<1W
Remote Frequency	38KHz
Remote Range	Vertical Direction: 180° Horizontal Direction: 360° Distance: 5-12m

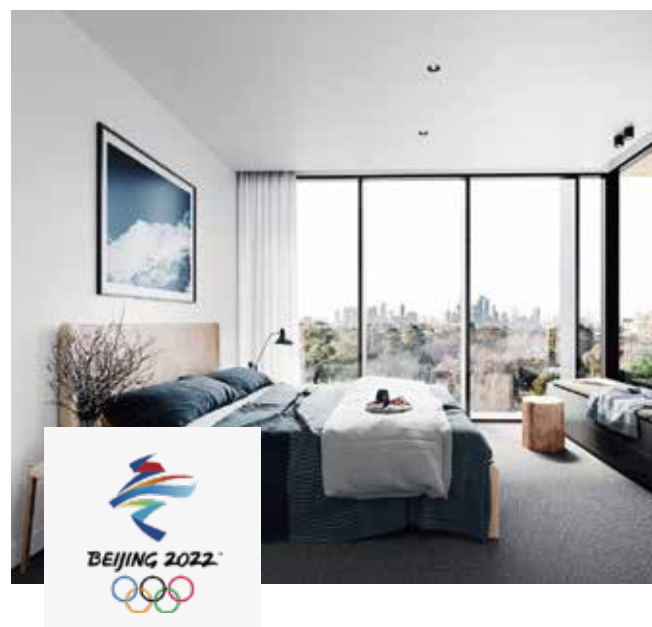
Construction	
White/Black	White
Dimension	φ79.5*25mm
Casing	PC, ABS
Net Weight	70g

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.

