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# LifeSmart

SMART  
HOME  
PRODUCT



RING AUTOMATION  
DESIGN • DOCUMENT • PROJECT

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DESIGN • DOCUMENT • PROJECT

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# Contents

<b>Company</b> .....	<b>01</b>	<b>Switch</b> .....	<b>37</b>
CoSS Protocol		BLEND Smart Switch	
AI Builder		Nature Switch	
Cybersecurity		Moonstone Switch	
App		Moonstone Switch 120	
		Stellar Switch	
		Starry Switch	
		Dimmer&Motion Sensor Switch	
		CUBE Clicker	
		CUBE Switch Module	
		Polar Switch	
		Polar Switch (Live&Neutral)	
		Two Channel Dimmer Controller (0-10V)	
<b>Interaction Center</b> .....	<b>07</b>		
Nature (Smart Control Panel)			
Nature 7			
Nature Mini S			
Nature Mini L			
<b>Gateway</b> .....	<b>15</b>		
Smart Station			
<b>Camera</b> .....	<b>17</b>	<b>Plug</b> .....	<b>53</b>
Frame		Smart Plug	
Indoor Camera		Smart Plug (EU&FR)	
Outdoor Camera		Smart Plug(ZigBee US)	
		Smart Plug(ZigBee UK)	
<b>Smart Lock</b> .....	<b>21</b>	<b>Lighting</b> .....	<b>57</b>
Smart Door Lock (Classic)		Light Strip	
Yale Door Lock Module		BLEND Light Bulb	
		Porch Wall Lamp	
		Light Bulb	
<b>Sensor</b> .....	<b>23</b>		
CUBE Motion Sensor			
CUBE Environmental Sensor			
CUBE Door/Window Sensor			
DEFED Door/Window Sensor			
Water Leak Sensor			
Gas Sensor			
Motion Sensor (AAA)			
Human Presence Sensor (Radar Detector)			
<b>Smart HVAC</b> .....	<b>33</b>	<b>Curtain Controller</b> .....	<b>67</b>
Smart Central Air-conditioning Gateway		MINS Curtain Motor Controller	
Smart Fan Coil Thermostat		BLEND Curtain Controller	
Smart Underfloor Thermostat		Tubular Motor	
Thermostatic Radiator Valve		QuickLink Curtain Motor	
		Smart Curtain Motor	
		<b>Smart Control</b> .....	<b>73</b>
		Universal Remote Controller (SPOT)	
		General Controller	
		HA Interface Adaptor	
		RS485 Converter	
		DEFED Key Fob	

# LifeSmart

# Digitize the physical world

**Every single home will become a smart home, every single office will become a smart office**

LifeSmart is a leading edge IoT (Internet of Things) company focusing on the global smart home market, and our products and solutions have served over 2 million customers in over 80 countries, creating value in peoples everyday lives.

#### **Global Awards**

The superior design of our products has been awarded great prizes: CES Innovation Awards, Good Design Award, iF Design Award, etc.,

#### **HomeKit Compatible**

LifeSmart now works with Apple HomeKit. Among all the leading brands, LifeSmart has hitherto offered the most home devices to be HomeKit compatible.





# CoSS Protocol

## Communication of Smart Star Network

### Ultra Long Distance, Super Quick Speed

CoSS protocol shares multiple advantages which include better coverage, larger capacity, lower power consumption and higher security level.

### 800m

CoSS can achieve ultra-long distance signal transmission of 800 meters from LifeSmart smart station to other home devices.

### 100ms

The signal delay could be less than 100ms.

### 5 years

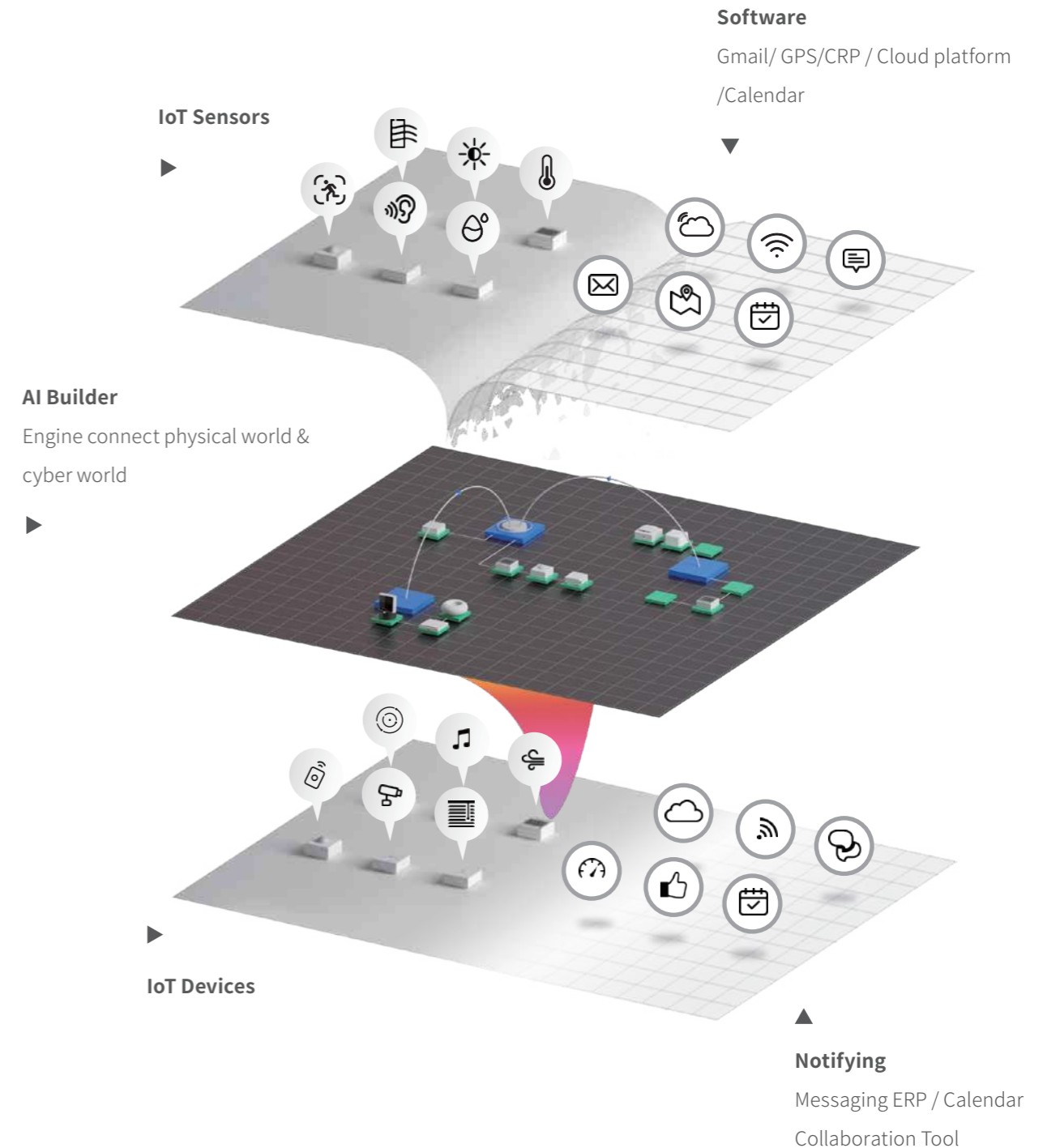
Based on CoSS, we are able to deliver the smart switch product which supports 5 years battery life with ER18505 battery.

	CoSS	ZigBee	Wi-Fi	Z-Wave
Distance	200-800m	30-100m, can cascade devices	40m	40-100m, limited cascade of devices
Power Consumption	Low	low	High	Low
Stability	High	High	High	Low
System Capacity	High(support more than 100 devices)	High	Low	Low
Bandwidth	Low (1kpbs-128kpbs)	High(256kpbs)	Very High (>54mbps)	Low(9.6kpbs/40kpbs)
Radiation	Low( work instantaneously)	Medium (work instantaneously)	High (work continuously)	Medium (work instantaneously)
Reliability	High	High	High	High

# AI Builder

### Create Unlimited Devices Communication Policies

AI Builder is an open and flexible computing framework which fulfills the users' personalized requirements now and empowered by the cloud AI on a learning basis. With AI Builder, you are able to deliver multiple outputs with multiple sensor conditions and computing policies, to create any smart home communication rules as your imagination.



# LifeSmart App

LifeSmart App supports all kinds of LifeSmart devices and other third-party ZigBee/Z-Wave devices. You may monitor and interact with your home anywhere and anytime through mobile, bringing comfort and efficiency of smart home management to a new level.



# Cybersecurity

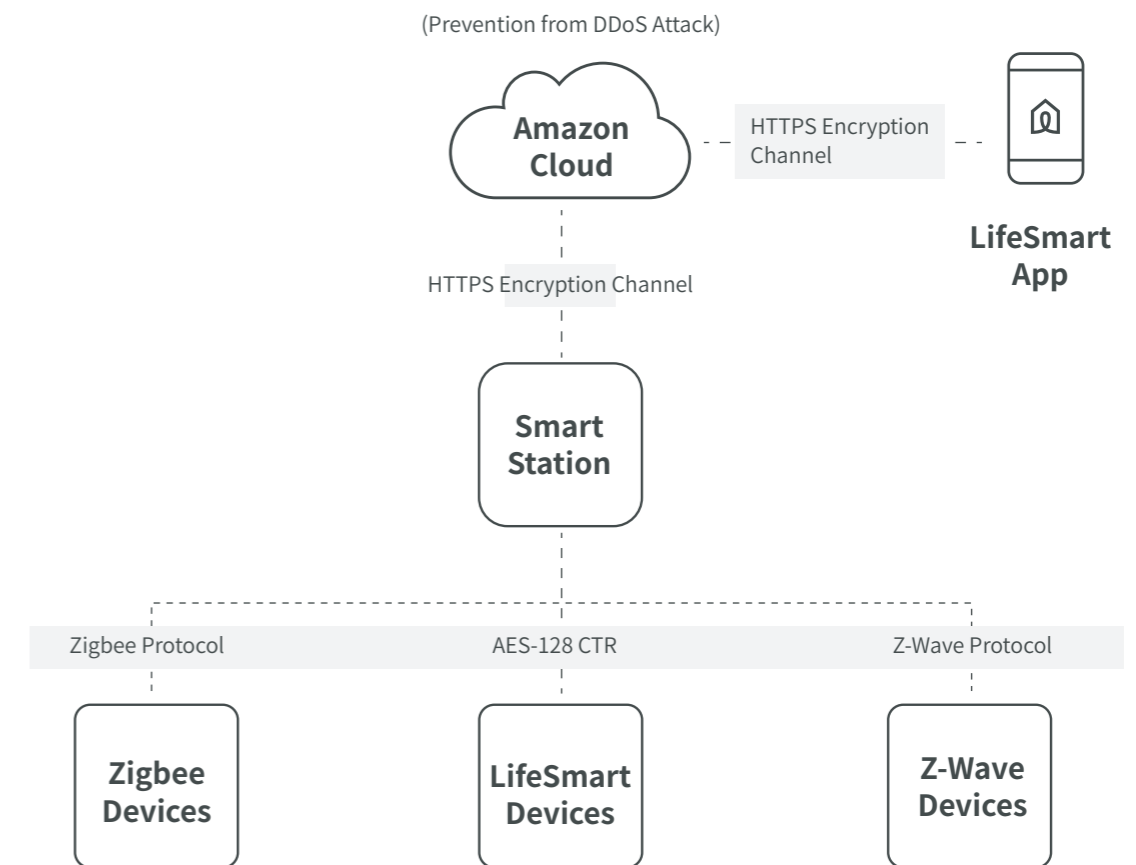
## Bank Level Encryption and Security

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.

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

## 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.







**Interaction Center**  
 The all-in-one smart terminal takes protection of you and all your properties

# Nature - Smart Control Panel <sup>LS148</sup>

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



-  Voice control
-  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 5.1
Bluetooth	Yes (Bluetooth 4.2)
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 <sup>LS217</sup>

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
-  Elegant Anodized Aluminum Craft

-  App control
-  Communicates with other devices



## General

Model Number	LS217
Installation	In-wall concealed with pre-embedded box(standard)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 12V, 1A
Power Consumption	≤6W (without power output)
Interface	RJ45×2, RS485, DC12V Output
Button	Customizable scene-switch button×4, Power button
Screen	7 inch touch screen

Resolution	1024×600 (IPS)
CPU	4 Core ARM
RAM	1GB
Operating System	Android 5.1
Bluetooth	Yes (Bluetooth 4.0)
Speaker	Yes
Microphone	Yes
Network	Wi-Fi 2.4GHz, LAN port, Zigbee, CoSS, Bluetooth

## Construction

Color	Matte grey
Dimensions	Exposed dimension: 249*113*11mm Whole product dimension: 249*113*28.6mm
Weight	525g
Casing	PC

# Nature Mini S <sup>LS248</sup>



reddot award 2021  
best of the best

Promote the smart home control panel with more cool and smooth interaction experience.

**480P** 480\*480 High definition touch screen

**16A** magnetic latching relay to make electrical safety

**Built-in gateway** to add and manage other smart home devices

**CoSS<sup>™</sup> zigbee** Support Zigbee + CoSS protocol

**App control** Communicates with other devices



## General

Model Number	LS248
Installation	In-wall concealed with 86 back box
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Network	Wi-Fi 2.4GHz, Zigbee, CoSS, Bluetooth
Interface	Live/Neutral/Light1/Light2/Light3 wire in
Screen	4 inch touch screen
Resolution	480*480
Operation System	Android 5.1
Power Supply	AC 100-240V 50/60Hz
Bluetooth	Yes (Bluetooth 4.0)
Speaker	Yes
Microphone	Yes
CPU	4 Core ARM
RAM	512MB DDR3
Operating System	Android 5.1

## Construction

Color	White/ Matte grey/ Black
Dimensions	Outside the wall:86*86*11mm; Whole product:86*86*36mm
Casing	Flameresistant PC





# Nature Mini L LS218

Reinvent the smart home control panel with a full screen, edge to edge touch pad.

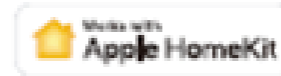
**480P** 480\*800 high definition 4inch display

**16A** magnetic latching relay

Built-in gateway to add and manage other smart home devices

Built-in speaker

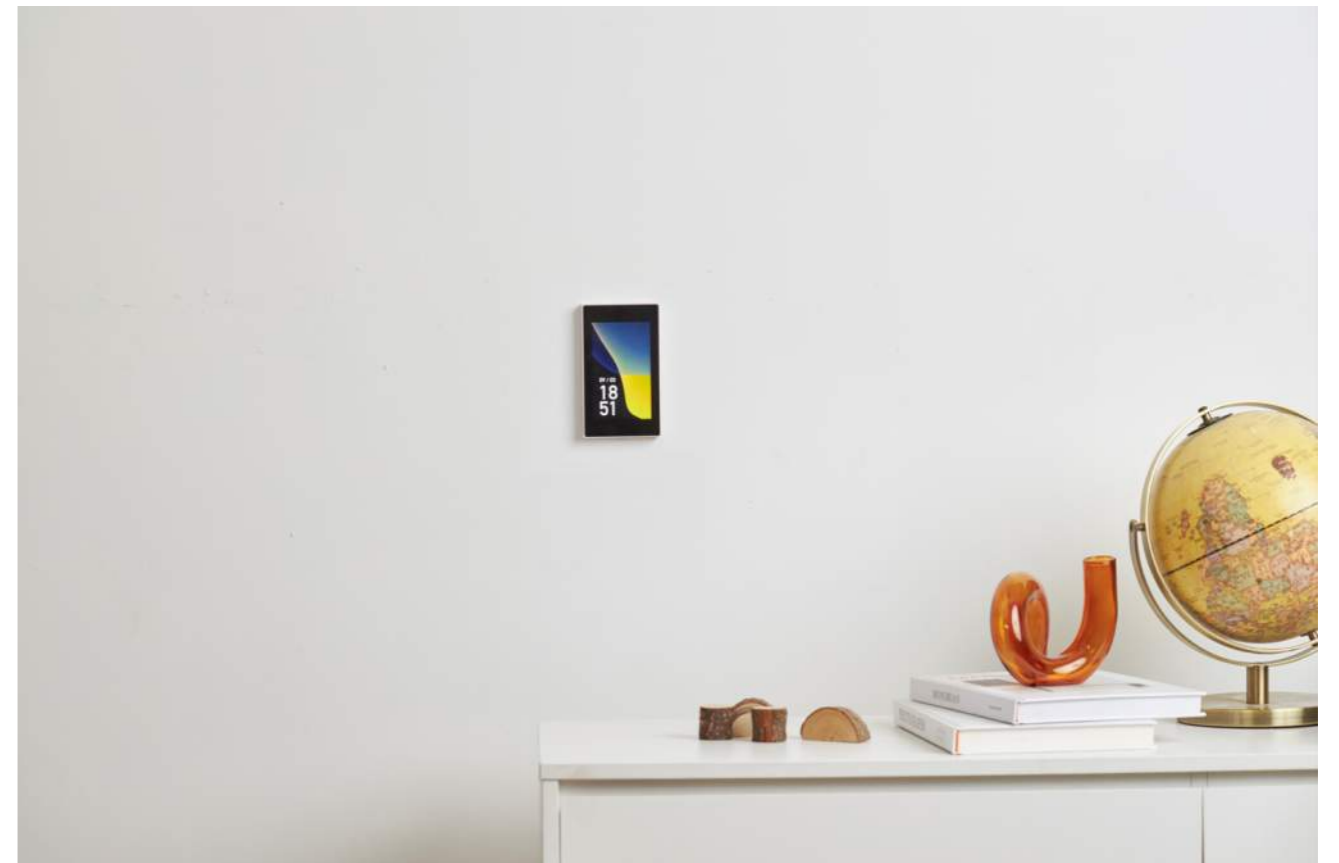
Voice control   App control   Communicates with other devices



General	
Model Number	LS218 series
Installation	In-wall concealed
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Network	Wi-Fi 2.5/5GHz
Interface	Live/Neutral/Light1/Light2/Light3 wire in
Screen	4 inch
Resolution	480 x 800
Operation System	Linux
Power Supply	AC 100-240V 50/60Hz
Bluetooth	No
Speaker	Yes

Construction	
Color	White
Dimensions	Outside : 70*120*11mm Total Dimension : 70*120*37mm
Casing	Flameresistant PC

Radio	
Radio Protocol	CoSS, Zigbee, WiFi 2.4/5GHz
Signal Range(Open Field)	200m







# Gateway


More than convenient when everything gets connected

# Smart Station

LS082WH  
LS090WH (Japan)

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

-  Powerful processor with up to 500 connected devices
-  800m wireless signal distance
-  AI builder for automated processing
-  Multiple-protocol support

 Voice control  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)	800m	CoSS: 800m / Zigbee: 30-100m	CoSS: 800m / 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

# Indoor Camera

LS258

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

 Voice control  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

LS259

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 Door Lock - Classic

LS101GS/SL

A smart lock with multiple ways for access and can communicate with your home devices



Multiple access



Anti-theft lock case



Detect break-in and entrance attempts



Voice control



App control



Communicates with other devices

## General

Model Number	LS101GS/SL	Operating Temperature	-30~60°C
Color	Gold / Silver	Operating Humidity	20~90%
Dimensions	385*75*33mm	Power Supply	8 AA alkaline batteries, 12V
Weight	4130g	Emergency Power Supply	USB
Casing	Glass panel, zinc alloy	Battery Life	10 times per day, last about 1 year
Lock Case Grade	Super-B anti-theft lock case	Interface	Micro USB emergency power interface
Compatible Lock	6068 lock body	Button	Fingerprint button Keyboard Reset button Code matching button Doorbell button Door lock safety knob Back cover open button
Lock Body Size	24*240 Square lock body (standard) 30*240 Round lock body (optional) 388 series overlord lock (optional)	Display	LED display
Open Direction	Left outer opening/ Right outer opening/ Left inner opening/ Right inner opening	Camera	N/A
Unlock Mode	Fingerprint, password, NFC card, emergency key	Speaker	High fidelity speaker
Fingerprint Module	Biological fingerprint sensor	Microphone	HD microphone
Rejection Rate	≤1%		
False Recognition Rate	≤0.001%		
Password Length	6-12 Digit		
Cryptographic Function	Visitor temporary password Privacy guard password Hijacking password alarm		
Storage Quantity	Fingerprint*100/ Password*30/ NFC card*255		

## Radio

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

# Yale Door Lock Module

LS147

A module for connecting your classic Yale lock to your smart home system



Compatible with multiple Yale locks



Compact to be mounted inside the lock body



Upgrade classic lock to a smart one



Voice control



App control



Communicates with other devices

## General

Model Number	LS147
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	Power supply by Yale door lock
Installation	Inside the Yale lock
Compatible Yale Lock Model	YDR413, YDM4216, YDM4111, YDM4109, YMF40, YDM7216, YDM7116, YMG40, V-F, V-FR
Interfaces	8 pin

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

## Construction

Color	Ivory white
Dimensions	18*18*50mm
Weight	8g
Casing	ABS

# Sensors

Stable operation, stay connected

# CUBE Motion Sensor

LS062WH

LS150WH (Japan)

A tiny Motion sensor combined PIR technology and light detection



120° wide angle detection



Built-in light sensor to switch day/night mode



Notifications and record searching via the app



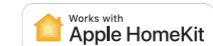
Compact size and could be placed anywhere



App control



Communicates with other devices



## General

Model Number	LS062WH / LS150WH (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	Passive infrared sensor, light sensor
Detection	5m/120°
Interface	-
Button	-
Indicator	LED
Display	-
Audio	-

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

## Construction

Color	Ivory white
Dimensions	38.4*38.4*22.4mm
Weight	20 g
Casing	ABS+PC

# CUBE Environmental Sensor

LS063WH  
LS091WH (Japan)

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



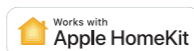
Tiny size and could be placed anywhere



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
Detection	Temperature, humidity, light
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

LS058WH  
LS149WH (Japan)

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 1 year
Sensitive Element	Magnetic sensor, vibration sensor
Detection	Slide and shake detection of the door and window
Interface	-
Button	Customizable button, pairing button
Indicator	LED
Display	-
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


# DEFED Door/Window Sensor <sup>LS202WH</sup>

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

# Water Leak Sensor

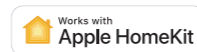
LS064WH

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%
Detecting Types	Water leak
Sensors	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

# Gas Sensor

LS086WH

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
Sensors	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



# Motion Sensor - AAA

LS085WH

A Motion sensor combined PIR technology and light detection

-  120° wide angle detection
-  Built-in light sensor to switch day/night mode
-  Notifications and record searching via the app
-  Compact size and could be placed anywhere

-  App control
-  Communicates with other devices



General	
Model Number	LS085WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	2 AAA battery, 3V
Static Consumption	<1mW
Battery Life	Up to 2 years
Sensitive Element	Passive infrared sensor, light sensor
Detection	7m/120°
Interface	-
Button	-
Indicator	LED
Display	-
Audio	-





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

Construction	
Color	Ivory white
Dimensions	70*70*34mm
Weight	46g
Casing	ABS

# Human Presence Sensor - Radar Detector

LS189

Adopt microwave radar technology to sensitively detect human motion

-  Extremely high sensitivity
-  Super wide detection range of up to 10 meters
-  Notifications and record searching via the app
-  Not affected by temperature

-  App control
-  Communicates with other devices



General	
Model Number	LS189
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 5V
Static Consumption	<0.6W
Sensitive Element	24-24.25GHz radar
Max. Detection Distance	Up to 10m

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

Construction	
Color	Ivory white
Dimensions	Detector: 26*12*23mm Power supply module: 83*22*47mm Connector length: 350mm
Weight	48g
Casing	ABS

# Smart HVAC

Save energy, save money

# Smart Central Air-conditioning Gateway <sup>LS175</sup>

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


# Thermostatic Radiator Valve

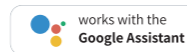
LS197

Actualizes independent temperature control of every single room at your home remotely, saving energy and money for you.

-  Easy Installation without no need of tools
-  Clearly display in local LCD panel
-  Precise in PID temperature control
-  Customizable personal heating schedule



-  Voice control
-  App control
-  Communicates with other devices



## General

Model Number	LS197
Operating Temperature	0-45°C
Operating Humidity	5-90%
Power Supply	2 AA alkaline batteries, 3V
Temperature Setting Range	5°C~35°C
Button	Local button×5
Display	LCD
Connection Type	M30 x 1.5
Adapter	RAV, RA, RAVL
Installation	Plug and play
Socket Standard	EU & FR socket

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	Ivory white
Dimension	φ55*69mm
Weight	125g (without battery)
Casing	ABS+PC



# Switches

Siri-controlled switches  
free your hands

# BLEND Smart Switch

LS055WH/GD/BL LS056WH/GD/BL LS057WH/GD/BL

Replace your traditional switch to the smart one and make the lights freely controlled



Simple modern design



Customized 16 million colors panel light



Dual control, multiple control



Voice control



App control



Communicates with other devices



## General

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
Static Consumption	<1.5W
Maximum Overload	Resistive load: 500W per channel Inductive/Capacitive load: 200W per channel
Indicator	16Million colors, brightness adjusted

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## BLEND Light Switch (1 way)

Model Number	LS055WH/GD/BL
Weight	100g

## BLEND Light Switch (2 way)

Model Number	LS056WH/GD/BL
Weight	110g

## BLEND Light Switch (3 way)

Model Number	LS057WH/GD/BL
Weight	120g

## Construction

Color	White / Black / Golden
Dimension	86*86*36.5mm
Casing	ABS+PC

# Nature Switch

LS220

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



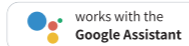
Modern appearance, designed by Nature Series designer team who have collected all design awards



reddot award 2021  
best of the best



Voice control   App control   Communicates with other devices



## 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



# Moonstone Switch

LS139WH/BL LS140WH/BL LS141WH/BL

Touchable switch leads you into a simple smart life



Simple modern design, jade like touch



Vibration interactions



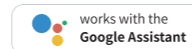
Customized 16 million colors indicator light



Dual control, multiple control



Voice control App control Communicates with other devices



## General

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
Static Consumption	<1.5W
Maximum Overload	Resistive load: 500W per channel Inductive/Capacitive load: 200W per channel
Indicator	16Million colors

## Construction

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

## Moonstone Switch (1 way)

Model Number	LS139WH/BL
Weight	136g

## Moonstone Switch (1 way)

Model Number	LS140WH/BL
Weight	141g

## Moonstone Switch (1 way)

Model Number	LS141WH/BL
Weight	148g

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

# Moonstone Switch 120

LS123WH/BL LS124WH/BL LS125WH/BL

Touchable switch leads you into a simple smart life



Simple modern design, jade like touch



Vibration interactions



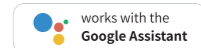
Customized 16 million colors indicator light



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 Bottom cover: PC, top cover: ABS+PC,
Casing	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

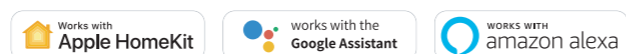
# Stellar Switch

LS170WH/GD LS171WH/GD LS172WH/GD LS173WH/GD

Independent power supply, perfect solution for live only wiring

-  Human engineering design for comfortable touch
-  No flicker, safe and stable
-  No need to damage your wall for extra 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 per channel Inductive/Capacitive load: 200W per channel DC load: 30V/5A
Battery Type	ER18505M(substitute: CR17505 or ER17505)
Battery Lfie	5 years

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	White / Golden
Dimension	86*86*39mm
Casing	ABS+PC

## Stellar Switch (1 way)

Model Number	LS170WH/GD
Wiring	Live only / Live+neutral
Weight	115g

## Stellar Switch (2 way)

Model Number	LS171WH/GD
Wiring	Live only / Live+neutral
Weight	124g

## Stellar Switch (3 way)

Model Number	LS172WH/GD
Wiring	Live only / Live+neutral
Weight	133g

## Dual Control Only





Model Number	LS173WH/GD
Wiring	No wiring
Weight	99g

# Starry Switch

LS185WH/BL/GD LS186WH/BL/GD LS187WH/BL/GD



Independent power supply, perfect solution for live only wiring

-  Human engineering design for comfortable touching
-  No flicker, safe and stable
-  No need of external wiring
-  Dual control, multiple control

 Voice control  App control  Communicates with other devices



## 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 per channel Inductive/Capacitive load: 200W per channel DC load: 30V/5A
Battery Type	ER18505M(substitute: CR17505 or ER17505)
Battery Lfie	5 years

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	White / Black / Golden
Dimension	86*86*39mm
Casing	ABS+PC

## Starry Switch (1 way)

Model Number	LS185WH/BL/GD
Wiring	Live only / Live+neutral
Weight	126g

## Starry Switch (2 way)

Model Number	LS186WH/BL/GD
Wiring	Live only / Live+neutral
Weight	135g


## Starry Switch (3 way)

Model Number	LS187WH/BL/GD
Wiring	Live only / Live+neutral
Weight	144g


# Dimmer & Motion Sensor Switch

LS174 LS154 (Japan)

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



## 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 (CoSS)

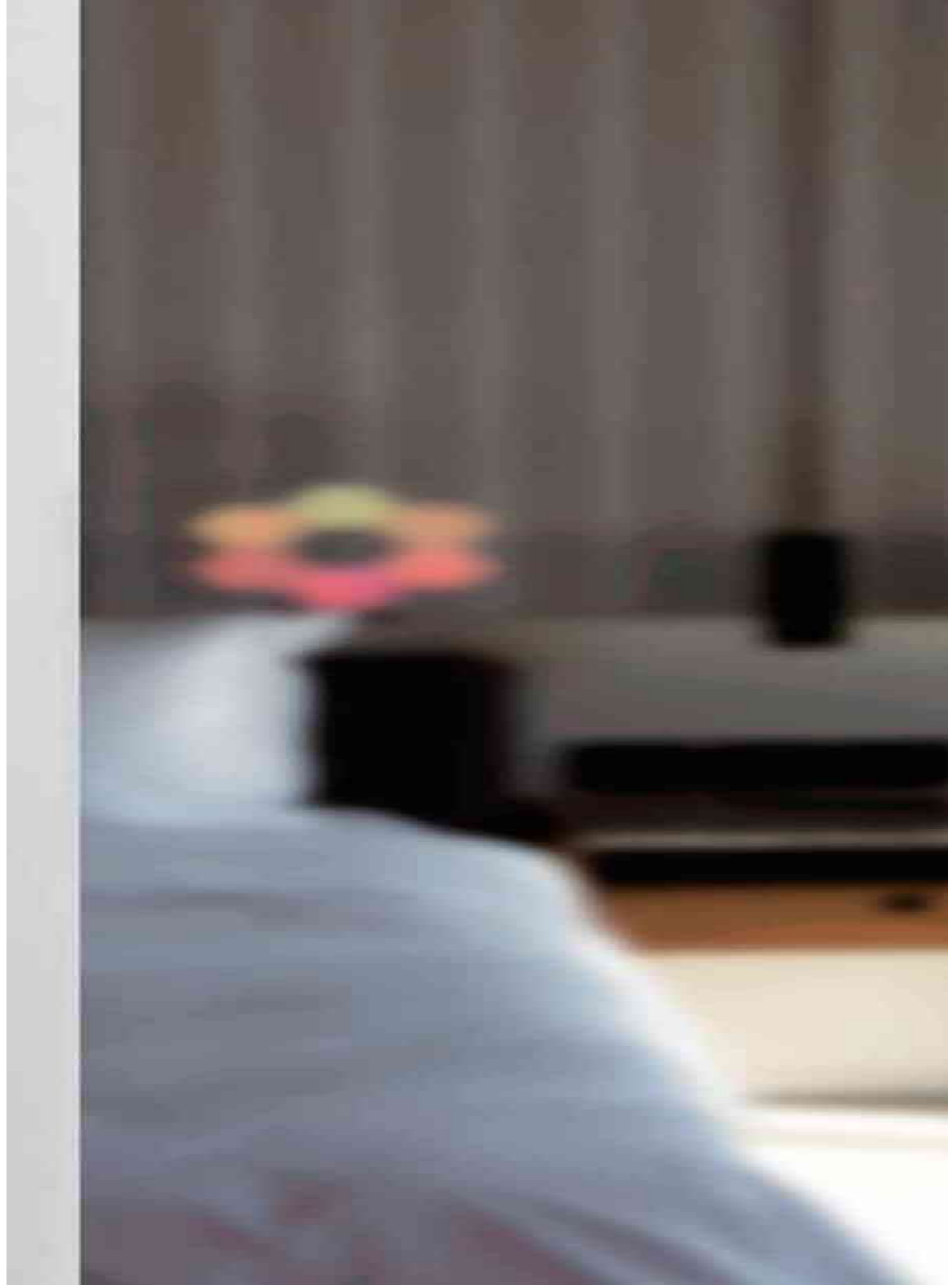
Model Number	LS174 / LS154 (Japan)
Radio Protocol	CoSS

## 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





# CUBE Clicker

LS069WH/RD/WG LS151WH (Japan)

A simple click to run complex scenes



Compact size and could be placed anywhere



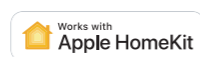
Easily switch to different scenes



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

# CUBE Switch Module

LS175

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



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

# Polar Switch


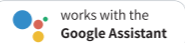

LS211 LS212 LS213

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	ER18505M (CR17505, ER17505)
Battery Life	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
Wiring	Live+Control
Weight	103g





Polar Switch (2 way)	
Model Number	LS212
Wiring	Live+Control
Weight	112g

Polar Switch (3 way)	
Model Number	LS213
Wiring	Live+Control
Weight	123g


# Polar Switch (Live&Neutral)




LS221

Independent power supply, perfect solution for 120 live-only 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+Control
Weight	121g

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

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

# Two Channel Dimmer Controller (0-10V) <sup>LS180</sup>

Enjoy smooth brightness adjustment experience



Adjustable lighting brightness and color temperature

0-10V

0-10V dimming technology

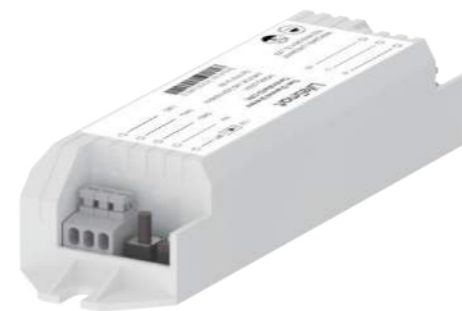
50

Supports control of up to 50 lights



Soft transition of dimming lights

Voice control App control Communicates with other devices



## General

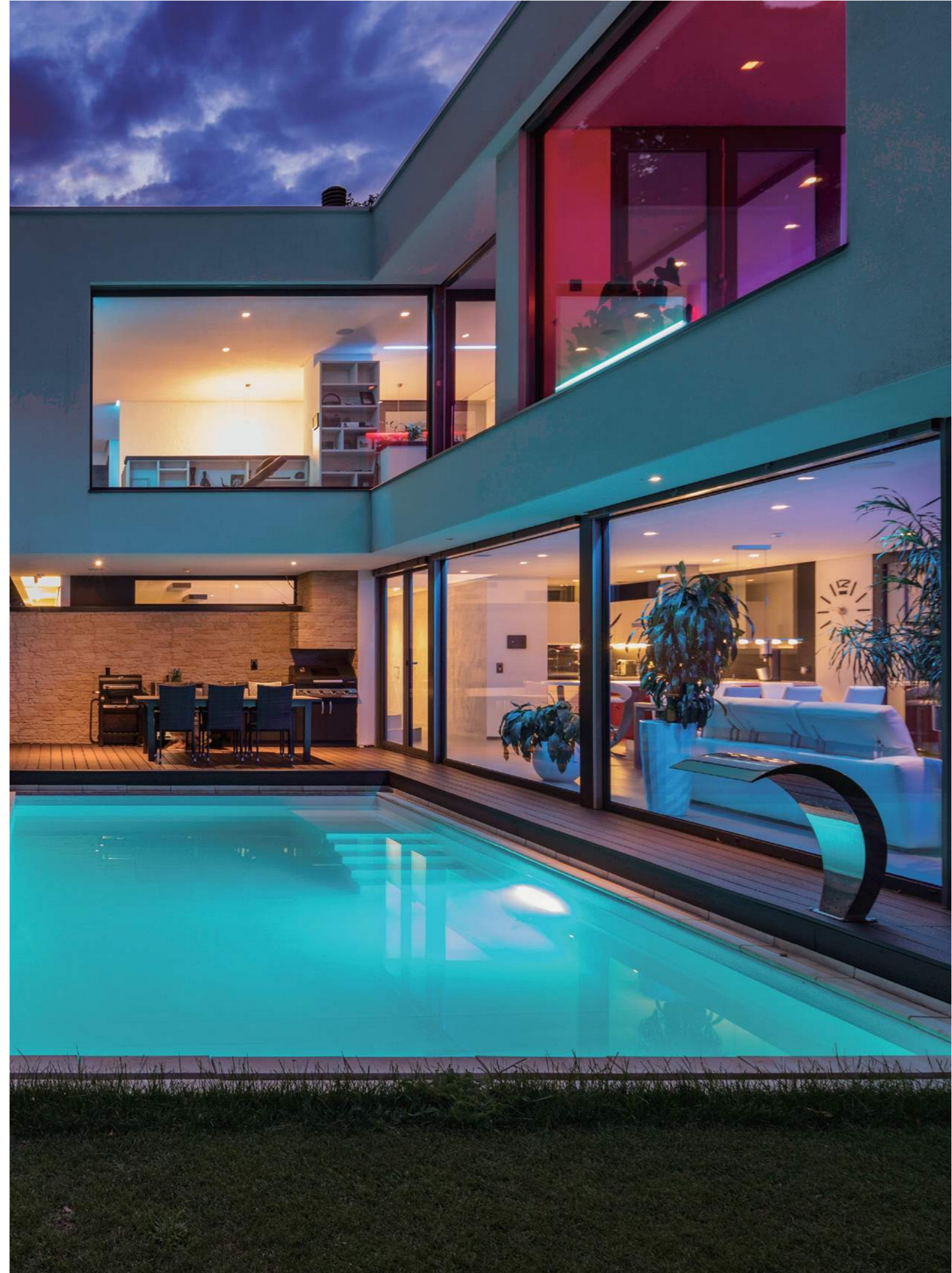
Model Name	LS255
Wiring	Live, neutral, L0, DIM1+, DIM2+, GND, Light control
Control Unit	0/1-10V Dimmer control(Two way)
Compatible Lights	0/1-10V Dimmer&color temperature control lamp, Maximum 50 lamps(within 100mA)
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz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



# Smart Plug

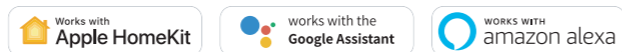
LS002

Smart remote control, changing traditional electronic appliances to be smart ones

- Easy pairing
- Scheduled task
- Secure casing with flameresistant material



Voice control App control Communicates with other devices



## General

Model Number	LS002
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Static Consumption	<0.5W
Maximum Overload	10A
Button	Pairing/operating button
Indicator	Brightness adjustable LED
Electricity Metering	No
Manual Control	Yes
Installation	Plug and play
Socket Standard	New national standard 2/3 holes mutual socket

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction

Color	Ivory white
Dimension	65*65*36mm
Weight	95g
Casing	Flameresistant PC

# Smart Plug - EU&FR

LS159

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

- Energy-consumption monitoring
- Scheduled task support
- Secure casing with flameresistant material



Voice control App control Communicates with other devices



## General

Model Number	LS159
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Operating Voltage	AC 100-240V 50/60Hz
Static Consumption	≤0.5W
Maximum Overload	16A
Button	Pairing/operating button
Indicator	RGB LED
Electricity Metering	Yes
Manual Control	Yes
Installation	Plug and play
Socket Standard	EU & FR socket

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction




Color	Ivory white
Dimension	61*61*84mm
Weight	95g
Casing	Flameresistant PC

# Smart Plug

(ZigBee US, with Monitor Energy Usage)

HPPA21SZ

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

-  Energy-consumption monitoring
-  Scheduled task support
-  Secure casing with flameresistant material



-  App control
-  Communicates with other devices

General	
Model Number	HPPA21SZ
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	1800W(15A)
IP Grade	IP20
Power Consumption	≤0.5W
Socket Standard	US Socket

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




Construction	
Color	White
Dimension	68*38*53.8mm;
Weight	PC
Casing	60g

# Smart Plug

(ZigBee UK, with Monitor Energy Usage)

LS254

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

-  Energy-consumption monitoring
-  Scheduled task support
-  Secure casing with flameresistant material



-  App control
-  Communicates with other devices

General	
Model Number	LS254
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	≤1.0W
Socket Standard	UK Socket





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

Construction	
Color	White
Dimension	56*56*66.3mm;
Weight	PC
Casing	93g

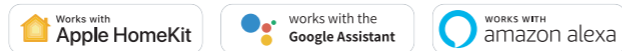
# BLEND Light Bulb - E27 <sup>LS024</sup>

A perfect 16 million colors lighting bulb with adjustable brightness and preset modes for lighting up your home

-  Low power LED technology
-  16 Million colors to create various lighting effects
-  Brightness adjustment
-  Good design with capsule casing



 Voice control  App control  Communicates with other devices






General	
Model Number	LS024
Lighting Color	16 million colors + white
Lamp Model	E27
Luminous Flux	220lm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	Static consumption<0.5W Nominal consumption:6W (RGB 3W,white 3W)

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

# Light Strip

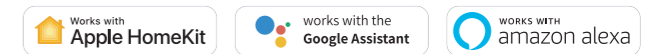
LS065

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

-  Low power LED technology
-  16 Million colors to create various lighting effects
-  Brightness adjustment



 Voice control  App control  Communicates with other devices



General	
Model Number	LS065
Lighting Color	16 million colors + white
Lamp Model	-
Luminous Flux	360lm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 24V
Power Consumption	<12W/m


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


Construction	
Color	-
Dimensions	2000*12*3.5mm
Weight	Light strip weight:114g/2meters


# Porch Wall Lamp

LS181

A wall mounted light with built-in PIR sensor and light sensor for automatically lighting.

 Built-in PIR sensor and light sensor for automatically lighting and energy saving

 IP65 Weatherproof with IP65 ingress protection

 Adjustable light beam to create different light effect and fit for various applications



 Voice control  App control  Communicates with other devices



## General

Model Number	LS181
LED Type	SMD LED
Correlated Colour Temperature	2700K/3000K/4000K/5000K/5700K
Luminous Flux	700~800lm
PIR Detection Range	10m
PIR Detection Angle	120°
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V
Power Consumption	10W

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction


Color	Black
Dimension	132.6*102.7*110mm
Weight	500g
Casing	PC

# Light Bulb -E26

LS156

Light up your home by adjusting brightness and white color temperature remotely.

 Low power LED technology

 Brightness adjustment

 Good design with capsule casing



 Voice control  App control  Communicates with other devices

## General

Model Number	LS156
Lighting Color	White CCT3000-6500K
Lamp Model	E26
Luminous Flux	800lm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 90-130V 50/60Hz
Power Consumption	Maximum consumption:9W

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	200m

## Construction




Color	Ivory white
Dimensions	φ60*108mm
Weight	46.5g
Casing	PC+PBT

# Curtain Controllers

Embrace the morning  
sunshine while lying in bed

# MINS Curtain Motor Controller<sup>LS178</sup>

Turn your traditional curtain motor into a smart one

-  No need to damage your wall for extra wiring
-  Upgrade the motors of garage door easily
-  Scheduled task

 Voice control  App control  Communicates with other devices



## General

Model Number	LS178
Control Unit	Relay: 2A magnetic latching
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 3V
Static Consumption	<1mW
Battery Model	2 AA Batteries
Interface	RJ11 input RJ11 output 10 Pin input 10 Pin output

## Construction

Color	Ivory white
Dimensions	135*32*23mm
Weight	55g (excluding battery)
Casing	ABS+PC

## Radio





Radio Protocol	CoSS
Signal Range (Open Field)	100m



# BLEND Curtain Controller

LS074WH  
LS074GD  
LS074BL

A good design panel for curtains' easy control

-  Simple Modern Design
-  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	LS074WH / LS074GD / LS074BL
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
Static Consumption	<1.5W
Maximum Overload	Max. 500W
Indicator	16 million colors
Interface	Neutral wire input Live wire input Opening signal input Closing signal input

Construction	
Color	White / Golden / Black
Dimensions	86*86*36.5mm
Weight	110g
Casing	ABS+PC





  

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

# Tubular Motor

WSER40Q-8/23 WSER40Q-8/19

Integrate the roller blinds into your smart home system

-  Quiet motor with operating sound below 40dB
-  One tap to control the whole shading system
-  Scheduled task support
-  Accurate control by percentage

 Voice control  App control  Communicates with other devices



General	
Wiring	Live+neutral+ground
Rated Torque	8 N.m
Running Time	4 min
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Cable Length	125cm
Button	Pair button
Indicator	-
Ingress Protection	IP44
Strong Power	Yes
Weak Power	Yes
Receiver Control	Yes
Electronic Limit Swtich	Yes
Manual Contraol	Yes
3rd Intermediate Limit Position	Yes
Obstacle Stop Function	Yes
Hand Operable During Power-off	Yes
Auto End Limits Setting	Yes
Maximal Track Length	2.5m
Maximal Load	10Kg

WSER40Q-8/23	
Output Speed	23 rpm
Power Supply	AC 120V, 0.88A
Power Consumption	103W

WSER40Q-8/19	
Output Speed	19 rpm
Power Supply	AC 230V, 0.53A
Power Consumption	121W





Construction	
Color	White
Dimensions	φ39*555mm
Weight	1.34Kg
Casing	Steel

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

# QuickLink Curtain Motor

BCM100D

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
Curtain Track Length	Maximal 5.2m
Moving Speed	12cm/s
Rated Torque	1.2Nm
Operating Temperature	-20~85°C
Operating Humidity	0~80%
Power Supply	100-240V AC 50/60Hz
Power Consumption	40W
Power Cable Length	85cm
Interface	RJ11
Button	Coding / Setting button
Track Set	Track(1m)*4, track(0.5m), track(0.2m)*2, track(0.1m), connector(0.2m), connector(0.1m)*5

## Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

Maximal Load	40Kg
Indicator	LED
Ingress Protection	IP20
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	-




## Construction

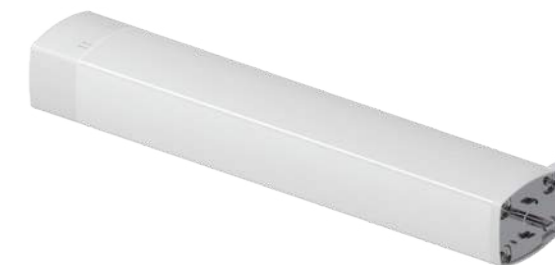
Color	White
Dimensions	270*50*50mm
Weight	5kg
Casing	ABS, aluminum




# Smart Curtain Motor

LS133WH

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 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





# Smart Controls

The brains empower deep integration

# Universal Remote Controller - SPOT

LS034SL  
LS136  
LS152 (Japan)

A fantastic IR remote controller to simplify your life by interacting with all LifeSmart product series

-  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

# General Controller

LS143

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

LS155

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

# RS485 Converter

LS080

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	LS080
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

# DEFED Key Fob

LS201WH

The most convenient portable controller for your alarm

-  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

General	
Model Name	LS201WH
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	1 Battery CR2450, 3V
Battery Life	Up to 10 year
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

# INTRUDER ALARM KIT

## Defend your home

- Tamper prevention for all devices
- GSM alarm message
- Power-off prevention
- Compatible with third-party cameras
- Communicates with other smart home devices



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