HOME+

**SMART HOME
AND
SMART LOCK
PRODUCT**

Contents

HOME+

Every home to be smart home

CoSS Protocol
Communciation 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.
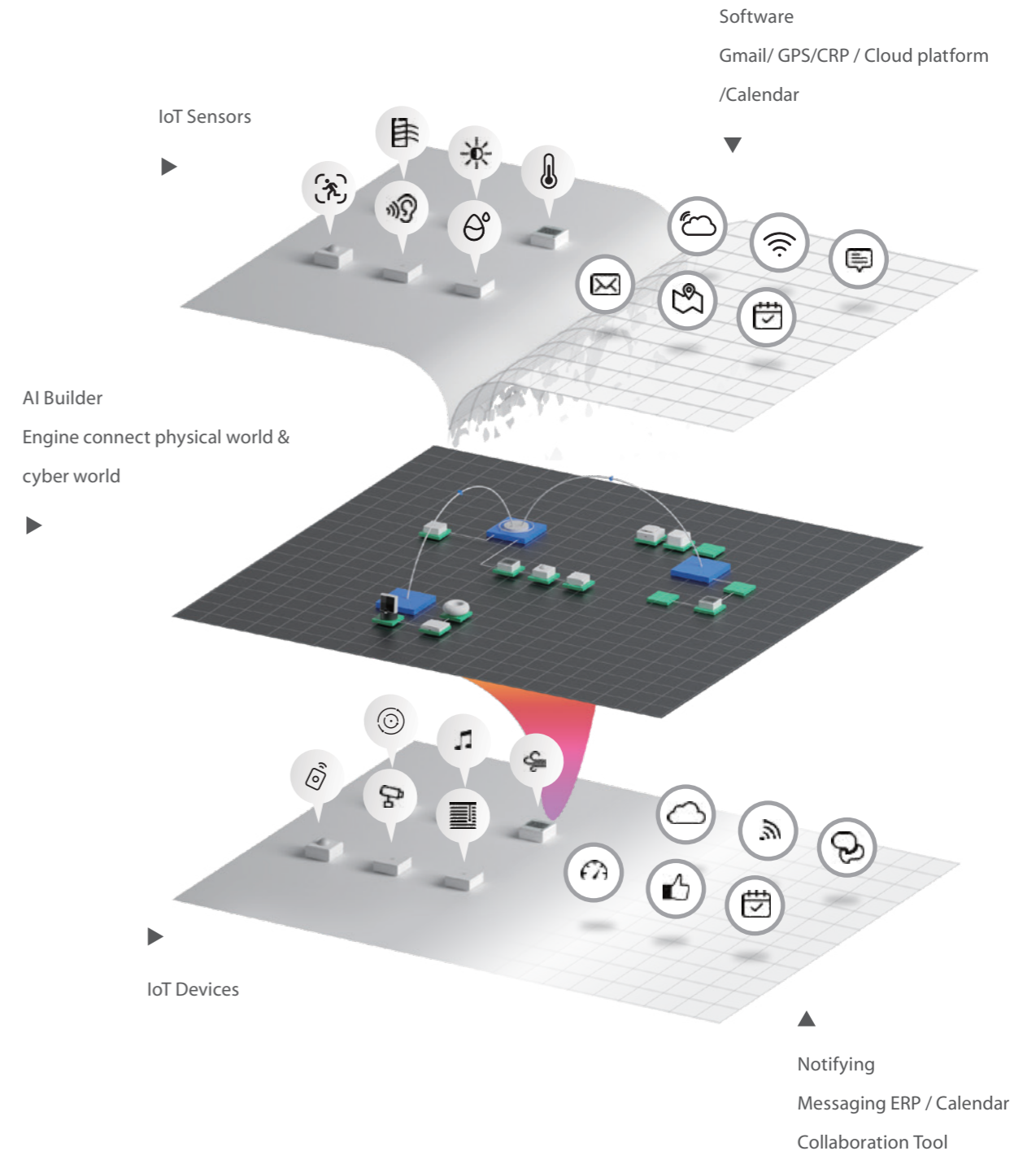
100ms
The signal delay could be less than 100ms.

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 Counsumption	Low	low	High	Low
Stability	High	High	High	Low
System Capacity	High(support more than 100 devices)	High	Low	Low
Bandwidth	Low（1kbps-128kbps)	High(256kbps)	Very High (>54mbps)	Low(9.6kbps/40kbps)
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.

Software
Gmail/ GPS/CRP / Cloud platform
/Calendar
▼

IoT Sensors
▶

AI Builder
Engine connect physical world &
cyber world
▶

IoT Devices
▶

▲
Notifying
Messaging ERP / Calendar
Collaboration Tool

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 eciency of smart home management to a new level.

System function

Push notification, AI builder, Schedule timer, Global account, OTA upgrade, Local network access, Device share, Engineering mode, RSSI monitor, Device backup.

(iOS)   (Android)   (Android TV)

* Minimum system requirement Android 4.0, iOS 7.0
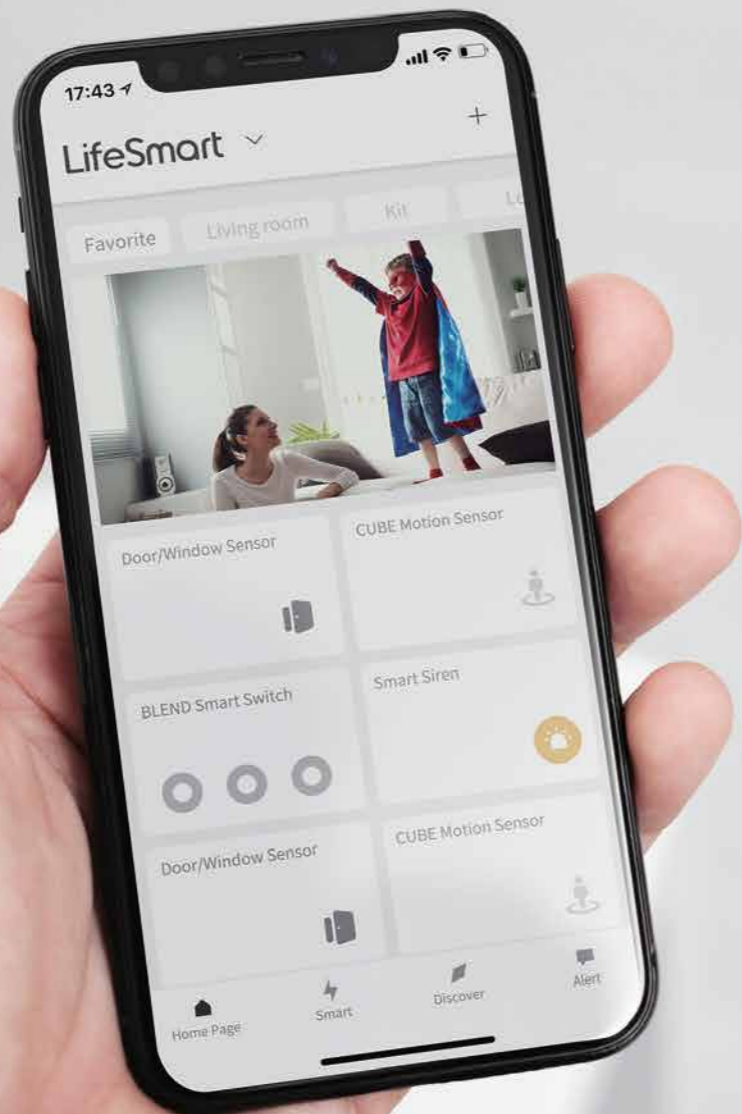
Cybersecurity

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.

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.

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

(Prevention from DDoS Attack)

Amazon Cloud — HTTPS Encryption Channel — LifeSmart App

HTTPS Encryption Channel

Smart Station

Zigbee Protocol — AES-128 CTR — Z-Wave Protocol

Zigbee Devices — LifeSmart Devices — Z-Wave Devices

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

Nature –
Smart Control Panel

LS148

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

10.25" 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

iF DESIGN AWARD 2020

General	
Model Number	LS148
Installation	In-wall concealed with pre-embedded back box(standard)
Operating Temperature	-5~45
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 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

Best light luxury smart panel

	7" High definition touch screen
	Mainsteam wireless protocol all in one
	4 Physical keys for numerous scenarios
	Elegant anodized aluminum craft

Voice control   App control   Communicates with other devices

Nature Mini

Integrating all physical switches in one screen,

	4" High definition touch screen
	Integrated with IoT gateway and smart switch
	Set and enable kinds of scenarioes through this switch panel
	Control music ,lighting, curtain,HVAC and others

Voice control   App control   Communicates with other devices

General				
Model Number	LS226WH- LS228WH		Button	Customizable scene-switch
Installation	In-wall concealed with 86		Screen	4" inch touch screen
	back box(standard)		Resolution	480 x 480
Operating Temperature	-5~45		CPU	4 Core ARM
Operating Humidity	5~90%		Power Supply	AC 100-240V 50/60Hz
Network	Wi-Fi 2.4GHz/ Ethernet		RAM	2GB
Power Consumption	<20W		Oprating System	Linux
Interface	Live/Neutral		Bluetooth	Yes (Bluetooth 4.2)
	Light1		Speaker	Yes
	Light2		Microphone	Yes
	Light3 wire in			

Construction	
Color	White/ Black
Dimensions	Outside dimension: 86*86*11mm
	Whole product dimension: 86*86*36mm
Weight	90g(panel only)
Casing	Flameresistant PC

Gateway

More than convenient when everything gets connected
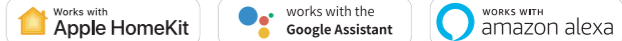
Smart Station

LS082WH   LS090WH (Japan)

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

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

Voice control   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	433~922MHz	CoSS: 433~922MHz / Zigbee: 2.4GHz	CoSS: 433~922MHz / Z-Wave
Signal Distance（Open Field）	800m	CoSS: 800m / Zigbee: 30-100m	CoSS: 800m / Zigbee: 40-100m

General	
Model Number	LS082WH
Operating Temperature	-5~45
Operating Humidity	5~90%
Power Supply	DC 5V
Power Consumption	＜2.5W
Interfaces	Power supply / RJ45 / Reset hole
Indicator	Yes
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

LS198

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

Moving human detection and alarm notifications

Voice control   App control

Outdoor Camera

LS179

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

Indoor Camera

General	
Model Number	LS198
Fov	90°
Operating Temperature	-20°~60°
Operating Humidity	5~90%
Power Supply	DC 5V
Power Consumption	<5W
Battery	No
Interface	Micro USB power input
	TF card slot
Indicator	No
Ingress Protection	Indoor
Communicationprotocol	Wi-Fi 2.4GHz
Button	Pairing/operating button
Resolution	1080P
Compression	H.264
Night View	IR 8m
PTZ	Horizontal 355° remote panning
	Vertical 89° remote tilting
Motion Alarm	Yes

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

Storage	
Built-in Storage	No
External Storage	TF card

Construction	
Color	Ivory white
Dimension	78.5*78.5*115mm
Weight	180g
Casing	ABS

Outdoor Camera

General	
Model Number	LS179
Fov	110°
Operating Temperature	-5~45
Operating Humidity	5~90%
Power Supply	DC 12V
Power Consumption	<12W
Battery	No
Interface	Power port
	Ethernet port
	Antenna port
	TF card slot
Indicator	No
Ingress Protection	Indoor/Outdoor IP66
Communicationprotocol	Wi-Fi 2.4GHz
Button	Pair/operate button
Resolution	1080P
Compression	H.264
Night View	IR 10m
PTZ	Manual adjustment

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

Storage	
Built-in Storage	No
External Storage	TF card

Construction	
Color	Ivory white
Dimension	66*66*182mm(with bracket)
Weight	375g
Casing	Aluminium alloy casing

Smart Door Lock - Classic

LS101GS/SL

A smart lock with multiple ways for access and can communi   - cate 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
Color	Gold / Silver
Dimensions	385*75*33mm
Weight	4130g
Casing	Glass panel, zinc alloy
Lock Case Grade	Super-B anti-theft lock case
Compatible Lock	6068 lock body
Lock Body Size	24*240 Square lock body (standard)
	30*240 Round lock body (optional)
	388 series overlord lock (optional)
Open Direction	Left outer opening/ Right outer opening/
	Left inner opening/ Right inner opening
Unlock Mode	Fingerprint, password, NFC card,
	emergency key
Fingerprint Module	Biological fingerprint sensor
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

Operating Temperature	-30~60
Operating Humidity	20~90%
Power Supply	8 AA alkaline batteries, 12V
Emergency Power Supply	USB
Battery Life	10 times per day, last about 1 year
Interface	Micro USB emergency power interface
Button	Fingerprint button
	Keyboard Reset button
	Code matching button
	Doorbell button
	Door lock safety knob
	Back cover open button
Display	LED display
Camera	N/A
Speaker	High fidelity speaker
Microphone	HD microphone

Radio

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

SMART DOOR LOCK

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

Voice control   App control   Communicates with other devices

Works with
Apple HomeKit

General	
Model Number	LS062WH / LS150WH (Japan)
Operating Temperature	-5~45
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

Voice control   App control   Communicates with other devices

Works with Apple HomeKit

WORKS WITH amazon alexa

General	
Model Number	LS063WH / LS091WH (Japan)
Operating Temperature	-5~45
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

Voice control   App control   Communicates with other devices

Works with Apple HomeKit

General	
Model Number	LS058WH / LS149WH (Japan)
Operating Temperature	-5~45
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

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
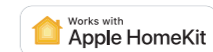
Dual control, multiple control

Voice control   App control   Communicates with other devices

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

General	
Wiring	Live+neutral
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45
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

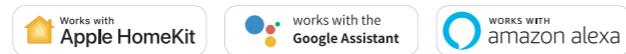| Construction	
Color	White / Black / Golden
Dimension	86*86*36.5mm
Casing	ABS+PC

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

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

General	
Wiring	Live+neutral
Control Unit	16A magnetic latching relay
Operating Temperature	5~45
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

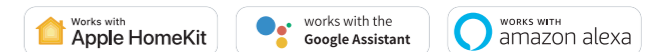| Moonstone Switch (1 way)	
Model Number	LS141WH/BL
Weight	148g

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

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Moonstone Switch 120

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

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

General	
Wiring	Live+neutral
Control Unit	16A magnetic latching relay
Operating Temperature	5~45
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
	120*72*35mm
Dimension	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

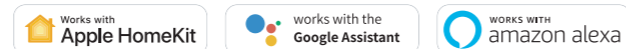| Radio	
Radio Protocol	CoSS
Signal Range (Open Field)	200m

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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

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

General	
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45
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+veutral
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

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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

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

General	
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45
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+veutral
Weight	144g

| Dual Control Only	
Model Number	LS188WH/BL/GD
Wiring	No wiring
Weight	110g

Dimmer & Motion Sensor Switch

LS174   LS154 (Japan)

Customize your own brightness with motion detection

Multiple ways of lighting adjustment

Automatically switch on and o by human motion detection

Precise brightness control by percentage

DESIGN AWARD 2020

Voice control   App control   Communicates with other devices

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)
Conpatible 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 montion sensor）
Light Detection	Yes（embeded 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 cololr options(White/Red/Wood)

Voice control   App control   Communicates with other devices

General	
Model Number	LS069WH/RD/WG / LS151WH (Japan)
Operating Temperature	-5~45
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

UK 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

Works with
Apple HomeKit

works with the
Google Assistant

WORKS WITH
amazon alexa
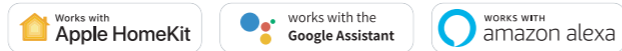
General	
Model Number	LS002
Operating Temperature	-5~45
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Static Consumption	<0.5W
Maximum Overload	10A
Button	Pairing/operating button
Indicatior	Brightness adjustable LED
Electricity Metering	No
Manual Control	Yes
Installation	Plug and play
Socket 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

Lightings

Dim the lights without lifting a finger

Light Strip

LS065

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

Low power LED technology

16 Million colors to create various lighting e ects

Brightness adjustment

Voice control   App control   Communicates with other devices

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

General	
Model Number	LS065
Lighting Color	16 million colors + white
Lamp Model	-
Luminous Flux	360lm
Operating Temperature	-5~45
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

Cololight PLUS

Design your own style and treat yourself with a unique lighting experience

Create your own design with the modular light panels

16 Million colors to create various lighting effects

A music visualizer-Cololight syncs with your music

Infinite splicing without limitation

Works with **Apple HomeKit**

works with the **Google Assistant**

WORKS WITH **amazon alexa**

CES INNOVATION AWARDS 2019 HONOREE

Construction	Cololight PLUS（HomeKit Set）	Cololight PRO（Starter Set）	Cololight PRO（Stone Set）
Model Number	LS167	LS166A3	LS166A6
Model Content	Homekit main controller	Main controller*1	Main controller *1
	Cololight	Cololight*3	Cololight *6
	Connector	Plastic base*1	Stone base *1
	Fixator	Connector*3	Connector *6
			Fixator *4
Housing Color		Ivory white	
Module Size	Led module：86*74.5*30.5mm	Led module：86*74.5*30.5mm	Led module：86*74.5*30.5mm
	Homekit controller：46.5*30.5*28mm	Controller：73.1*45*8.9mm	Controller：73.1*45*8.9mm
	Fixator：16.5*17.5*9mm	Plastic base：168.2*63.1*23mm	Stone base：86*86*61mm
	Connector：23.1*17.5*9mm	Fixator：16.5*17.5*9mm	Fixator：16.5*17.5*9mm
		Connector：23.1*17.5*9mm	Connector：23.1*17.5*9mm
Weight	Led module：52.5g	Led module：52.5g	Led module：52.5g
	Homekit controller：34g	Controller：30g	Controller：30g
	Fixator：2g	Plastic base：35.5g	Stone base：550g
	Connector：2.6g	Fixator：2g	Fixator：2g
		Connector：2.6g	Connector：2.6g
Casing		Upper cover: ABS; others: ABS+PC	

General	
Led Color	16 Million color
Operating Temperature	-5~45
Operating Humidity	5~90%
Power Supply	DC 5V 2A (each 10 light units require 1 ampere extra power)
Power Consumption	0.3W at lowest, max. ＜5W
Maximal Connecting Led Module	Up to 255 units per controller
Radio Protocol	Wi-Fi 2.4GHz
Touch Button	Yes, on the main controller
Number of LEDs Per Module	19 Led lights in one Cololight module, can be individually controlled
Features	app control, touch button control, bluetooth pairing, timer function, group control, play library for multiple effects

Cololight（Extension）	
Model Number	LS161
Model Content	Cololight
	Connector

BLEND Light Bulb - E27 ^{LS024}

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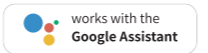
Low power LED technology

16 Million colors to create various lighting e ects

Brightness adjustment

Good design with capsule casing

Voice control   App control   Communicates with other devices

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

General

Model Number	LS024
Lighting Color	16 million colors + white
Lamp Model	E27
Luminous Flux	220lm
Operating Temperature	-5~45
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

Construction

Color	Silver
Dimensions	50*110mm
Weight	78g
Casing	Aluminum alloy
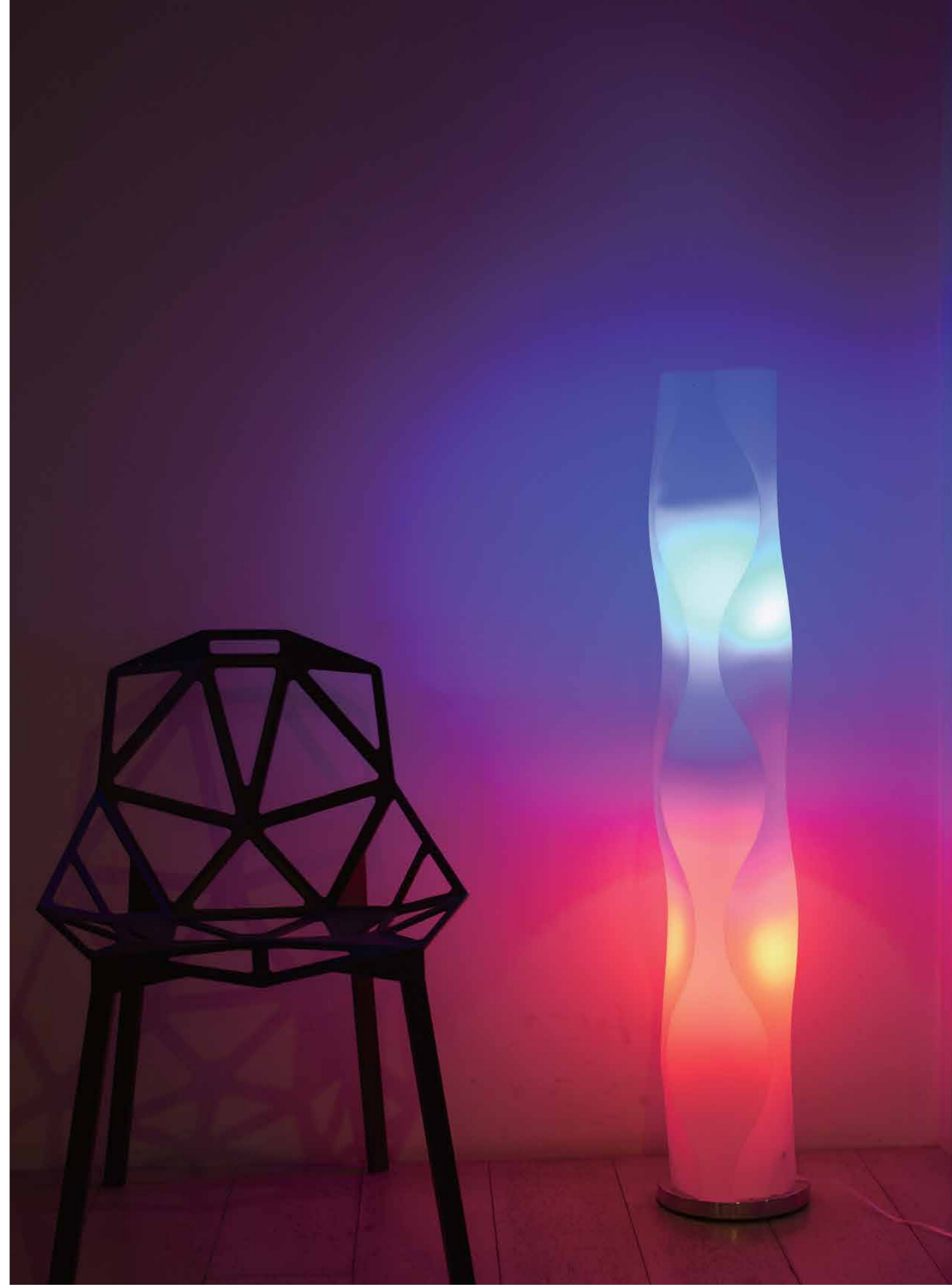
Curtain Controllers
Embrace the morning
sunshine while lying in bed

MINS Curtain Motor Controller LS178

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

Accurate control by percentage

Voice control   App control   Communicates with other devices

WORKS WITH
amazon alexa

General	
Model Number	LS178
Control Unit	Relay: 2A magnetic latching
Operating Temperature	-5~45
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

WORKS WITH
amazon alexa

General	
Model Number	LS074WH / LS074GD / LS074BL
Wiring	Live+neutral
Control Unit	16A magnetic latching relay
Operating Temperature	-5~45
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

Works with
Apple HomeKit

works with the
Google Assistant

WORKS WITH
amazon alexa

General	
Wiring	Live+neutral+ground
Rated Torque	8 N.m
Running Time	4 min
Operating Temperature	-5~45
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-o	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	39*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

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

General

Model Number	BCM100D		Maximal Load	40Kg
Curtain Track Length	Maximal 5.2m		Indicator	LED
Moving Speed	12cm/s		Ingress Protection	IP20
Rated Torque	1.2Nm		Strong Power	Yes
Operating Temperature	-20~85		Weak Power	Yes
Operating Humidity	0~80%		Receiver Control	Yes
Power Supply	100-240V AC 50/60Hz		Electronic Limit Swtich	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-o	Yes
Track Set	Track(1m)* 4, track (0.5m),		Auto End Limits Setting	-
	track(0.2m)*2, track(0.1m),			
	connector(0.2m), connector(0.1m)*5			

Construction

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

Radio

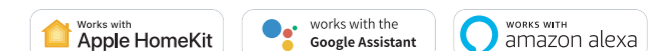|	
Radio Protocol	CoSS
Signal Range (Open Field)	100m

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

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

General

Model Number	LS133WH		Button	Reset/Receiver pairing button
Moving Speed	14cm/s			Smart station pairing button
Rated Torque	1.2Nm		Ingress Protection	IP40
Operating Temperature	-5~45		Strong Power	Yes
Operating Humidity	5~90%		Weak Power	Yes
Ingress Protection	IP40		Receiver Control	Yes
Power Supply	AC 100V-240V 50/60Hz		Electronic Limit Swtich	Yes
Power Consumption	13W		Manual Contraol	Yes
Power Cable Length	125cm		3rd Intermediate Limit Position	Yes
Interface	Serial port		Obstacle Stop Function	Yes
	Weak urrent switch interface		Hand Operable During Power-o	Yes
Indicator	LED		Auto End Limits Setting	Yes
Maximal Track Length	8m			
Maximal Load	50Kg			

Construction

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

Radio

Radio Protocol	CoSS
Signal Range (Open Field)	100m

Smart Controls
The brains empower deep integnation

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 e ects

Voice control   App control   Communicates with other devices

works with the **Google Assistant**
WORKS WITH amazon alexa

General	
Operating Temperature	-5~45
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

Smart Locks

Convenience
Security
Life Style

Powered By
tuya

Intelligence
Inside

A7H Push-pull Smart Lock

A smart lock with multiple way to access and can communicate with Tuya smart home devices

Multiple access

Anti-theft lock case

Detect break-in and entrance attempts

Door bell | App control | Communicates with other devices

General	
Model Number	A7H
Color	Black
Material	Zinc Alloy
Compatible Lock	6068 lock body
Open Direction	Left outer opening/ Right outer opening/
	Left inner opening/ Right inner opening
Unlock Mode	Fingerprint, Password, NFC card, Mobile App, Emergency key
Storage Quantity	Fingerprint*100/ Password*100/ NFC card*100
Password Length	6-12 Digit
Cryptographic Function	Visitor temporary password
	One-key protection
Operating Temperature	-20~60℃
Operating Humidity	15%~93%
Power Supply	4~8AA alkaline batteries, 5V
Emergency Power Supply	USB

Radio	
Radio Protocol	BLE, WiFi with gateway
Range（Open Field）	5~10m

Construction	
Color	Black
Dimensions	420*69*55mm (Front)
	420*69*57mm (Back)
Weight	6.5kg

M8H Push-pull Smart Lock

A smart lock with multiple way to access and can communicate with Tuya smart home devices

Multiple access

Anti-theft lock case

Detect break-in and entrance attempts

Door bell　　App control　　Communicates with other devices

General

Model Number	M8H
Color	Black
Material	Zinc Alloy
Compatible Lock	6068 lock body
Open Direction opening/	Left outer opening/ Right outer
opening	Left inner opening/ Right inner
Unlock Mode	Fingerprint, Password, NFC card, Mobile App, Emergency key
Storage Quantity	Fingerprint*100/ Password*100/ NFC card*100
Password Length	6-12 Digit
Cryptographic Function password	Visitor temporary
	Remote Unlock
Operating Temperature	-20~60℃
Operating Humidity	15%~93%
Power Supply	7.4V lithium battery
Emergency Power Supply	USB

Radio

Radio Protocol	WiFi
Range（Open Field）	10m

Construction

Color	Black
Dimensions	420*76*65mm (Front)
	420*76*75mm (Back)
Weight	4.7kg

HD19 Smart Lock

A smart lock with multiple way to access and can communicate with Tuya smart home devices

Multiple access

Anti-theft lock case

Detect break-in and entrance attempts

Door bell　　App control　　Communicates with other devices

General

Model Number	HD19
Color	Black
Material	Zinc Alloy
Compatible Lock	6068 lock body
Open Direction opening/	Left outer opening/ Right outer
opening	Left inner opening/ Right inner
Unlock Mode	Fingerprint, Password, NFC card, Mobile App, Emergency key
Storage Quantity	Fingerprint*100/ Password*100/ NFC card*100
Password Length	6-12 Digit
Cryptographic Function password	Visitor temporary
	Remote Unlock
Operating Temperature	-20~60℃
Operating Humidity	15%~93%
Power Supply	4AA alkaline batteries, 5V
Emergency Power Supply	USB

Radio

Radio Protocol	WiFi
Range（Open Field）	10m

Construction

Color	Black
Dimensions	358*70*82mm (Front)
	358*70*82mm (Back)
Weight	4.5kg

HD1 Smart Lock

A smart lock with multiple way to access and can communicate with Tuya smart home devices

Multiple access

Anti-theft lock case

Detect break-in and entrance attempts

Alarm   App control   Communicates with other devices

General	
Model Number	HD1
Color	Black
Material	Zinc Alloy
Compatible Lock	6068 lock body
Open Direction opening/	Left outer opening/ Right outer
opening	Left inner opening/ Right inner
Unlock Mode	Fingerprint, Password, NFC card, Mobile App, Emergency key
Storage Quantity	Fingerprint*100/ Password*100/ NFC card*100
Password Length	6-12 Digit
Cryptographic Function password	Visitor temporary
	Remote Unlock
Operating Temperature	-20~60℃
Operating Humidity	15%~93%
Power Supply	4AA alkaline batteries, 5V
Emergency Power Supply	USB

Radio	
Radio Protocol	WiFi / BLE
Range（Open Field）	10m

Construction	
Color	Black
Dimensions	370*75*72mm (Front)
	370*75*72mm (Back)
Weight	4kg

HS60 Smart Grill Lock

A smart lock with multiple way to access and connected with TTLock

Multiple access

Prevent unauthorized exit

Double fingerprint

Double lock   App control   Communicates with TTLock

General	
Model Number	HS60
Color	Black
Material	SUS304 Stainless Steel
Compatible Lock	2885 lock body
Open Direction opening/	Left outer opening/ Right outer
opening	Left inner opening/ Right inner
Unlock Mode	Fingerprint, Password, NFC card, Mobile App, Emergency key
Storage Quantity	Fingerprint*100/ Password*100/ NFC card*100
Password Length	6-12 Digit
Cryptographic Function password	Visitor temporary
	Remote Unlock
Operating Temperature	-20~60℃
Operating Humidity	15%~93%
Power Supply	4AAA alkaline batteries, 5V
Emergency Power Supply	USB

Radio	
Radio Protocol	BLE
Range（Open Field）	5~10m

Construction	
Color	Black
Dimensions	300*40*25mm (Front)
	300*40*25mm (Back)
Weight	3kg

INTRUDER ALARM KIT

Defend your home

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

LifeSmart
DEFED

OPEN
RESPECT
EXCELLENCE
DELIVER