



GOOGLE IS A TRADEMARK OF GOOGLE LLC



Apple MFi  
Manufacturer

# Catalogue

For Your Intelligent Life







Smart Home



Consumer  
Accessories



Automotive

Opron

Opron  
Accessories







CviCloud Corporation  
瀚雲科技股份有限公司

CviCloud (SZ) Limited  
瀚云信息技术(深圳)有限公司

CviCloud Limited  
瀚雲科技有限公司

## CviLux Group

### About Us

Founded in 1990, CviLux dedicates in manufacturing & selling connectors, FFC, and Wire harnesses. Our products are mainly for the application of consumer electronic, computers, communication and electro-optical. CviLux headquarters with high-precision automatic production line is located in Tamshui, Taipei and operates totally 8 plants at Tamshui in Taiwan, Dongguan, Suzhou, Chong Qing, Anhui area in China and Laos to meet worldwide delivery trend.

CviLux products have been distributed through European, Asian and American markets. With integrated sales network, CviLux is able to connect its Asian production bases and sales partners all over the world in a very short time. With the efficient information system & global organization ability, CviLux provides good local service worldwide.

CviLux will keep extending overseas sales network and co-operating with world-famous enterprises on OBM/ODM/OEM cases.

Besides, we will also be allied with technical partners to enlarge the capacity and accelerate improving R&D and manufacturing techniques, which can create much more add-on value products to satisfy our customers and markets. We are marching to be a main supplier on global electronic materials supply chain.

In the past, CviLux stood for stable, speedy, and quality. In the future, CviLux will go on to offer faster, better and add-on value products with great service to win your trust.

### Strength

- Apple MFi manufacturer (C.M. 6.6) and HomeKit Provider
- Global Sales Marketing Company in IT Industry over 29 Years
- Local Warehouse & Logistics Available in USA, Europe and Asia.
- Integrated Production & Marketing Strategy.
- R&D Team Creating Innovation & More Add-On Value Products

# FOR YOUR INTELLIGENT LIFE

Opro9 is originated from CviLux Group. CEO, Mr. Steve Yang, has good experience in the electronic connector industry over 40 years and create the brand "CviLux" into the well-known field of connectors in the world. "Connect" is not only a tool to bring our life together, but also an inheritance. Opro9 holds original faith of CviLux and looks into the future. In addition, we not only pay attention on ODM business but also keep doing IOT product research and development as well. Furthermore , we can help you find the solution to improve your living. In the future we will expand our product lines and launch more and more articles for your intelligent life.

**Sales Rep. & O2O Distributor Required.**

Service : [service@opro9.com](mailto:service@opro9.com)

(The product is covered with USD one million Product Liability Insurance.)

---

Apple MFi C.M. 6.6 Licensed Manufacturer

Apple MFi  
Manufacturer



HDMI  
HIGH DEFINITION MULTIMEDIA INTERFACE



Bluetooth



IATF 16949

ISO 9001

ISO 14001

QC080000

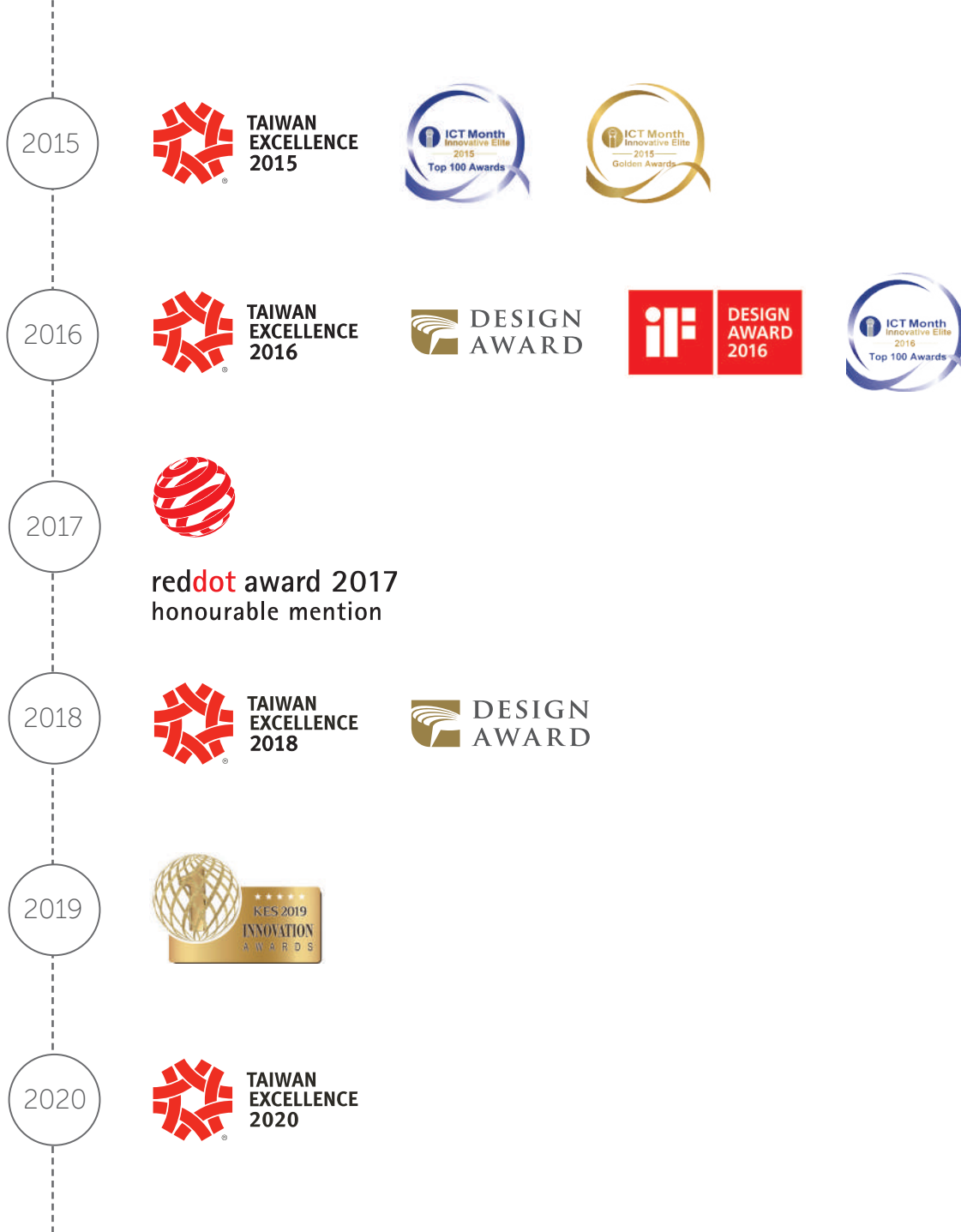
OHSAS18001

ISO14064

dun&bradstreet

D-U-N-S® CERTIFIED

[Click here to view the online D-U-N-S® Certified Profile](#)















### Cloud Service

Opro9 has professional cloud services, in addition to HomeKit's original iCloud cloud service, Opro9 also provides a differentiated cloud service experience.



### International Certification

Opro9 is a global brand. We have passed ISO 9001, 14001, 14064, QC 080000, OHSAS18001, vide consumers with the highest quality products.



### Integrated Development System

Opro9 has extensive experience in integration of software, hardware and cloud platform systems, and has the ability to integrate and develop cross-platform systems.



### System Integration

Opro9 have a good supply chain partnership. Customized solution integration experience, HomeKit system integration solution service.



### Customized

Opro9 has a customized R&D team to provide customized product development services and complete after-sales services.



### Industrial Design

Opro9 has an experienced industrial design team. Received worldwide Design Award experience, The design team has a wealth of design strength.



### Operating System

Opro9 as MFi manufacturer, product certification by HomeKit. Apple HomeKit system has the advantages of high security encryption.



### Experience

Opro9 provides users with rich context experience, guide users to create a dedicated situation experience.

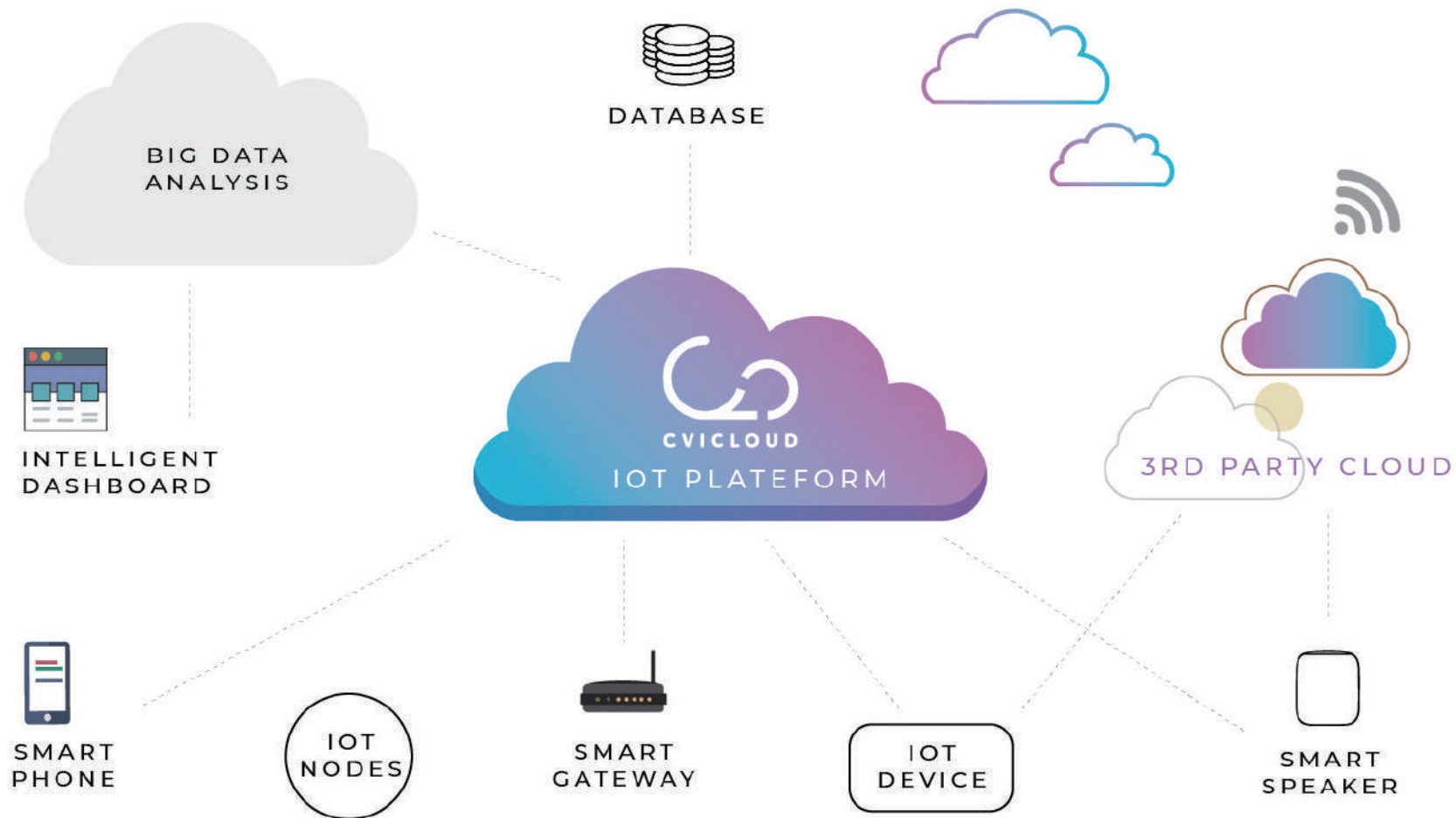
# THE EXHIBITION IN THE WORLD











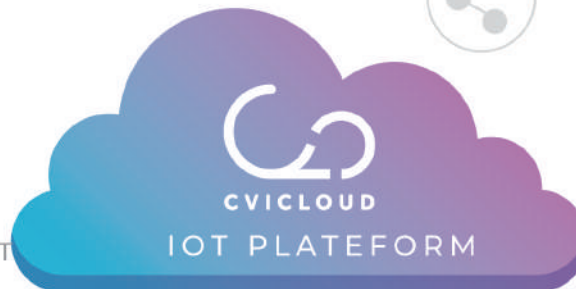


Software Design  
iOS · UI/UX · Android  
SDK · Web



## SYSTEM SERVICE

Smart Home · Care Center · Smart Factory  
Online Shopping · R&A Service · Push Notify



INTERNET

API

Data Collect · Data Analysis  
Device Management · User Management  
MQTT/Restful/Serverless/Cloud Computing/CDN



Communication Scheme (Wi-Fi, BLE, LoRa, ...)



Hardware Design  
Firmware Design · Electronic Design  
Industrial Design · Mechanical Design



## 3RD PARTY CLOUD

Google · Alexa  
Apple · Baidu  
Tmall · Tencent



Voice Command



# CviCloud



Lights



Switches



Outlets



Thermostats



Windows



Humidifiers



Air Purifiers



Speakers



Sensors



Security



Locks



Cameras



Doorbells



Garage Doors



Bridges



Fans

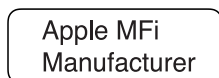


Air Conditioners



Opro9 Home App

Compatible devices required







# Intelligent Scenes

Smart Home Security Management  
Smart Lighting Management  
Smart Home Energy Saving  
Party and Special Scene  
Outdoor  
B2B Solutions



Light up  
Your Home  
with Smart  
Technology !



# Smart Home Security Management

Opro9 Smart Home Security Management system makes you control the situation of your family and house anytime. It will record any wonderful moment and even protect your love.



Motion Sensor



Door & Window Sensor



Smart Lightbulb Socket



Smart Power Outlet



Smart Light (Switch)  
Control Box



Smart Light (0-10V) Dimmer  
Switch Control Box





# Smart Lightning Management

Opro9 Smart Lighting Management system perfected to produce true-to-life colors on command, the system doesn't only put the brightest, most beautiful palette at your fingertips



Smart Lightbulb Socket



Smart Power Outlet



Smart Light (Switch)  
Control Box



Smart Light (0-10V) Dimmer  
Switch Control Box



Motion Sensor





# Smart Home Energy Saving

Opro9 Smart Home Energy Saving make it come true that you can control the home appliances anytime. To save sources technologically, to make life more conveniently, to be friendly for environment, and to save money more than you think!



Smart Air Purifier



Smart Lightbulb Socket



Smart Power Outlet



Smart Light (Switch)  
Control Box



Smart Light (0-10V) Dimmer  
Switch Control Box



Motion Sensor



## Party and Special Scene

Opro9 Party and Special scene management system can help users to control the feeling of the scene, give users and participants the best and delightful experience



Smart Lightbulb Socket



Smart Power Outlet



Smart Light (Switch)  
Control Box



Smart Light (0-10V) Dimmer  
Switch Control Box



Smart Aroma Diffuser



Smart Air Purifier



Motion Sensor  
Switch Control Box





# Outdoor

Opro9 outdoor scene management system can help users control and connect every outdoor device more intelligently and easily.



Smart Power Outlet



Smart Light (Switch)  
Control Box



## B2B Solutions

Opro9 B2B Solution can raise the efficiency of company operation and lower energy consumption to satisfy the modern demands with high stability.



Smart Lightbulb Socket



Smart Power Outlet



Smart Light (Switch)  
Control Box



Smart Light (0-10V) Dimmer  
Switch Control Box



Smart Aroma Diffuser



Smart Air Purifier



Door & Window Sensor



Motion Sensor



FHH105

## Smart Aroma Diffuser

Support Wi-Fi controlled by way of APP

To select the Humidification time (1H/3H/8H)

Automatically turn off as waterless

Manual operation to 5 kinds of Scenario Lights and Color Lights on the APP

Humidifier initial set up.

Automatically start the humidity detected function, when the air humidity is reached under the humidifier set up

Wi-Fi specification

Wireless security

Protection

Noise

Adapter Rated voltage

Input voltage

Maximum power

Product Dimensions

Weight

Certifications

2.4GHz IEEE 802.11 b/g/n

WPA Personal, WPA2 Personal

Low-water level protection / waterless protection

≤36dB

100V-240V, 50/60Hz

DC 24V / 1.0A

19W

86.8\*113.3\*209mm

0.476 kg

NCC, SRRC, RoHS







## FHH106 Smart Air Purifier

Support Wi-Fi controlled by way of APP  
Automatically detect the air dust concentration  
Automatically detect if any smoke  
Automatically control motor speed  
Automatically indicate the working time accumulated  
Automatically turn off as waterless  
Automatically generate negative ions function in the air  
Manual Select various 4 kinds of Scenario Lights on the APP

Wi-Fi specification	2.4GHz IEEE 802.11 b/g/n
Wireless security	WPA Personal, WPA2 Personal
Adapter voltage	100-240VAC, 50/60Hz
Input voltage	DC 12V / 1A
Maximum power	11.5W
Noise	<55dB
Product Dimensions	270*138*212mm
Weight	1.5 kg
Certifications	CE, TELEC, PSE, NCC, BSMI, SRRC



FHH108

## Smart Lightbulb Socket (US)

Smart lightbulb socket (United States, Europe, Taiwan version) can work with Ok Google and Apple Homekit, Wi-Fi wireless controlled by APP or Siri voice command Remote Turning On/Off, Dimmer Control.

Input Type	100-125V (US)
Output Type	E26/E27
Power Consumption	5W (Max)
Max External Load	60W (US)
Product Dimensions	65 * 65 * 81 mm
LED	Power Switch (Solid green). Wi-Fi Status (blinking blue) Identify (Blinking red) Max. 125VAC Wi-Fi, Compliance to IEEE802.11 b/g/n WPA/WPA2 Power Switch, Reset FCC / NCC / TELEC / VCCI R: Device Identify (Flash) G: Power, Outlet in Use B: Wi-Fi (Quick flash for adding into network)
Line Voltage	
Connection	
Push Button	
Certification	
LED Notification	





## FHH107 Smart Power Outlet

Apple Homekit certified smart power outlet (United States, Taiwan, and Japan version)

Wi-Fi wireless controlled by APP or Siri voice command

Metering feature to monitor the power usage

Remote Turning On/Off Control

Output Port	1
Outlet Type	USA or Taiwan
Relay Load	Max. 10A (1,500W)
Line Voltage	Max. 250VAC min. 100VAC
Measuring Accuracy	±10%
Connection	WiFi, Compliance to IEEE802.11 b/g/n WPA/WPA2
Push Button	Power Switch, Reset
LED Notification	R: Device Identify (flash) G: Power, Outlet in Use B: Wi-Fi (Quick flash for adding into network)
Over Load Protection	Provided (OCP)
Product Dimensions	65 * 65 * 81 mm
Certification	CE/FCC/NCC/TELEC/VCCI





FHH112

## Dual System Outlet

Compatible with Alexa and works with Ok Google, Apple Homekit  
Wi-Fi Wireless Controlled by APP  
Metering feature to monitor the power usage  
Over Current Protection

Output Port	1
Outlet Type	USA or Taiwan
Relay Load	Max. 10A (1,500W)
Line Voltage	Max. 250VAC min. 100VAC
Measuring Accuracy	±10%
Connection	WiFi, Compliance to IEEE802.11 b/g/n WPA/WPA2
Push Button	Power Switch, Reset
LED Notification	R: Device Identify (flash) G: Power, Outlet in Use B: Wi-Fi (Quick flash for adding into network)
Over Load Protection	Provided (OCP)
Product Dimensions	65 * 65 * 81 mm
Certification	CE/FCC/NCC/TELEC/VCCI



FHH111

# Apple HomeKit Smart Lightbulb Control Box

Smart Lightbulb Control Box for 110V/220V, Dimming unavailable

Wi-Fi specification

Wireless security

Input Voltage

Load Current

Product Dimensions

Temperature range

Humidity range (Non-condensation)

Certification

2.4GHz IEEE 802.11 b/g/n

WPA Personal, WPA2 Personal

100-240VAC~, 50/60Hz

Maximum 600W/6A Confidential Overload protection: 700W (OWP) I

111mm\*45mm\*27mm

Storage Temperature(0~40°C), Operating Temperature (-20~65°C)

Storage Temperature(10~90%), Operating Temperature (5~95%)

CE, FCC, ETL, Wi-Fi, NCC, SRRC



Works with  
**Apple HomeKit**





## FHH110

# Smart Lightbulb Control Box

Smart Lightbulb Control Box for 110V/220V  
Wi-Fi wireless controlled by APP  
Support Siri, Alexa, Google voice command  
Remote Turning On/Off Lighting Control

Wi-Fi specification  
Wireless security  
Input Voltage  
Load Current  
Overload protection  
Product Dimensions  
Temperature range  
Humidity range (Non-condensation)  
Certification

2.4GHz IEEE 802.11 b/g/n  
WPA Personal, WPA2 Personal  
100-240VAC~, 50/60Hz  
Maximum 1500W / 15A  
1750W (OWP) Confidentialia  
111mm\*45mm\*27mm  
Storage Temperature(0~40°C), Operating Temperature (-20~65°C)  
Storage Humidity(10~90%), Operating Humidity (5~95%)  
CE, FCC, ETL, Wi-Fi, NCC, SRRC





FHH116

## Opro9 Motion Sensor

Opro9 Motion Sensor is an Homekit enable motion sensor and paired by Bluetooth, it can send notification of the motion trigger. Battery-powered and completely wireless and the sensor's location can be charged at any time for extreme convenience.

Product Dimensions  
Bluetooth specification  
Connection distance  
Input Voltage  
Detection distance  
Certification  
Temp range  
Color

66mm\*32mm\*33mm  
Bluetooth 5 and 2.4 GHz proprietary System-on-Chip  
6 Meter  
CR123A battery (3V) \*1  
≤ 8m  
CE, FCC, ETL, NCC, SRRC  
Storage Temperature(-20~80°C)  
Operating Temperature (0~40°C)  
Black, White





FHH117

## Opro9 Door & Window Sensor

Opro9 Door & Window Sensor is an Homekit enable sensor and paired by Bluetooth. The sensors can promptly notify you by your smart phone if someone attempts to access your home through a door and window. You can be sure that you and your family are protected.

Product Dimensions  
Bluetooth specification  
Connection distance  
Input Voltage  
Certification  
Temp range

Color

66mm\*32mm\*25mm  
Bluetooth 5 and 2.4 GHz proprietary System-on-Chip  
6 Meter  
CR123A battery (3V) \*1  
CE, FCC, ETL, NCC, SRRC  
Storage Temperature(-20~80°C)  
Operating Temperature (10~35°C)  
Black, White





# Opro9 Smart Station

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

Model Number	LS082WH
Operating Temperature	-5~45°C
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 )
Color	Ivory white
Dimensions	110.8*110.8*28mm
Weight	120g
Casing	ABS



# Opro9 CUBE Motion Sensor

A tiny Motion sensor combined PIR technology and light detection.

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



## Opro9 CUBE Door / Window Sensor

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

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
Button	Customizable button, pairing button
Indicator	LED
Color	Ivory white
Dimensions	38.4*38.4*14.6mm
Weight	20g
Casing	ABS+PC





# Opro9 CUBE Environmental Sensor

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

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
Button	Pairing button
Indicator	LED
Display	LCD
Color	Ivory white
Dimensions	38.4*38.4*16.2mm
Weight	24g
Casing	ABS+PC



## Opro9 Water Leak Sensor

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

Model Number  
Operating Temperature  
Operating Humidity  
Detecting Types  
Sensors  
Power Supply  
Power Consumption

LS064WH  
-5~45°C  
5~90%  
Water leak  
Leak sensor  
1 Battery CR2450, 3v  
Static consumption<30μw  
Alarm consumption<100mw  
Up to 1 year  
Water sensing probe  
Pairing button  
LED  
Ivory white  
50\*72\*20mm  
31g  
ABS+PC

Battery Life  
Interface  
Button  
Indicator  
Color  
Dimensions  
Weight  
Casing





## Opro9 Moonstone Switch 120

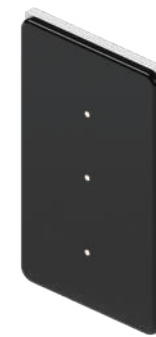
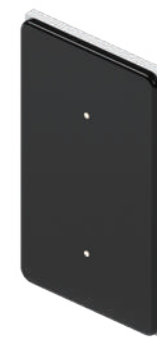
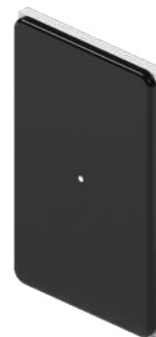
Touchable switch leads you into a simple smart life.

Wiring  
Control Unit  
Operating Temperature  
Operating Humidity  
Power Supply  
Static Consumption  
Maximum Overload

Indicator  
Color

Dimension  
Casing

Live+neutral  
16A magnetic latching relay  
5~45°C  
5~90%  
AC 100-240V 50/60Hz  
<1.5W  
Resistive load: 500W per channel  
Inductive/Capacitive load: 200W per channel  
16Million colors  
White glass+White frame/  
Black glass+White frame  
120\*72\*35mm  
Bottom cover: PC, top cover: ABS+PC,  
front panel: glass







## Opro9 Starry Switch

A tiny Motion sensor combined PIR technology and light detection.

Control Unit  
Operating Temperature  
Operating Humidity  
Power Supply  
Static Consumption  
Maximum Overload

16A magnetic latching relay  
-5~45°C  
5~90%  
DC 5V-30V Or AC 90-250V  
<1mW  
Resistive load: 500W per channel  
Inductive/Capacitive load: 200W per channel  
DC load: 30V/5A  
ER18505M(substitute: CR17505 or ER17505)  
5 years  
White / Black / Golden  
86\*86\*39mm  
ABS+PC

Battery Type  
Battery Life  
Color  
Dimension  
Casing



# Smart Curtain Motor

Turn your traditional curtains into smart ones.

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



## Light Strip

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

Model Number	LS065
Lighting Color	16 million colors + white
Luminous Flux	360lm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	DC 24V
Power Consumption	<12W/m
Color	-
Dimensions	2000*12*3.5mm
Weight	Light strip weight : 114g/2meters





## Opro9 BLEND Light Bulb - E27

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

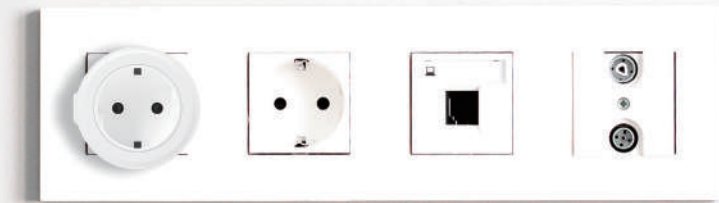
Model Number	LS024
Lighting Color	16 million colors + white
Lamp Model	E27
Luminous Flux	220lm
Operating Temperature	-5~45°C
Operating Humidity	5~90%
Power Supply	AC 100-240V 50/60Hz
Power Consumption	Static consumption<0.5W Nominal consumption : 6W (RGB 3W,white 3W)
Color	Silver
Dimensions	Ø50*110mm
Weight	78g
Casing	Aluminum alloy



## Opro9 Smart Plug - EU&FR

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

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





Opro9



CviCloud



CviLux Group