



Web



AVATTO APP

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—  —  
One Stop Smart Home Solution

# AVATTO

Focus On Smart Home

## ABOUT MIUC

MIUC Technology was established on 4th, Aug 2014 in Hongkong, own brand AVATTO, mainly concentrate on R&D, Production and Sales of top end IOT smart home product. Product in MIUC covered smart thermostat, smart switch& socket, smart sensor and security, smart DIY module, gateway and other smart home gadget for whole house smart home solution.

## Brand Vision

AVATTO delicated to create top quality, excellent design and most user friendly smart home product to its customer all over the world.

More family and enterprise can benefit from the convenience, safety, happiness and creativity of AVATTO smart home system, and live a better life.

## Corporation Values

Keep Innovation, Create Value and Excellent Service are core enterprise principle to build perfect and firm cooperation with customer world wide, and bring every excellent product to every family user.



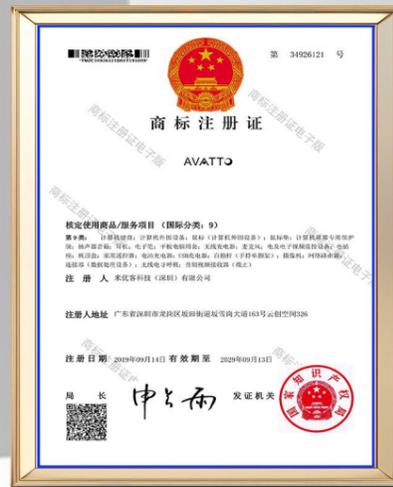
<b>1</b> Global Headquarters	<b>2</b> Production Bases	<b>150+</b> Production Workers	<b>6000 m<sup>2</sup></b> Production Area
<b>ISO9001</b> Certificated	<b>ICS / BSCI</b> Certificated	<b>5+</b> SMT Lines	<b>8+</b> Assembling/Testing /Packaging Lines
<b>6</b> Steps Testing Process Before Shipping	<b>2</b> Product R&D Labs	<b>10 Million</b> Pieces Production Capacity	<b>500 Million</b> RMB Business Volume



1000+ Smart Home Product SKUs, One Stop Solution

150+ Patents Home & Abroad

20+ Product Awards Home & Abroad



**11 Years**

OEM/ODM Experience

**35+**

Top End Software&Hardware Engineers

**10+**

Professional International Sales

**5+**

Experienced Product Managers

**2000+**

Customers

**100+**

Brand Service Experience

**40+**

Countries Export Experience

**10+**

Distributors World Wide





Smart Thermostat



Smart Electricity



Smart Security



Smart Control Center



Smart Lighting



Smart Energy



Smart Garden



# AVATTO

Focus On Smart Home

## Type of Cooperative Customers



Wholesales Importer



Offline Supermarket / Chain Store / Brand Store / Distributor



Online Brand Store & Web / Distributor



Estate Smart Home Solution (Apartment / House / Office Building / Hospital / Resort and so on)

## Cooperation Solution



OEM



ODM

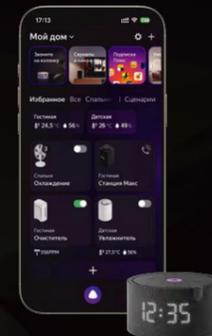


Brand Distribution

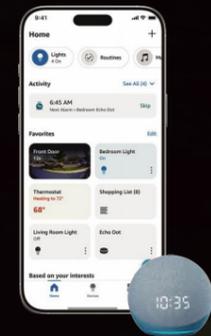
## Communication Protocol



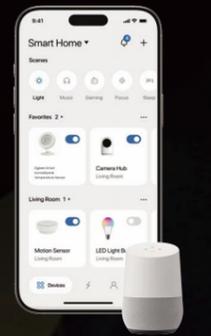
## Third-Party Application



Works with Yandex Alice



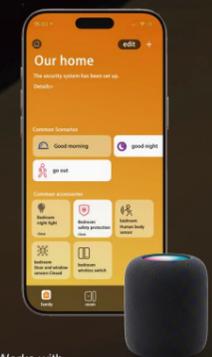
Works with Amazon Alexa



WORKS WITH Google Assistant



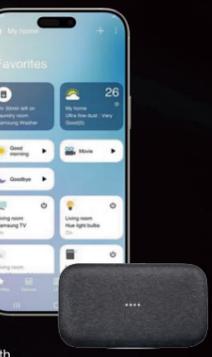
Works with DuerOS



Works with Apple HomeKit



Works with AliGenie



Works with SmartThings



# 01

## Smart Switch



- Mechanical Serials
- Touch Serials
- Knob Scene Switch
- Customiz Zone

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# 02

## Smart Sensor



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# 03

## DIY Module



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# 04

## Smart Thermostat



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## Regional Market Special



- Brazil
- Germany
- Middle East

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## Smart Socket



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## Home Assistant



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## Smart Remote Control



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# 11

## Smart Garden



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# 12

## Smart Control Panel

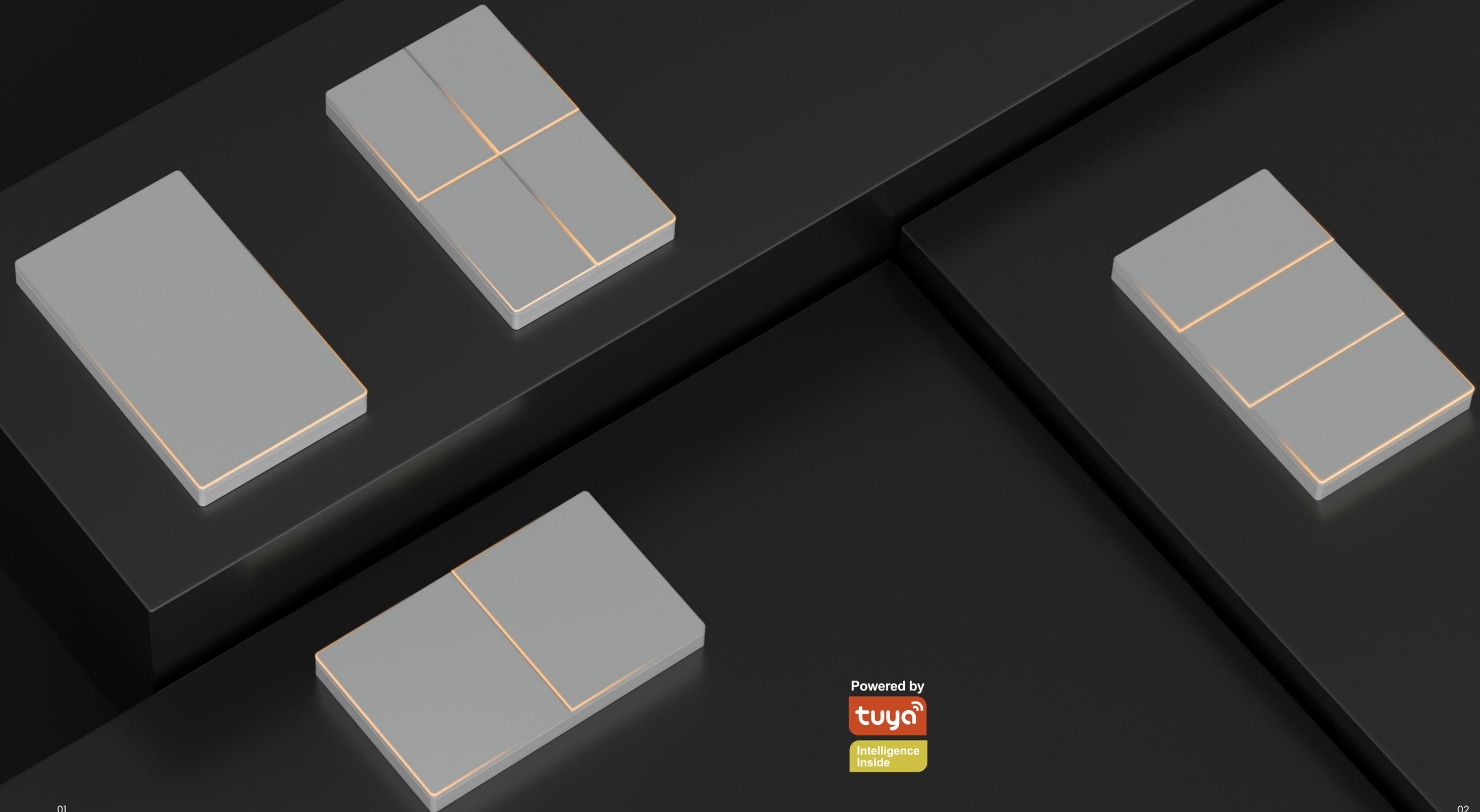


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# Blade Series

AVATTO Blade Series adapt minimalism design language. simple, ultrathin, textured and high technology sense.



# Blade Serials

## Main Feature

- Delicate and Minimal Design
- Ambient Light
- High / Low Voltage Isolated Design



Wi-Fi	1 Gang	2 Gang
	3 Gang	4 Gang
Zigbee	1 Gang	2 Gang
	3 Gang	4 Gang

## Specification

Model No.: TS60-US/ZTS60-US  
 Product Size: 120\*72\*47mm  
 System: support IOS8.0/Android4.0 and above  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.

Protocol:2.4G Wifi /Zigbee 3.0  
 Material: ABS flame retardant  
 Rated Power: 800W/Gang  
 Rated Current: 10A  
 Input Voltage: AC120 ~ 240V, 50/60hz  
 Standby Consumption: 0.5W/0.1mA



TS60-US



# Blade Serials

## Main Feature

- Delicate and Minimal Design
- Ambient Light
- High / Low Voltage Isolated Design



Wi-Fi	1 Gang	2 Gang
	3 Gang	4 Gang
Zigbee	1 Gang	2 Gang
	3 Gang	4 Gang

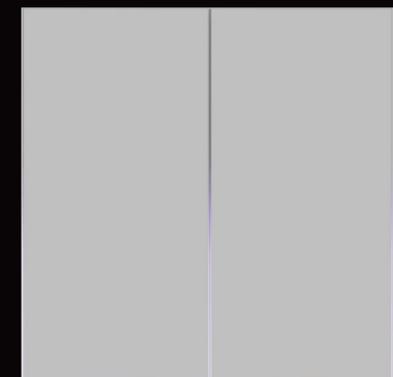
## Specification

Model No.: TS60-EU/ZTS60-EU  
 Product Size: 86\*86\*37mm  
 System: support IOS8.0/Android4.0 and above  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.

Protocol:2.4G WiFi /Zigbee 3.0  
 Material: ABS flame retardant  
 Rated Power: 800W/Gang  
 Rated Current: 10A  
 Input Voltage: AC120 ~ 240V, 50/60hz  
 Standby Consumption: 0.5W/0.1mA



TS60-EU



Scan the QR code to watch videos

# Dimple Series

Concave button and 2.5D glass frame process,mellow, transparent,perfect outlook and wonderful touch feeling .



Powered by



Intelligence  
Inside



# Smart Light Switch

## Main Feature

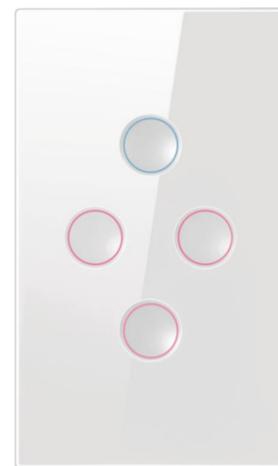
-  Concave Button
-  2.5D Glass Frame
-  Status Memory
-  Backlight on/off



Wi-Fi/Zigbee (EU/US)	1 Gang	2 Gang
	3 Gang	4Gang

## Specification

**Model No.:** TS02RD/ZTS02RD  
**Product Size:** US - 120\*72\*35mm  
 EU - 86\*86\*37mm  
**System:** support IOS8.0/Android4.0 and above  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, YandexAlice, SmartThings etc.  
**Wi-Fi Band:** 2.4GHz  
**Material:** ABS flame retardant  
**Panel Material:** Tempered glass  
**Rated Power:** 800W/Gang  
**Rated Current:** 10A  
**Input Voltage:** AC120 -240V, 50/60hz  
**Standby Consumption:** 0.5W/0.1mA



TS02RD/ZTS02RD



Scan the QR code to watch videos



# Smart Light Switch

## Main Feature

2.5D Frame

Stepless Dimming

Smooth Operation



Wi-Fi(EU/US)	1 Gang	2 Gang
Zigbee(EU/US)	1 Gang	2Gang

## Specification

**Model No.:** DMS16/ZDMS16  
**Product Size:** US - 120\*72\*35mm  
 EU - 86\*86\*37mm  
**System:** support IOS8.0/Android4.0 and above  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Wi-Fi Band:** 2.4GHz  
**Material:** ABS flame retardant  
**Panel Material:** Tempered glass  
**Rated Power:** 150W LED/CFL 400W INCFC  
**Rated Current:** 10A  
**Input Voltage:** AC120 ~240V, 50/60hz  
**Standby Consumption:** 0.45W/0.1mA  
**Operation Temperature:** -20~80°C



DMS16/ZDMS16



Scan the QR code to watch videos



## Smart Scene Knob

### Main Feature

-  Rotable Knob Design
-  Visualization HD Screen
-  Build in Rechargeable Lithium Battery
-  Multi Language Supported



### Specification

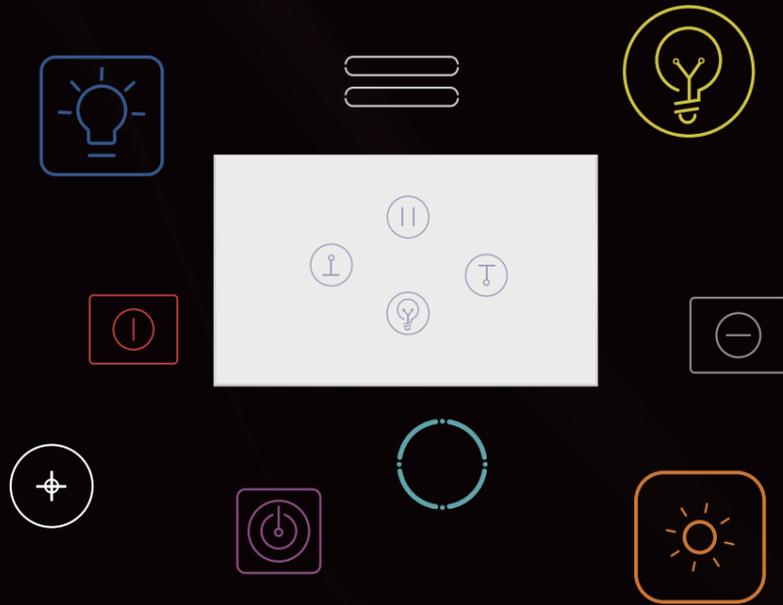
**Model No.:** ZS-XT  
**Protocol:** Zigbee 3.0  
**Power Supply:** Build in Lithium Battery  
**Screen Pixel:** 360x360  
**Control Methods:** Local Knob control, App control  
**Scene Modes:** Leave Home, Back Home, Cinema, Entertainment, Customization  
**Languages:** Chinese, English, German, French, Russian, Portuguese, Spanish, Arabic, Italian, Czech, Polish and more  
**Device Control:** Dimmer, Thermostat, Curtain and more



ZS-XT

# Button Customization

## Button Patterns



## Button Styles



# Panel Customization

## Colors

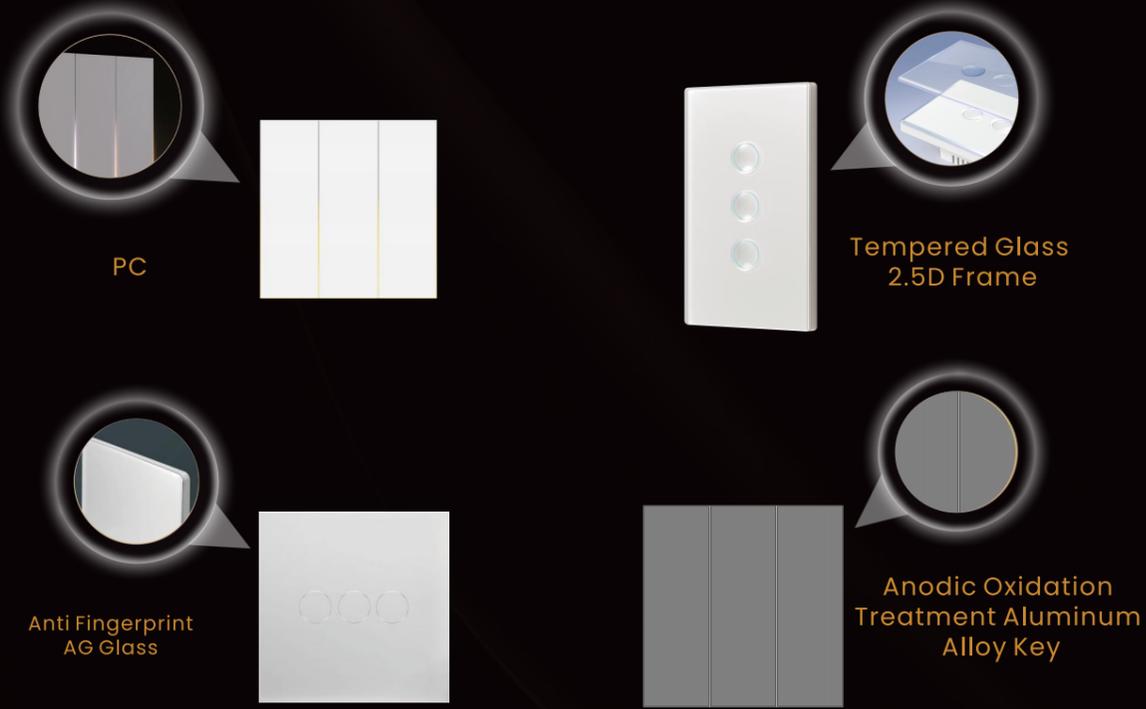


## Panel Patterns



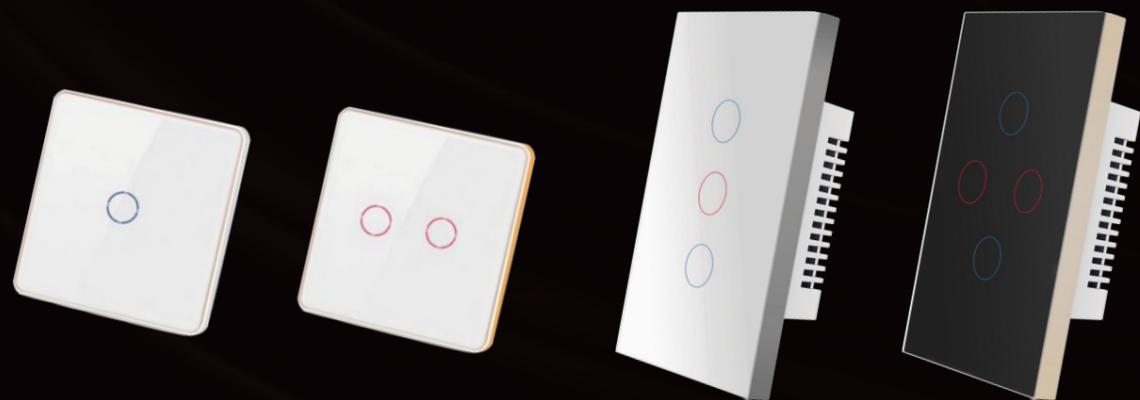
# Panel Customization

## Panel Materials



## Frame Materials & Color Customization

Materials: ABS ,Aluminum Alloy  
Shape:Rounded Corner,Sharp Corner



# Product Body Customization

## Brand Customization





## Smart Sensor

Important role for home security, fire protection, home environment and automation, create a safe, highly automated, comfortable and convenient smart house.



# Smart Humidity & Temperature Sensor

## Main Feature

- E-ink Screen
- Minimalist Design
- Desk and On Wall Installation
- Environmental Suitability Smile Indicator



## Specification

**Model No.:** ZWHS16  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Wireless Technology:** ZigBee 3.0  
**Sensor:** Thermistor  
**Screen:** E-ink Screen  
**Battery:** CR2430 (NOT included)  
**Working Voltage:** DC 3V  
**Temperature Measure Range:** -9.9°C~60.0°C  
**Humidity Measure Range:** 0% RH~99.9% RH  
**Temperature Accuracy:** ±1°C  
**Humidity Accuracy:** ±5% RH



ZWHS16



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## Smart Door / Windows Sensor

### Main Feature

-  Tamper Alarm Notice
-  Ultra Mini Size
-  Minimalist Design
-  Smart Scenes Linkage



### Specification

Model No.: ZDS16  
APP: AVATTO/ Smart life / Tuya Smart  
Wireless Technology: ZigBee 3.0  
Working Voltage: DC 3V (CR2032 battery)  
Working Temperature: -10°C to +55°C  
Low Battery Indication: Yes  
Alarm Triggering Distance: 23±5mm  
Battery Life: More than one year (20 times per day)  
Main Body: 65\*26\*12.7mm  
Magnet: 38.8\*11\*12.7mm



ZDS16



Scan the QR code to watch videos

# Smart Water Leakage Sensor

## Main Feature

- APP Remote Alarm
- Anti-Corrosion Sensor Probe
- Minimalist Design
- Smart Scenes Linkage



## Specification

**Model No.:** ZWS16  
**APP:** AVATTO/ Smart life / Tuya Smart  
**Wireless Technology:** ZigBee 3.0  
**Working Voltage:** DC 3V (CR2032 battery)  
**Detection Method:** Anti-corrosion sensor probe  
**Probe Materials:** Copper with nickel plating  
**Working Temperature:** -10°C to +55°C  
**Low Battery Indication:** Yes  
**Battery Life:** More than one year (20 times per day)  
**Dimensions:** Ø59.5mm\*17mm



ZWS16



Scan the QR code to watch videos

# Smart Smoke Sensor

## Main Feature

- 10 Years Battery Life
- Minimalist Design
- Local and APP Alarm
- 20m<sup>2</sup> Wide Range Detection



## Specification

Model No.: ZSD16  
 APP: AVATTO/ Smart life / Tuya Smart  
 Wireless Technology: ZigBee  
 Transmission Frequency: 2.4GHz  
 Power Supply: DC 3V(CR123A)  
 Detection range: 20 square meter  
 Installation method: ceiling installation  
 Alarm Sound Pressure: 85dB (3m ahead)  
 Working temperature: -10°C~ 50°C  
 Working humidity: up to 95%RH  
 Material: Fireproof PC+Fireproof ABS  
 Color: White



ZSD16



# Smart Gas Sensor

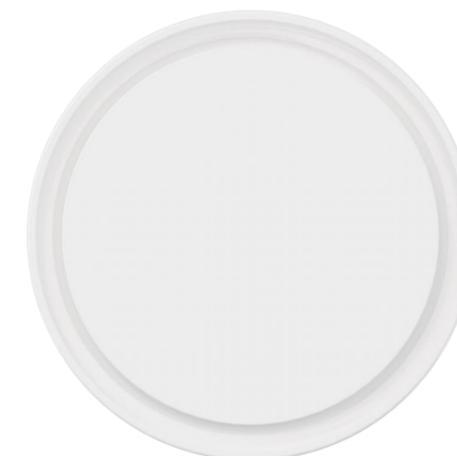
## Main Feature

- 10 Years Battery Life
- Minimalist Design
- Local and APP Alarm
- Celling&Wall Mounting Installation



## Specification

Model No.: ZGD16  
 APP: AVATTO/ Smart life / Tuya Smart  
 Wireless Technology: ZigBee  
 Working Voltage: AC220V  
 Alarm Density:LEL: 8% ±3%LEL (natural gas)  
 Working Temperature:-10°C to +55°C  
 Working Humidity: 10%~95%RH  
 Alarm Method: Audible and Visual Alarm, APP Wireless Alarm  
 Transmission Frequency: 2.4GHz  
 Standby Current: 100mA  
 Alarm Sound Pressure: 70dB(1m ahead)  
 Detected Gas: Natural Gas



ZGD16

## Smart Motion Sensor



### Main Feature

-  1Year Battery Life
-  Minimalist Design
-  Magnetic Type Base
-  90° Wide Detection Angle



### Specification

**Model No.:** ZMS16  
**APP:** AVATTO/ Smart life / Tuya Smart  
**Wireless Technology:** ZigBee  
**Working Voltage:** DC 3V (CR123A battery)  
**Transmission Frequency:** 2.4 GHz  
**Working Temperature:** -10°Cto+55°C  
**Low battery alarm:** support  
**Detection Radius:** 8m  
**Detection Angle:** 60°  
**Installation Height:** 2.2 m  
**Dimensions:** Ø50mm\*55mm



ZMS16

## Smart Human Presence Sensor

### Main Feature

-  24GHz Millimeter Wave Radar Detection
-  Large Space Motion Detection
-  Micro Motion Detection
-  Detection Indication Ambient Lamp



### Specification

**Model No.:** HE20/ZHE20  
**APP:** AVATTO/ Smart life / Tuya Smart  
**Top Detection Angle:** ± 60°  
**Side Detection Angle:** 360°  
**Working Temperature:** -10~40°C  
**Working Humidity:** 0~95%RH  
**Working Frequency Band:** 24GHz ~24.25GHz  
**Communication Protocol:** 2.4G WiFi / Zigbee 3.0  
**Detection Distance:** 0.75m~5m



HE20/ZHE20

## Smart Humidity & Temperature Sensor

### Main Feature

-  Minimalist Design
-  Smart Scenes Linkage



### Specification

Model No.: WHS10  
Wireless Technology: WiFi 2.4GHz  
Power Supply: AAA Battery\*2  
Working Voltage: DC 3V  
Temperature Measure Range: -9.9°C~60.0°C  
Humidity Measure Range: 0% RH~99.9% RH  
Temperature Accuracy: ±1°C  
Humidity Accuracy: ±5% RH  
Dimensions: 67mm x 27mm x 21mm



WHS10

# Smart Door / Windows Sensor

## Main Feature

-  Minimalist Design
-  Smart Scenes Linkage



## Specification

Model No.:WDS10  
Wireless Technology: Wifi 2.4GHz  
Power Supply: AAA Battery\*2  
Working Temperature: -10℃~55℃  
Low Battery Indication: Yes  
Alarm Triggering Distance: 23±5mm  
Battery Life: >12 Months (20 Times/Day)  
Dimensions:  
Main Body: 67mm x27mm x21mm  
Magnet: 41mm x13mm x20mm

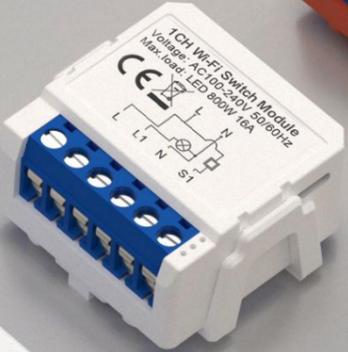
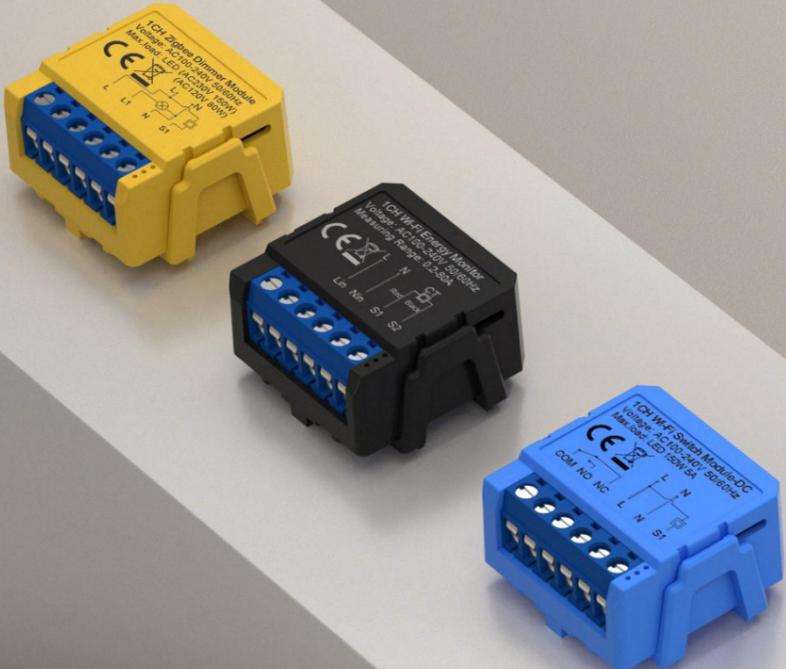


WDS10



# Smart DIY Module

Upgrading your light switch, dimmer switch, curtain switch, garage door switch etc into smart switch without replace your traditional switch and change the decoration.



# WiFi 6 Ultra Mini Smart Switch Module



### Main Feature

- Ultra Mini Size
- WiFi 6 Protocol Compatible
- Signal Repeater
- Power Monitor Function

### Specification

**Model No.:** WiFi6-W1  
**Product type:** 1Gang DIY Switch Module  
**Voltage:** AC100-240V 50/60Hz  
**Max. load:** 2000W 10A  
**Operation temp.:** -25°C + 40°C  
**Protocol:** WiFi 6/IEEE 802.11ax  
**Signal Repeater:** Yes  
**Dimension:** 33.7x29.3x16.9 mm



WiFi6-W1

# Smart Light Switch Module

## Main Feature

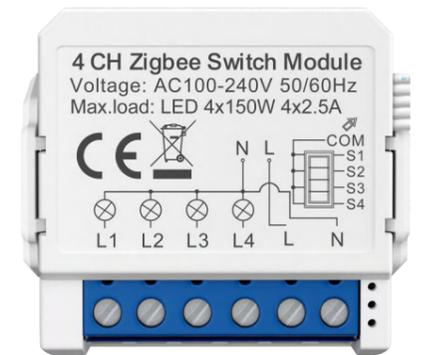
-  APP Remote Control
-  Hand Free Voice Control
-  Timer, Schedule&Count Down Function
-  2 Way Control
-  3 Switch Type for Option



WSM16

## Specification

**Model No.:** WSM16/ZWSM16  
**Product type:** 1/2/3/4 Gang Switch Module  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voltage:** AC100-240V 50/60Hz  
**Operation Frequency:** 2.412GHz-2.484GHz  
**Operation temp:** -10°C ~ 40°C  
**Protocol:** 2.4G WiFi / Zigbee 3.0  
**Operation Range:** <100m  
**Dimension :** 39\*39\*19.4 mm  
**IP Rating :** IP20  
**Max. load:** 1Gang:LED 800W 16A  
                   2Gang: LED 2X150W/2X5A  
                   3Gang:LED 3X150W/3X3.3A  
                   4Gang:LED 4X150W/4X2.5A



ZWSM16

Wi-Fi	1 Gang	2 Gang
	3 Gang	4Gang
Zigbee	1 Gang	2 Gang
	3 Gang	4Gang



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# Smart Light Switch Module

## No Neutral (Zigbee)

### Main Feature

-  No Neutral Wire Needed Light Switch Module
-  APP Remote Control
-  Hand Free Voice Control
-  Status Memory
-  Switch Type Setting Function

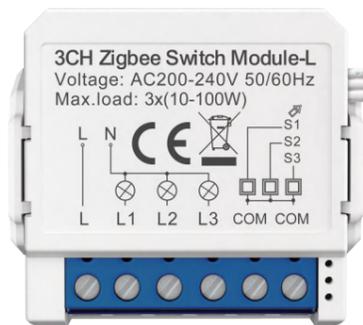
### Specification

Model No.: LZWSM16  
 Product type: 1/2/3 Gang Switch Module No Neutral  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voltage: AC200-240V 50/60Hz  
 Operation Frequency: 2.405GHz-2.480GHz IEEE802.15.4  
 Operation tem: -10°C ~ 40°C  
 Protocol: Zigbee 3.0  
 Operation Range: <100m  
 Dimension: 39\*39\*19.4 mm  
 IP Rating: IP20  
 Max. load: 1Gang: LED 10-100W  
               2Gang: LED 2x(10-100W)  
               3Gang: LED 3x(10-100W)

Zigbee	1 Gang	2 Gang
	3 Gang	



LZWSM16



Scan the QR code to watch videos

# Smart Light Switch Module

## No Neutral (Wi-Fi)

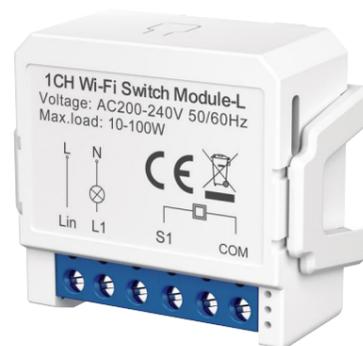
### Main Feature

-  No Neutral Wire Needed Light Switch Module
-  APP Remote Control
-  Hand Free Voice Control
-  Status Memory
-  Switch Type Setting Function

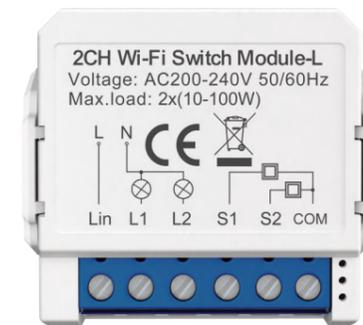
### Specification

Model No.: LWSM16  
 Product type: 1/2 Gang Switch Module No Neutral  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voltage: AC200-240V 50/60Hz  
 Operation Frequency: 2.412GHz-2.484GHz  
 Operation temp: -10°C ~ 40°C  
 Protocol: 2.4G WiFi  
 Operation Range: <100m  
 Dimension: 39\*39\*19.4 mm  
 IP Rating: IP20  
 Max. load: 1Gang: LED 10-100W  
               2Gang: LED 2x(10-100W)

Wi-Fi	1 Gang	2 Gang
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LWSM16



Scan the QR code to watch videos



## Smart Curtain Switch Module with RF433

### Main Feature

- APP Remote Control
- Hand Free Voice Control
- Timer, Schedule & Count Down Function
- Curtain Open Percentage Control & Accurate Calibration Function



CSM16-RF

Wi-Fi	1 Gang	2 Gang
-------	--------	--------

Zigbee	1 Gang	2 Gang
--------	--------	--------

### Specification

Model No.: CSM16-RF/ZCSM16-RF  
 Product type: 1/2 Gang Curtain Module+RF  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voltage: AC100-240V 50/60Hz  
 Max. load: 1Gang: 3A  
 2Gang: 2x3A

Operation Frequency: 2.405GHz-2.480GHz IEEE802.15.4  
 Operation temp.: -10°C ~ 40°C  
 Protocol: 2.4G WiFi / Zigbee 3.0  
 Operation Range: <100m  
 Dimension: 39\*39\*19.4 mm  
 IP Rating: IP20



CSM16-RF



ZCSM16-RF

# Smart Dimmer Switch Module

## Main Feature

-  Ultra Mini Size DIY Light Switch Module
-  APP Remote Control
-  Hand Free Voice Control
-  Stepless Dimming

## Specification

Model No.: DMS16/ ZDMS16  
 Product type: 1 / 2 Gang Dimmer Module  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voltage: AC100-240V 50/60Hz  
 Operation Frequency: 2.412GHz-2.484GHz  
 Operation temp: -10°C ~ 40°C  
 Protocol: 2.4G WiFi / Zigbee 3.0  
 Operation Range: <100m  
 Dimension: 39\*39\*19.4 mm  
 IP Rating: IP20  
 Max. load: 1 Gang LED (AC 230V 150W/ AC120V 80W)  
 2 Gang LED (AC 230V 2X100W/ AC120V 2X60W)

Wi-Fi	1 Gang	2 Gang
Zigbee	1 Gang	2Gang



DSM16



ZDMS16



Scan the QR code to watch videos



Brightness: 90%



# Smart Energy Monitor Module

## Main Feature

-  Real-time Monitoring Home Electricity Usage
-  Bidirectional Metering
-  Precise Monitoring
-  Electricity Usage Data Analysis

## Specification

**Model No.:** WPM16/ZWPM16  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voltage:** AC100-240V 50/60Hz  
**Power Detection Accuracy:** ±2%  
**Operation Frequency:** 2.412GHz-2.484GHz  
**Operation temp:** -10°C ~ 40°C  
**Protocol:** 2.4G WiFi / Zigbee 3.0  
**Operation Range:** <100m  
**Dimension:** 39\*39\*19.4 mm  
**IP Rating:** IP20  
**Warranty:** 1 year  
**Max. load:** 1CH : 0.2-80A  
                   2CH : 2x(0.2-80A)

Wi-Fi	1 Gang	2 Gang
Zigbee	1 Gang	2Gang



**Wi-Fi**



WPM16

**zigbee**



ZWPM16





## Smart Garage Door Switch Module

### Main Feature

-  Ultra Mini Size DIY Garage Door Opener Switch Module
-  APP Remote Control
-  Hand Free Voice Control
-  Operation Time Setting
-  Timeout Alarm



GDS16

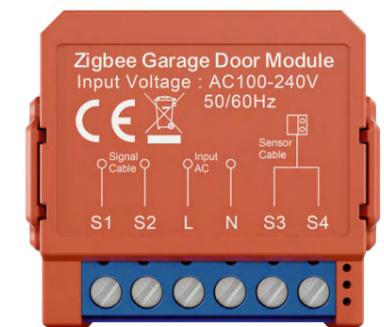
### Specification

Model No.: GDS16/ZGDS16  
 Product type: Garage Door Opener Switch Module  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voltage: AC100-240V 50/60Hz  
 Operation Frequency: 2.412GHz-2.484GHz

Operation temp: -10°C ~ 40°C  
 Protocol: 2.4G WiFi / Zigbee 3.0  
 Operation Range: <100m  
 Dimension: 39\*39\*19.4 mm  
 IP Rating : IP20



GDS16



ZGDS16

# Smart Dry Contact Switch Module

## Main Feature

-  Powerful Dry Contact DIY Switch
-  APP Remote Control
-  Hand Free Voice Control
-  AC 100-240V and DC 24-32V for Option

## Specification

**Model No.:** WSM16-DC/ZWSM16-DC  
**Product Type:** 1 Gang Dry Contact Switch module  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Voltage:** AC 100-240V 50/60Hz, DC 24-32V  
**Max. load:** LED 150W 5A  
**Protocol:** 2.4G WiFi / Zigbee 3.0  
**Operation Range:** <100m  
**Dimension:** 39\*39\*19.4 mm  
**IP Rating:** IP20



WSM16-DC



ZWSM16-DC



# Smart 4 Gang Dry Contact Switch



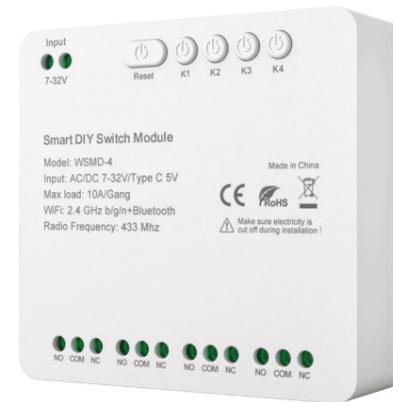
### Main Feature

- 4 Gang Available
- Multi Using Scene Compatible
- RF Remote Control
- DC/AC 7-32V and AC 85-250V for Option

### Specification

**Model No.:** WSMD-4 / ZWSMD-4  
**Product type:** 4 Gang Dry Contact Switch  
**Voltage:** AC100-240V 50/60Hz  
**Max. load:** 10A/Gang  
**Radio Frequency:** 433MHz  
**Operation temp:** -20°C ~ 70°C  
**Protocol :** 2.4G WiFi / Zigbee 3.0  
**Dimension :** 84\*79\*28.5 mm  
**IP Rating :** IP20  
**Max. load:** AC/DC 7-32V 50/60Hz Type-C 5V  
                   AC 85-250V Type-C 5V

Wi-Fi	AC/DC 7-32V	AC85-250V
Zigbee	AC/DC 7-32V	AC85-250V



WSMD-4



ZWSMD-4

# Smart Circuit Breaker



### Main Feature

- Power Consumption Monitor
- Multi-Function Timer Setting
- Short Circuit Protection
- History Log

### Specification

**Model No.:** WCB16-1P / ZCB16-1P  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voltage:** AC100-230V 50/60Hz  
**Max. load:** 63A  
**Radio Frequency:** 433MHz  
**Operation temp:** -20°C + 70°C  
**Protocol :** 2.4G WiFi / Zigbee 3.0  
**Dimension:** 18\*50\*85 mm  
**IP Rating :** IP20  
**Control Type:** Remote Control, Manual



Wi-Fi	AC 100-230V
Zigbee	AC 100-230V



WCB16-1P



ZCB16-1P



# Smart Thermostat

Smart thermostat for floor heating, fan coil, trv and heatpump system, brought energy saving, comfortable living and convenient controlling etc extra benefit to people's daily life.

Powered by



Intelligence Inside





## Smart Heating Thermostat

### Main Feature

- LED Beads Display
- Hand Free Voice Control
- APP Remote Control
- Weekly Programmable
- Screen Backlight Brightness Adjustable

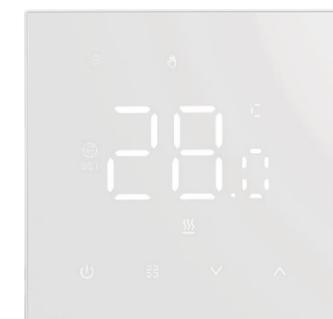


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### Specification

**Model No.:** WT410 / WT410-Matter  
**Protocol:** 2.4G Wi-Fi / Matter Over Wi-Fi  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice etc, SmartThings etc  
**Temperature Sensor:** NTC  
**Temperature Accuracy:** ±1°C  
**Display Screen:** LED  
**Working Temperature:** -5°C ~50°C  
**Self Power Consumption:** <1W

**Temperature Setting Range:** 15°C~95°C  
**Accuracy of Temperature Setting:** 0.5°C  
**Temperature Calibration Range:** -9.9°C to 9.9°C  
**Accuracy of Detection Room Temperature:** 0.1°C  
**Hysteresis Temperature Range:** 0.5°C~10°C  
**Load Current:** Electric Heater 16A/Water Heater 3A/ Gas Boiler 3A  
**Voltage:** AC 100~240V 50/60Hz  
**Size:** 86\*86\*14(Front Part)+26(Back part)mm



WT410 / WT410-Matter



## Smart Heating Thermostat

### Main Feature

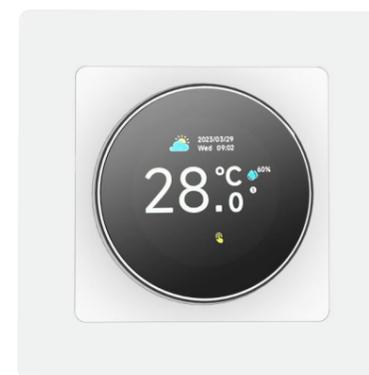
-  Germany Standard Separated Frame and Thermostat Body Design
-  Rotatable Operation Knob
-  Weekly Programmable
-  Screen Backlight Brightness Adjustable



### Specification

**Model No.:** WT20R  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Temperature Sensor:** NTC  
**Temperature Setting Accuracy:** 0.5°C  
**Temperature Display Accuracy:** 0.1°C  
**Screen Type:** LED  
**Screen Size:** Ø21mm  
**Working Temperature:** -5°C~50°C

**Self power consumption:** <1W  
**Temperature Setting Range:** 5°C~95°C  
**Temperature Display Range:** 0°C~51°C  
**Hysteresis:** 0.5°C~10°C  
**Temperature Calibration:** -9.9°C~9.9°C  
**Load Current:** Electric Heater 16A/Water Heater 3A  
**Voltage:** AC 95-220V 50/60Hz  
**Product Size:** 80\*80\*56.3mm



WT20R



## Smart Heating Thermostat

### Main Feature

-  Energy Saving Negative Display LED Screen
-  Ultra-long distance RF signal transmission
-  Battery powered
-  Manual / Programmable
-  Hand Free Voice Control
-  APP Remote Control



### Specification

**Model No.:** WT598  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Control Mode:** temperature comparison  
**Control Output:** relay output mode  
**Input Type (transmitter panel):**  
 three 1.5V battery (No. 5) /USB -DC5V  
**Supply Voltage Input:**  
 (Receiver Panel) AC100~240V-50/60Hz  
**Self-consumption Power:** (transmitter panel) <170uA

**Temperature measurement range:** 0~99°C  
**Display Accuracy:** 0.1°C  
**Setting Range:** 5~95°C  
**Default:** 5~60°C  
**Sensor Input:** NTC  
**Transmit Output:** 433 RF communication  
**Remote Control:** Mobile APP-WiFi  
**Ambient temperature:** -5~50°C  
**Display:** LED



WT598



WT598-1T1



Scan the QR code to watch videos

# Smart Thermostat Radiator Valve

## Main Feature

-  Ultra Compact Size
-  Powerful Motor
-  Auto Stroke Distance Detection
-  Programmable Weekly Schedule
-  Open Window Detection



## Specification

**Model No.:** TRV16/TRV16-WiFi  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Product Size:** Zigbee:L:77mm, Ø51.5mm  
WiFi:L:89mm, Ø54mm  
**System:** support IOS8.0/Android4.0 and above  
**Voice Control:** Amazon Alexa, Google Home,  
Yandex Alice, SmartThings etc.  
**Protocol:** Zigbee 3.0/ 2.4G WiFi  
**Material:** ABS flame retardant  
**Temperature Sensor:** NTC  
**Battery:** Zigbee: WiFi:3X1.5V AA Battery(alkaline battery)  
**Working Temperature:** -10°C~40°C  
**Ambient Temperature:** 0~50°C  
**Constant Temperature tolerance:** ±1°C  
**Temperature Calibration:** -3°C~3°C  
**Thread Size:** M30\*1.5mm



TRV16



Scan the QR code to watch videos



TRV16-WiFi



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# Smart Thermostat Radiator Valve

## Main Feature

- 2 Direction LED Display
- Open Window Detection
- Hand Free Voice Control
- Stroke Distance Detection
- Backlight Brightness Adjustable



TRV10

## Specification

Model No.: TRV10/TRV10-WiFi  
 APP: AVATTO/Smart Life/Tuya Smart  
 Power Supply: 3\*AA Alkaline Battery(LR6) AA  
 Communication Protocol: Zigbee 3.0/2.4G WiFi  
 Screen Type: LED Screen  
 Temperature Sensor: NTC  
 Protection Degree: IP20  
 Standby Current: 6uA Min  
 Working Current: 30-50mA  
 Standby Voltage: 2.4-3.0V  
 Stop Working: <2.0V  
 Low Power Alarm: <2.4V  
 Temperature Accuracy: ±0.5°C  
 Surface Temperature: 90°C  
 Max Battery Life: 6 month  
 Ambient Temperature: 0~50°C  
 Connection: M30\*1.5mm  
 Linear Travel: 6mm  
 Dimensions: 59.4\*99.3\*59.4mm



TRV10-WiFi

# Smart Thermostat Radiator Valve

## Main Feature

- APP Control
- Voice Control
- Stroke Distance Detection
- Open Window Detection



TRV06

## Specification

Model No.: TRV06  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home  
 Frequency: 2.4GHz  
 Battery: 2\*AA Alkaline Battery (LR6)  
 Battery life: Half a Year  
 Temperature range: 5°C~60°C  
 Temperature Display: 0°C~60°C  
 Constant temperature tolerance: ±1°C  
 Temperature Sensor: NTC  
 Wireless Protocol: Zigbee 3.0  
 Connection: M30\*1.5mm  
 MAX travel: 6mm  
 Working temperature: -10°C~40°C  
 Working environment: Indoor  
 Anti-Frozen: Yes  
 Programmable: Yes



# Fil Pilot Smart Thermostat

## Main Feature

- Ⓜ Energy saving up to 35%
- Ⓞ Power-monitoring Function
- ☐+ ☐ Compatible with 4-wire/6-wire
- Ⓞ(Ⓞ) ÉcoWatt signal access



## Specification

**Model No.:** WT-FP / WT-FP-5  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Power Supply:** 100-230VAC 50/60Hz  
**Wireless protocol type:** Zigbee 3.0  
**Operating Temp:** 0°C~40°C (indoor use only)  
**Storage Temp:** -20°C~70°C  
**Protection Rating:** IP20  
**Dimensions(W×D×H):** 90\*90\*26mm  
**Product certification:** CE, RoHS, Red and other certificates  
**Compatibility:** Compatible with all Class II electric radiators equipped With guide wire technology



WT-FP

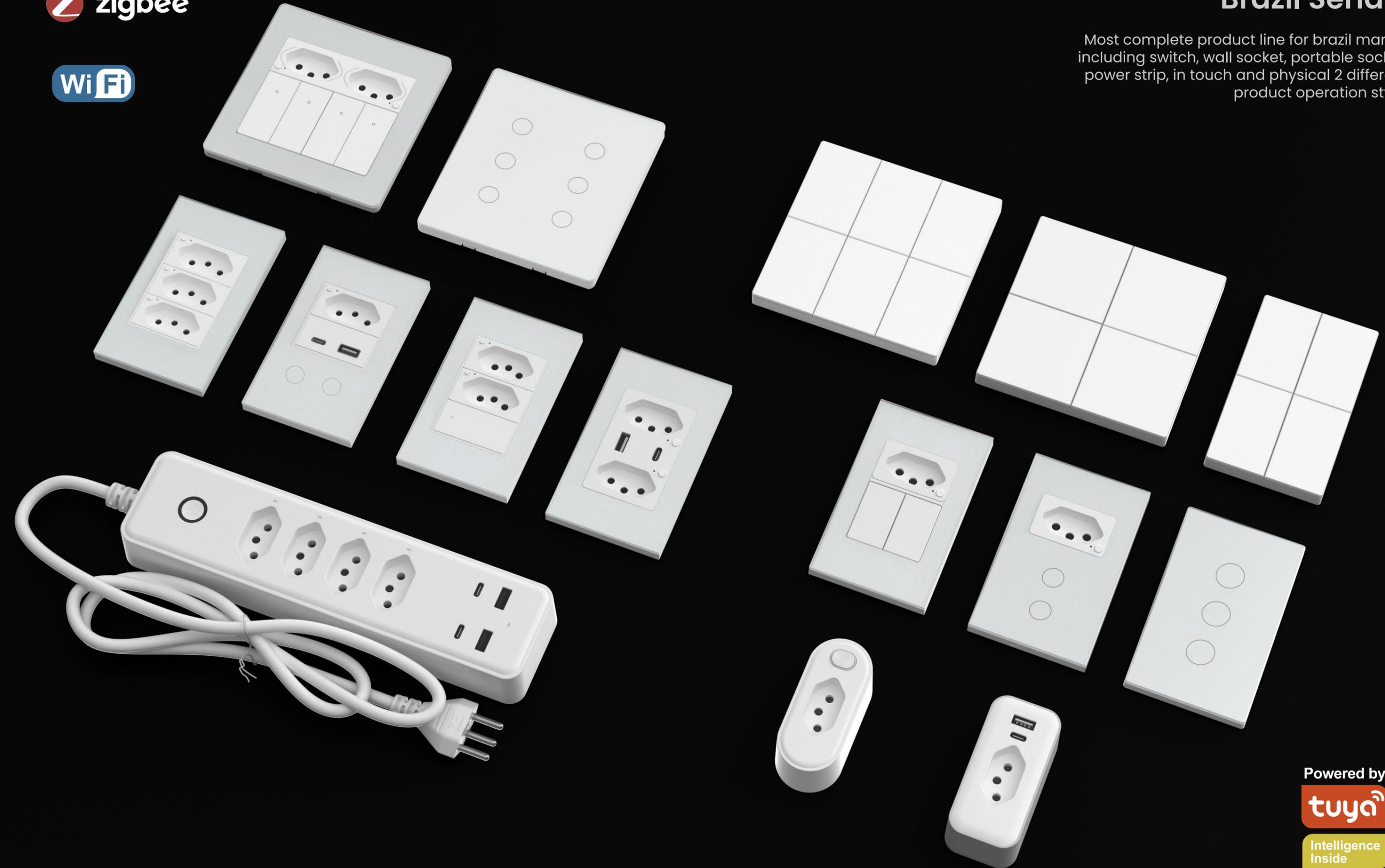


WT-FP-5



# Brazil Serials

Most complete product line for brazil market including switch, wall socket, portable socket, power strip, in touch and physical 2 different product operation style.



# 4X4 Mechanical Smart Switch

## Main Feature

- Delicate and Minimal Design
- Ambient Light
- Safety Plug for Wiring Terminal
- High/Low Voltage Isolated Design



## Specification

Model No.: TS60-BR/ZTS60-BR  
 Product Size: 120 \* 120 \* 46.7mm  
 System: support IOS8.0 / Android4.0 and above  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home,  
 Yandex Alice, Smart thing etc  
 Protocol: 2.4G WiFi /Zigbee 3.0  
 RF: 433GHz  
 Material: PC flame retardant  
 Max. Power: 800W/Gang  
 Max. Current: 10A/Gang  
 Input Voltage: AC110-240V, 50/60hz  
 Standby Consumption: 0.5W



TS60-BR / ZTS60-BR



# 4X4 Touch Smart Switch

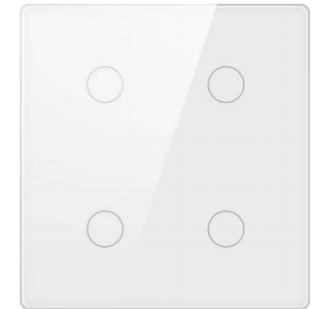
## Main Feature

- APP Remote Control
- Hand Free Voice Control
- Timer, Schedule&Count Down Function
- 4X4 Design for Living Room



## Specification

Model No.: TS16/ZTS16  
 Product Size: 118 \* 124 \* 33mm  
 System: support IOS8.0 / Android4.0 and above  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home,  
 Yandex Alice, SmartThings etc.  
 Protocol: 2.4G WiFi /Zigbee 3.0  
 RF: 433GHz  
 Material: PC flame retardant  
 Panel Material: Tempered glass  
 Max. Power: 800W/Gang  
 Max. Current: 10A/Gang  
 Input Voltage: AC110-240V, 50/60hz  
 Standby Consumption: 0.45W/0.1mA



TS16 / ZTS16

# Smart Switch & Socket

## Main Feature

-  Individual Control Socket&Light Switch
-  Socket Physical Control Button
-  Back Light On/Off
-  10A/20A Compatible Socket(WOT6P)



## Specification

Model No.: WOT16P/ZWOT16P  
 WOT18P/ZWOT18P  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home,  
 Yandex Alice, SmartThings etc.  
 Input Voltage: 100V-240V 50/60Hz  
 Max. Load: 10A 800W/Gang(light)  
 16A3500W(socket)  
 Protocol: 2.4G WiFi/ Zigbee 3.0  
 Standby Power Consumption: <0.5W  
 System Supported: IOS/Android  
 Working Life: 100 000Times  
 Materials: Tempered Glass+PC  
 Switch Size: 120\*72\*43 mm/120\*120\*44 mm



WOT16P/ZWOT16P



WOT18P/ZWOT18P



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# Smart Switch & Socket

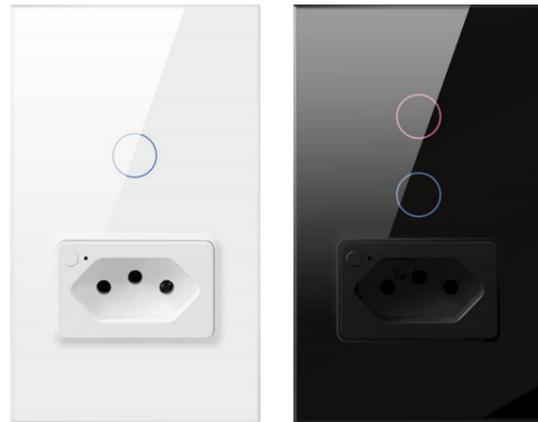
## Main Feature

- Individual Control Socket&Light Switch
- Socket Physical Control Button
- Back Light On/Off
- 10A/20A Compatible Socket(WOT16)



## Specification

Model No.: WOT16/ZWOT16  
WOT18/ZWOT18  
APP: AVATTO/Smart Life/Tuya Smart  
Voice Control: Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
Input Voltage: 100V-240V 50/60Hz  
Input wiring: Live/Neutral/Ground wire  
Max. Load: 10A 800W/Gang(light)  
16A 3500W(socket)  
Protocol: 2.4G WiFi/ Zigbee 3.0  
Standby Power Consumption: <0.5W  
System Supported: IOS/Android  
Working Life: 100 000Times  
Materials: Tempered Glass+PC  
Switch Size: 120\*72\*43 mm/120\*120\*44 mm



WOT16/ZWOT16



WOT18/ZWOT18

# Smart Wall Socket

## Main Feature

- Socket Physical Control Button
- 5V/2.4A Fast Charging
- Status Memory Function



## Specification

Model No.: WOT12/ZWOT12  
APP: AVATTO/Smart Life/Tuya Smart  
Voice Control: Amazon Alexa, Google Home  
Input Voltage: 100V-250V 50/60Hz AC  
Max. Load: 5V 2.4A (USB&Type-C)  
16A 3680W (socket)  
Grounding: Standard Grounding  
Flammability: Rated V0 per UI94  
Protocol: 2.4G WiFi/Zigbee 3.0  
Standby Power Consumption: <0.5W  
System Supported: IOS/Android  
Working Life: 100 000Times  
Materials: Tempered Glass+PC  
Switch Size: 120\*72\*43 mm  
Color: White, Black



WOT12/ZWOT12



# Smart Switch & Socket

## Main Feature

-  Modular Combination Solution
-  Individual Control Socket & USB/ Type-C Port
-  Physical Control Button for Socket
-  Status Memory Function



## Specification

**Model:**WOT166/ZWOT166  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Voice Control:**Amazon Alexa/Google Home  
**Input Voltage:**100V-250V 50/60Hz AC  
**Max. Load :**Single Socket 20A 110V/2200W ; 220V/4400W  
                   Dual Socket 10A 110V/1100W; 220V/2200W  
                   Lamp 10A 800W/Gang  
                   USB/Type-C 2.4A 5V 12W  
**Grounding:**Standard Grounding  
**Protocol:**2.4G Wifi/Zigbee 3.0  
**System Supported:**IOS/Android  
**Working Life:**100 000Times  
**Materials:**Tempered Glass+PC+ABS  
**Switch Size:**120\*72\*43 mm  
**Color:**White ,Black



WOT166/ZWOT166

# Smart Switch & Socket

## Main Feature

-  Modular Combination Solution
-  Individual Control Socket & USB/ Type-C Port
-  Physical Control Button for Socket
-  Status Memory Function



## Specification

**Model:**WOT162/ZWOT162  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Voice Control:**Amazon Alexa/Google Home  
**Input Voltage:**100V-250V 50/60Hz AC  
**Max. Load :**Single Socket 20A 110V/2200W ; 220V/4400W  
                   Dual Socket 10A 110V/1100W; 220V/2200W  
                   Lamp 10A 800W/Gang  
                   USB/Type-C 2.4A 5V 12W  
**Grounding:**Standard Grounding  
**Protocol:**2.4G Wifi/Zigbee 3.0  
**System Supported:**IOS/Android  
**Working Life:**100 000Times  
**Materials:**Tempered Glass+PC+ABS  
**Switch Size:**120\*72\*43 mm  
**Color:**White ,Black



WOT162/ZWOT162

# Smart Wall Socket

## Main Feature

-  **Modular Combination Solution**
-  **Individual Control Socket &USB/ Type-C Port**
-  **Physical Control Button for Socket**
-  **Status Memory Function**



## Specification

**Model:**WOT121/ZWOT121  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Voice Control:**Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Input Voltage:**100V-250V 50/60Hz AC  
**Max. Load :**Single Socket 20A 110V/2200W ; 220V/4400W  
 Dual Socket 10A 110V/1100W; 220V/2200W  
 Triple Socket 10A 110V/700W; 220V/1400W  
**USB/Type-C** 2.4A 5V 12W  
**Grounding:**Standard Grounding  
**Protocol:**2.4G Wifi/Zigbee 3.0  
**System Supported:**iOS/Android  
**Working Life:**100 000Times  
**Materials:**Tempered Glass+PC+ABS  
**Switch Size:**120\*72\*43 mm  
**Color:**White ,Black



WOT121/ZWOT121



## Smart Power Strip

### Main Feature

- Socket & USB/Type-C Individual Control
- Physical On/Off Button
- 5V/2.4A Fast Charging
- Status Memory Function



### Specification

**Model No.:** WPS16/ZWPS16

**APP:** AVATTO/Smart Life/Tuya Smart

**Voice Control:** Amazon Alexa, Google Home,  
Yandex Alice, SmartThings etc.

**Input Voltage:** AC100-250V 50/60Hz

**Outlet Max Load:** 10A/2400W

**USB/Type-C Max Load:** 5V 2.4A

**Dimension:** 252\*64.9\*34.8mm

**cabLe Length:** 1.5m

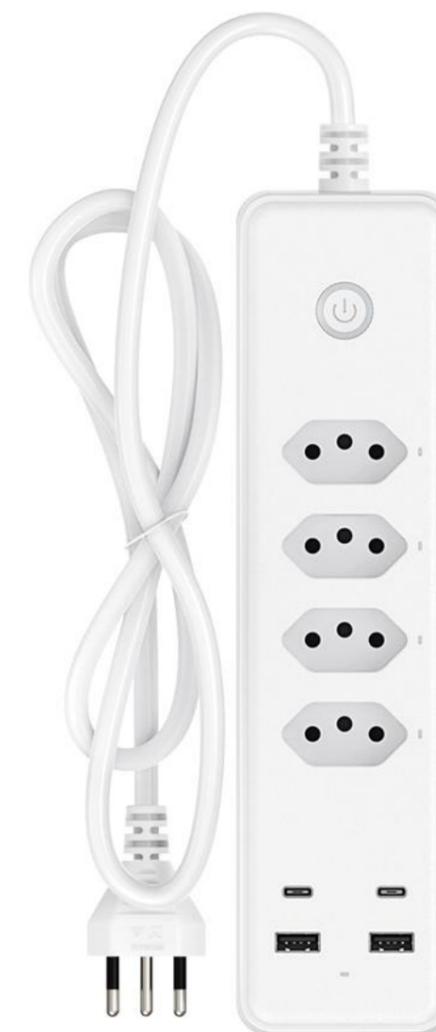
**Protocol:** 2.4G WiFi/Zigbee 3.0

**Material:** PC+ABS

**Fireproof Standard:** V0

**Working Temperature:** -20~55°C

**Working Humidity:** 0%-95% RH non-condensing



WPS16/ZWPS16



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# Smart Socket

Brazil Serials

## Main Feature

- ⚡ 16A & 20A For Option
- 👆 Socket&USB/Type-C Individual Control
- 👁️ Power Energy Monitoring
- 📄 Status Memory Function



## Specification

**Model No.:** OT16/ZOT16  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Maximum Current:** 16A/20A  
**Input Voltage:** AC100-240V  
**Max. Load Power:** 3680W  
**Outlet Max Load:** 10A/2400W  
**USB TYPE-C Output:** MAX 5V 2.4A  
**Protocol:** 2.4G WiFi/Zigbee 3.0  
**Controls:** Manual on/off  
**Operating Temperature:** -20°C~50°C  
**Operating Humidity:** (0-95)%RH, non-condensing  
**Power Monitor:** Yes



OT16/ZOT16



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# Smart Socket

Brazil Serials

## Main Feature

- ⚡ 16A & 20A For Option
- 👁️ Power Energy Monitoring
- 📄 Status Memory Function



## Specification

**Model No.:** OT12/ZOT12  
**Standard:** Brazil Smart Socket  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Input Voltage:** 100V-250V 50/60Hz AC  
**Output:** 16A 3520W  
                   20A 4400W  
**Flammability:** Rated V0 per UL94  
**Protocol:** 2.4G WiFi/Zigbee 3.0  
**System Supported:** IOS/Android  
**Working Life:** 100 000Times  
**Materials:** PC  
**Working humidity:** 0-95%RH, non-condensing  
**Working temperature:** -20°C~50°C  
**Switch Size:** 84\*64\*30mm (3.3\*2.51\*1.18 inch)  
**Color:** White



OT12/ZOT12

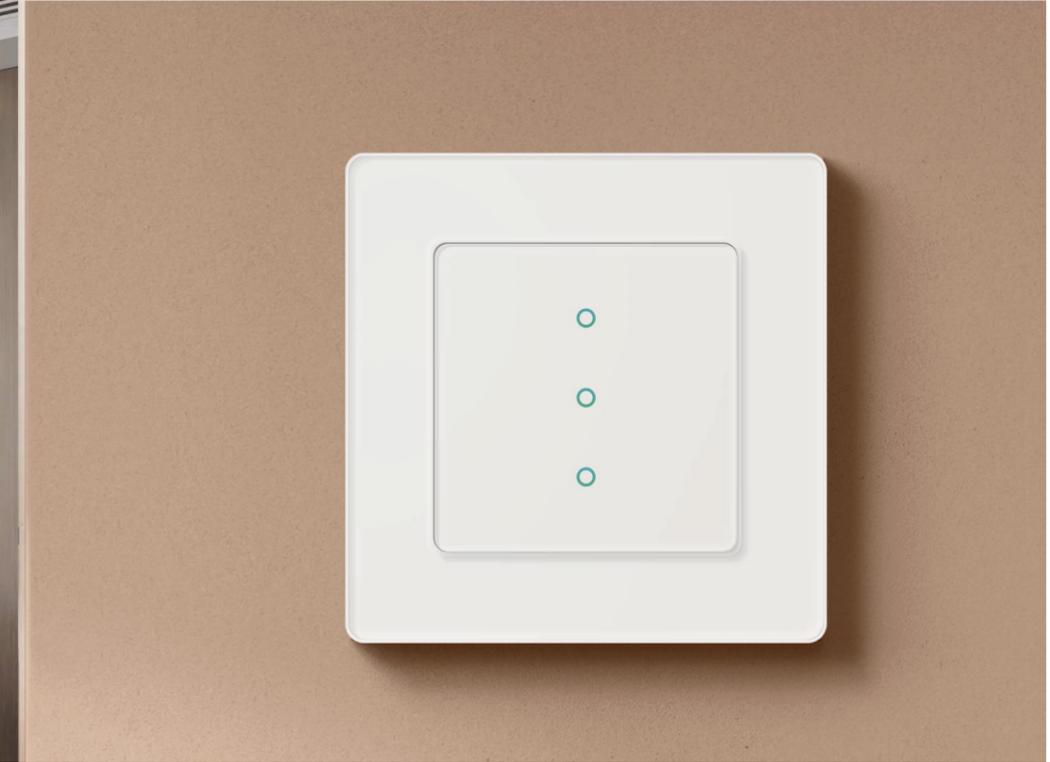
# Germany Serials

Professional, local size & installation style specially for germany makret,including light switch ,curtain switch,Wall Socket and thermostat.



Powered by  
**tuya**<sup>®</sup>  
Intelligence  
Inside





## Smart Light Switch

### Main Feature

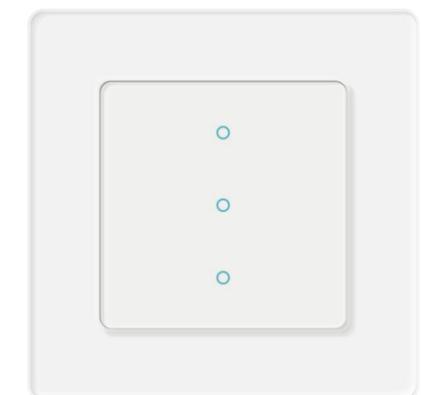
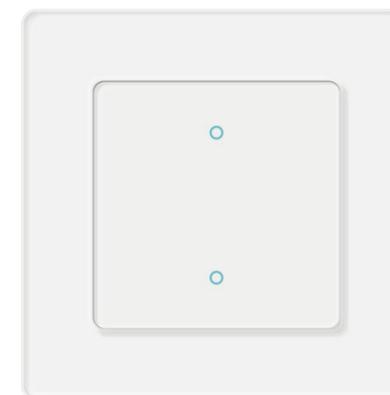
-  Germany Standard Separated Frame and Switch Body Design
-  APP Remote Control
-  Hand Free Voice Control
-  Timer, Schedule & Count Down Function
-  Backlight On/Off



### Specification

**Model No.:** TS20  
**Type:** 1/2/3gang wifi smart touch switch  
**Product Size:** Out: 80\*80mm  
                   Inside: 55\*55mm  
**System:** support IOS8.0/ Android4.0 and above  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home,  
                   Yandex Alice, SmartThings etc.

**Wi-Fi Band:** 2.4GHz  
**Material:** PC flame retardant  
**Panel Material:** Tempered glass  
**Rated Power:** 800W/Gang  
**Rated Current:** 10A  
**Voltage Input:** AC110-240V, 50/60 Hz  
**Wireless consuming:** ≤0.45W



TS20

# Smart Curtain Switch

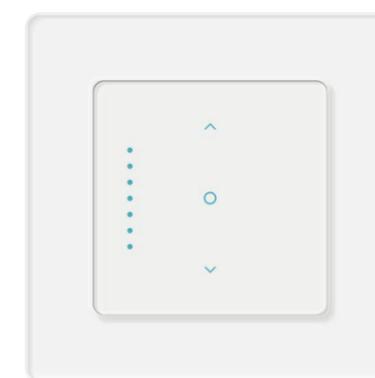
## Main Feature

-  Germany Standard Separated Frame and Switch Body Design
-  APP Remote Control
-  Hand Free Voice Control
-  Timer, Schedule & Count Down Function
-  Open/Close Percentage Indication light Bar



## Specification

**Model No.:** CS20  
**Product Size:** 80\*80 mm  
**Inside:** 55\*55mm  
**System:** Support IOS8.0/ Android4.0 and above  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Wi-Fi Band:** 2.4GHz  
**Material:** PC flame retardant  
**Panel Material:** Tempered glass  
**Rated Power:** 600W  
**Rated Current:** 10A  
**Voltage Input:** AC110-240V, 50/60Hz  
**Wireless consuming:** ≤0.45W



CS20

## Smart Wall Socket

### Main Feature

-  Germany Standard Separated Frame and Socket Body Design
-  APP Remote Control
-  Hand Free Voice Control
-  Power Monitor Function



### Specification

**Model No.:** WOT20  
**Product Size:** Out :80 x 80x(10.2+32)mm  
 Inside:50X50X(10.2+32)mm  
**System:** IOS and Android  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Protocol:** 2.4G WIFI/ Zigbee 3.0  
**Material:** Tempered Glass, ABS, PC  
**Power Monitor:** Yes  
**Rated Power:** Socket 3600W  
**USB/Type-C:** 20W  
**Rated Current:** 16A  
**Voltage Input:** AC110-240V, 50/60 Hz



WOT20



# Smart Heating Thermostat

Germany Serials

## Main Feature

- Germany Standard Separated Frame and Thermostat Body Design
- Rotatable Operation Knob
- Weekly Programmable
- Screen Backlight Brightness Adjustable



## Specification

Model No.: WT20R  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
 Temperature Sensor: NTC  
 Temperature Setting Accuracy: 0.5°C  
 Temperature Display Accuracy: 0.1°C  
 Screen Type: LED  
 Screen Size: Ø21mm  
 Working Temperature: -5°C~50°C  
 Self power consumption: <1W  
 Temperature Setting Range: 5°C~95°C  
 Temperature Display Range: 0°C~51°C  
 Hysteresis: 0.5°C~10°C  
 Temperature Calibration: -9.9°C~9.9°C  
 Load Current: Electric Heater 16A/Water Heater 3A  
 Voltage: AC 95-220V 50/60Hz  
 Product Size: 80\*80\*56.3mm



WT20R



Scan the QR code to watch videos

# Smart Heating Thermostat

Germany Serials

## Main Feature

- Germany Standard Structure Design
- Temperature Calibration
- Hysteresis Temperature
- Backlight Brightness Adjustable



## Specification

Model No.: WT200  
 APP: AVATTO/Smart Life/Tuya Smart  
 Voice Control: Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
 Temperature Sensor: NTC  
 Temperature Setting Accuracy: 0.5°C  
 Temperature Display Accuracy: 0.1°C  
 Display Screen: LED  
 Working Temperature: -5°C~50°C  
 Self power consumption: <1W  
 Temperature Setting Range: 5°C~95°C  
 Temperature Display Range: 0°C~51°C  
 Hysteresis: 0.5°C~10°C  
 Temperature Calibration: -9.9°C~9.9°C  
 Load Current: Electric Heater 16A/Water Heater 3A  
 Voltage: AC 95-220V 50/60Hz  
 Size: Frame: 80\*80mm  
 Center Part: 55\*55\*11 mm +33mm

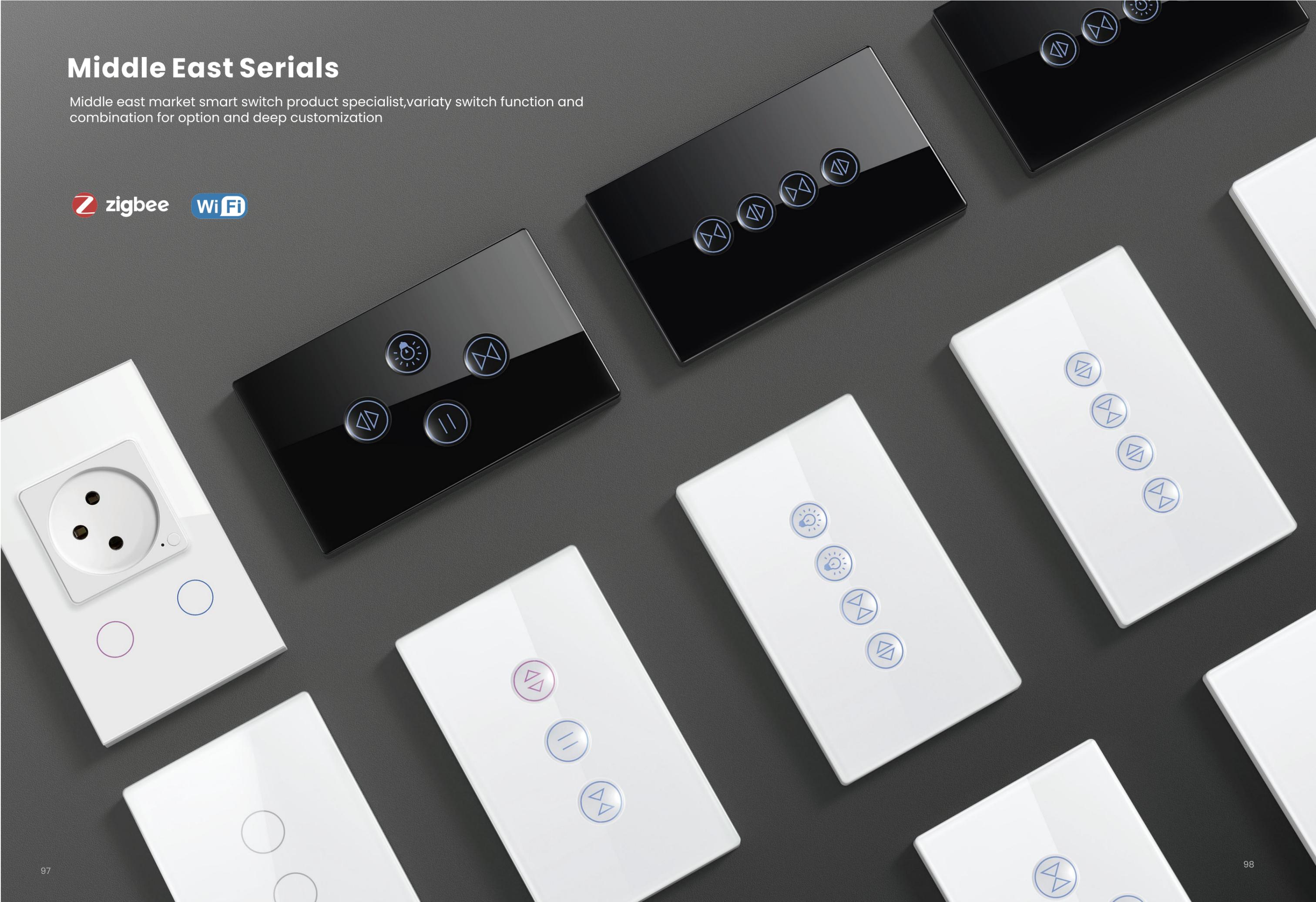


WT200



# Middle East Serials

Middle east market smart switch product specialist, variety switch function and combination for option and deep customization



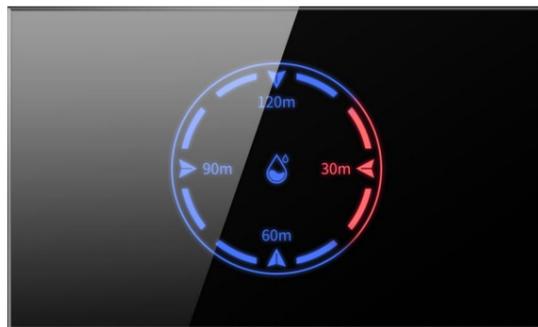
# Smart Boiler Switch

## Main Feature

- Energy Monitoring
- Physical Inching Button
- 4400W Strong Heating Efficiency
- Energy Usage Date Log
- Power Off, L and N Cut Off Solution

## Specification

**Model No.:**BS16  
**Product Size:**120 x 72 x 35mm  
**System:** support IOS8.0 / Android4.0 and above  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Wi-Fi Band:** 2.4GHz  
**Material:** Tempered Glass+PC +ABS  
**Power Monitor:**Yes  
**Rated Power:** 4400W  
**Rated Current:** 20A  
**Input Voltage:** AC 110 ~ 240V, 50 / 60hz



BS16

# Smart Curtain + Lamp Switch

## Main Feature

- Curtain and Lamp 2 in 1
- APP Control
- Voice Control
- Shutter, Shade and Bland Motor Compatible

## Specification

**Model No.:**CLS01  
**Product Size:** 120 x 72x 35mm  
**System:** IOS/Android  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Voice Control:**Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Wi-Fi Band:** 2.4GHz  
**Material:** Tempered Glass+ABS+PC  
**Rated Power:** Curtain 600W  
 Light 800W/Gang  
**Input Voltage:** AC 110 ~ 240V, 50 / 60hz



CLS01

# Smart Curtain + 2 Lamps Switch

### Main Feature

-  Curtain and 2 Lamps 2 in 1
-  APP Control
-  Voice Control
-  Shutter, Shade and Bland Motor Compatible



### Specification

**Model No.:**CLS02  
**Product Size:** 120 x 72x 35mm  
**System:** IOS/Android  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Voice Control:**Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Wi-Fi Band:** 2.4GHz  
**Material:**Tempered Glass+ABS+PC  
**Rated Power:** Curtain 600W  
 Light 800W/Gang  
**Input Voltage:** AC 110 ~ 240V, 50 / 60hz



CLS02



# Smart Curtain Switch

### Main Feature

-  Calibration Function
-  APP Control
-  Voice Control
-  Shutter, Shade and Bland Motor Compatible



### Specification

**Model No.:**CS01-US  
**Product Size:** 120 x 72x 35mm  
**System:** support IOS8.0 / Android4.0 and above  
**APP:**AVATTO/Smart Life/Tuya Smart  
**Voice Control:**Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Wi-Fi Band:** 2.4GHz  
**Material:** Tempered Glass+ABS+PC  
**Panel Material:** Tempered glass  
**Rated Power:** 2200W  
**Rated Current:** 10A  
**Input Voltage:** AC 110 ~ 240V, 50 / 60hz



CS01-US



# Smart Double Curtain Switch

## Main Feature

- Double Curtain Solution
- APP Control
- Voice Control
- Shutter, Shade and Bland Motor Compatible



## Specification

Model No.:CS01-W2/B2  
 Product Size: 120 x 72x 35mm  
 System: ISO /Android  
 APP:AVATTO/Smart Life/Tuya Smart  
 Voice Control:Amazon Alexa, Google Home,  
 Yandex Alice, SmartThings etc.  
 Wi-Fi Band: 2.4GHz  
 Material: Tempered Glass+ ABS+PC  
 Rated Power: 600W/Motor  
 Input Voltage: AC 110 ~ 240V, 50 / 60hz



CS01-W2/B2



# Smart Switch +Socket

## Main Feature

- Individual Control Socket&Light Switch
- Socket Physical Control Button
- Back light On/Off
- Status Memory Function



## Specification

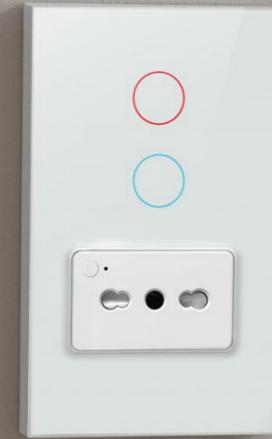
Model No.:WOT16-IL  
 APP:AVATTO/Smart Life/Tuya Smart  
 Voice Control:Amazon Alexa, Google Home,  
 Yandex Alice, SmartThings etc.  
 Input Voltage:100V~240V 50/60Hz  
 Max. Load :10A 800W/Gang(Lamp)  
 16A 3600W(Socket)  
 WiFi Standard:2.4GHz  
 System Supported:IOS/Android  
 Materials:Tempered Glass+PC +ABS  
 Switch Size:120\*72\*43 mm



WOT16-IL

# Smart Socket

Portable socket ,wall socket ,wall socket &Switch combination and power strip.  
Variaty in types and perfect smart gadget for home appliance and electronics.



## Smart Socket

### Main Feature

-  APP remote control
-  Voice control
-  Timer, Schedule&Count Down Function
-  Status Indication Ambient Lamp Ring



### Specification

**Model No.:** OT20-EU  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Input Voltage:** AC100-250V 50/60Hz  
**Max Load:** 16A/3680W  
**Power Monitor:** Yes  
**Dimension:** 40\*40\*72mm  
**WIFI Standard:** 2.4GHz 802.11 b/g/n  
**Material:** PC+ABS  
**Fireproof Standard:** V0  
**Working Temperature:** -20°C~55°C  
**Working Humidity:** 0%-95% RH non-condensing



OT20-EU

## Smart Power Strip

### Main Feature

- Socket&USB/Type-C Individual Control
- Physical On/Off Button
- 5V /2.4A Fast Charging
- Status Memory Function



### Specification

**Model:** WPS20-EU  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Input Voltage:** AC100-250V 50/60Hz  
**Outlet Max Load:** 10A/2400W  
**USB/Type-C Max Load:** 5V 2.4A  
**Dimension:** 295\*65\*40mm  
**Cable Length:** 1.5m  
**WIFI Standard:** 2.4GHz 802.11 b/g/n  
**Material:** PC+ABS  
**Fireproof Standard:** V0  
**Working Temperature:** -20°C ~ 55°C  
**Working Humidity:** 0%~95% RH non-condensing



WPS20-EU



# Smart Switch & Socket

## Main Feature

- Individual Control Socket&Light Switch
- Socket Physical Control Button
- Back Light On/Off
- Status Memory Function

## Specification

Model No.:WOT16-IT  
 APP:AVATTO/Smart Life/Tuya Smart  
 Voice Control:Amazon Alexa, Google Home,  
 Yandex Alice, SmartThings etc.  
 Input Voltage:100V-240V 50/60Hz  
 Max. Load :10A 800W/Gang(Lamp)  
 16A 3600W(Socket)  
 WiFi Standard:2.4GHz  
 System Supported:IOS/Android  
 Materials:Tempered Glass+PC +ABS  
 Switch Size:120\*72\*43 mm



WOT16-IT



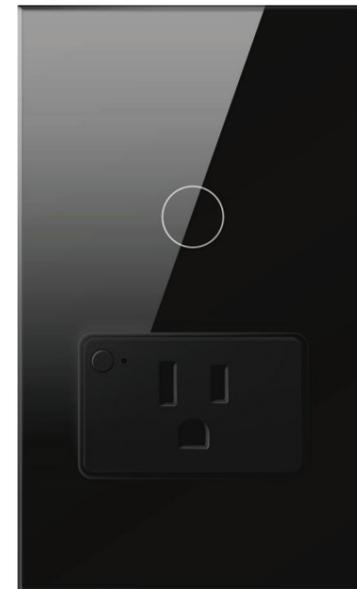
# Smart Switch & Socket

## Main Feature

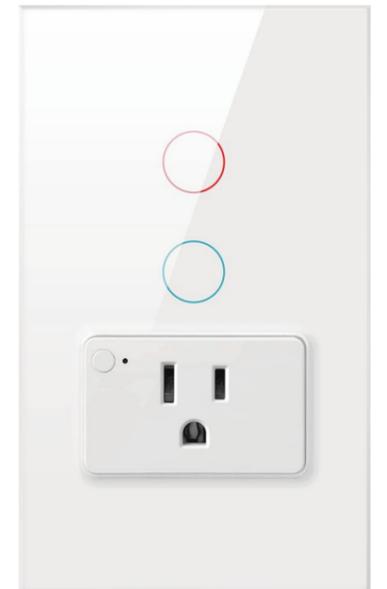
- Individual Control Socket&Light Switch
- Socket Physical Control Button
- Back Light On/Off
- Status Memory Function

## Specification

Model No.:WOT16-US  
 APP:AVATTO/Smart Life/Tuya Smart  
 Voice Control:Amazon Alexa, Google Home,  
 Yandex Alice, SmartThings etc.  
 Input Voltage:100V-240V 50/60Hz  
 Max. Load :10A 800W/Gang(Lamp)  
 16A 3600W(Socket)  
 WiFi Standard:2.4GHz  
 System Supported:IOS/Android  
 Materials:Tempered Glass+PC +ABS  
 Switch Size:120\*72\*43 mm



WOT16-US





# Gateway

Smart home device connection and data transmission center, zigbee, bluetooth, mesh, matter etc.

Build a stable, low delay and safe smart home system.



## Gateway



### Main Feature

Excellent Design

Type-C Power Port

LAN Operation



GW16



GW16-Wireless



GW16-Wired

### Specification

**Model No.:** GW16-Wireless  
**Wireless Multi Protocol Gateway:** zigbee & BLE sig mesh  
**Color:** White/Dark blue  
**Power Input:** Type-C 5V 1A  
**Working Current:** <1A  
**Working Temperature:** -10°C ~ 55°C  
**Working Humidity:** 10%-90%RH  
**Working Wireless Protoco:** 2.4G Wi-Fi 802.11 b/g/n  
**Theoretical Max Loaded Device:**  
128 standard zigbee and single point sigmesh weak current device (affected by real using environment)  
**Dimensions:** 100\*85\*23mm  
**Net Weight:** 70g



Scan QR code to view

### Specification

**Model No.:** GW16-Wired  
**Wired Zigbee Gateway:** Zigbee 3.0  
**Color:** White/Dark blue  
**Power Input:** Type-C 5V 1A  
**Working Current:** <1A  
**Working Temperature:** -10°C ~ 55°C  
**Working Humidity:** 10%-90%RH  
**Protoco:** Zigbee 3.0  
**Theoretical Max Loaded Device:**  
128 standard zigbee device (affected by real using environment)  
**Dimensions:** 100\*85\*23mm  
**Net Weight:** 79g



Scan QR code to view

## Wired Gateway with Antenna

### Main Feature

-  Less Signal Delay
-  Enhanced Effective Distance
-  Stable Smart Home System



### Specification

Model:GW60T-Wired-S  
Wired Gateway:Zigbee 3.0  
Color: Silver  
Power Input:Type-C 5V 1A  
Working Current:<1A  
Working Temperature:-10 C -55 C  
Working Humidity:10%-90%RH  
Theoretical Max Loaded Device :128 Standard Zigbee ( affected by real using environment)  
Communication Distance:400m(Without obstruction)  
Dimensions:88X88X20mm  
Net Weight:79g



GW60T

# Matter Serials

Corss Ecosystem Connection and Wonderful Smart Home Experience Better than Ever



# Wired Matter Gateway

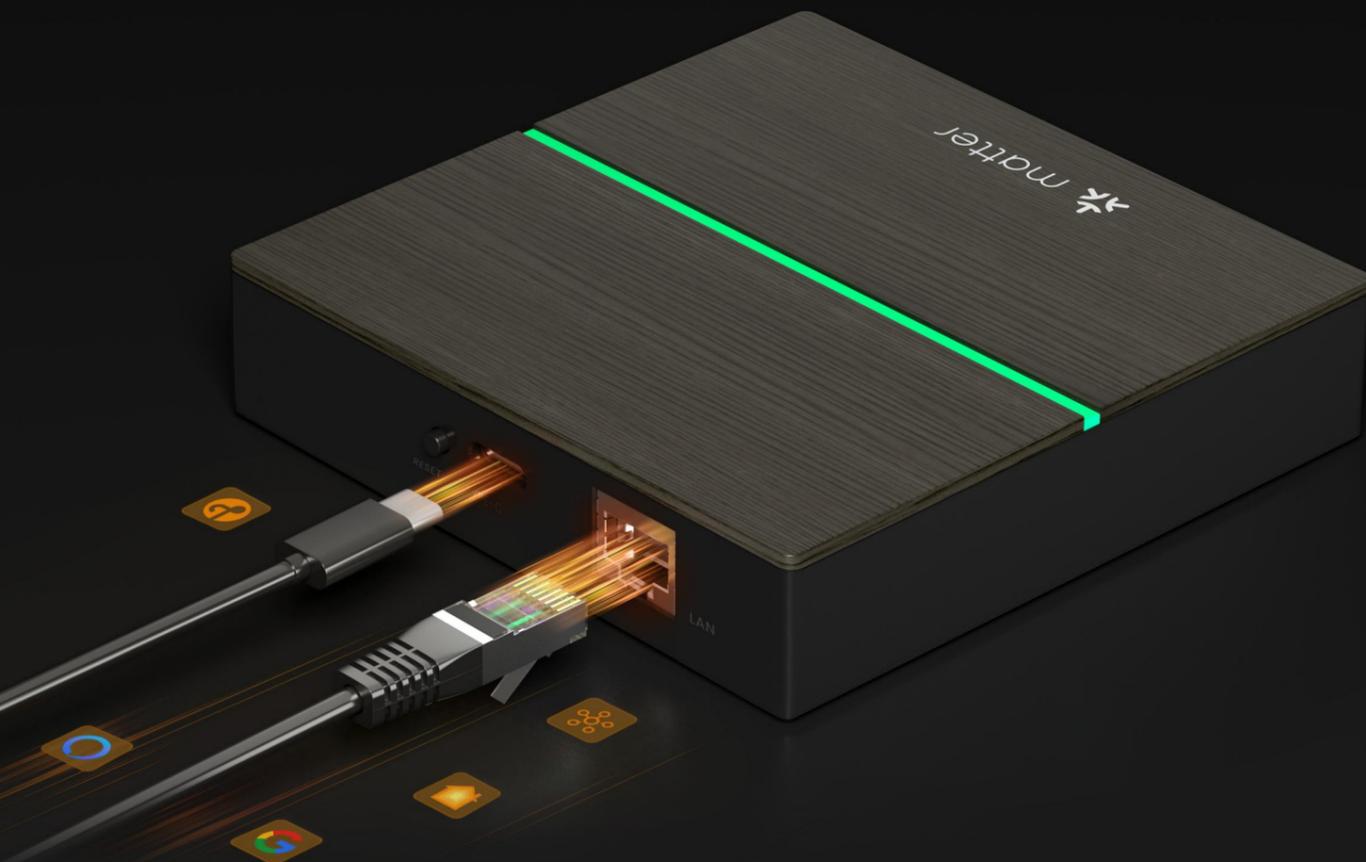
## Main Feature

-  Supports Third-party Platforms: such as Apple, Google, Amazon, etc.
-  Rich Sub-Device Ecosystem
-  Support Tuya Zigbee Devices and Third-party Matter over Thread Devices
-  Large-scale Network Broadcasting and Stable Operation
-  LAN control



## Specification

Model No.: GW60-Matter  
 APP: AVATTO/Smart Life/Tuya Smart  
 Product Type: Wired Matter Gateway  
 Network Port: RJ45  
 Color: Grey / Wood Grain  
 Power Input: 5V 1A  
 Operating Voltage: 2.0 V-3.8 V  
 Working Temperature: -10°C ~ 55°C  
 Working Humidity: 10%-90%RH  
 Wireless Technology: Zigbee, Thread  
 Dimensions: 87\*87\*20mm



GW60-Matter



## Smart Heating Thermostat

### Main Feature

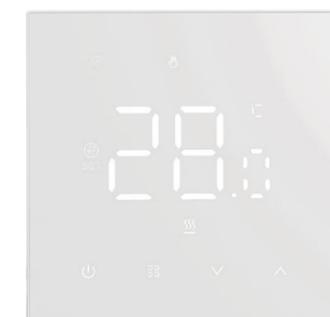
- LED Beads Display
- Hand Free Voice Control
- APP Remote Control
- Weekly Programmable
- Screen Backlight Brightness Adjustable



### Specification

**Model No.:** WT410-Matter  
**APP:** Smart Life/Tuya Smart  
**Voice Control:** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.  
**Protocol:** Matter Over Wifi  
**Temperature Sensor:** NTC  
**Temperature Accuracy:**  $\pm 1^{\circ}\text{C}$   
**Display Screen:** LED  
**Working Temperature:**  $-5^{\circ}\text{C}$ - $50^{\circ}\text{C}$   
**Self power consumption:**  $< 1\text{W}$

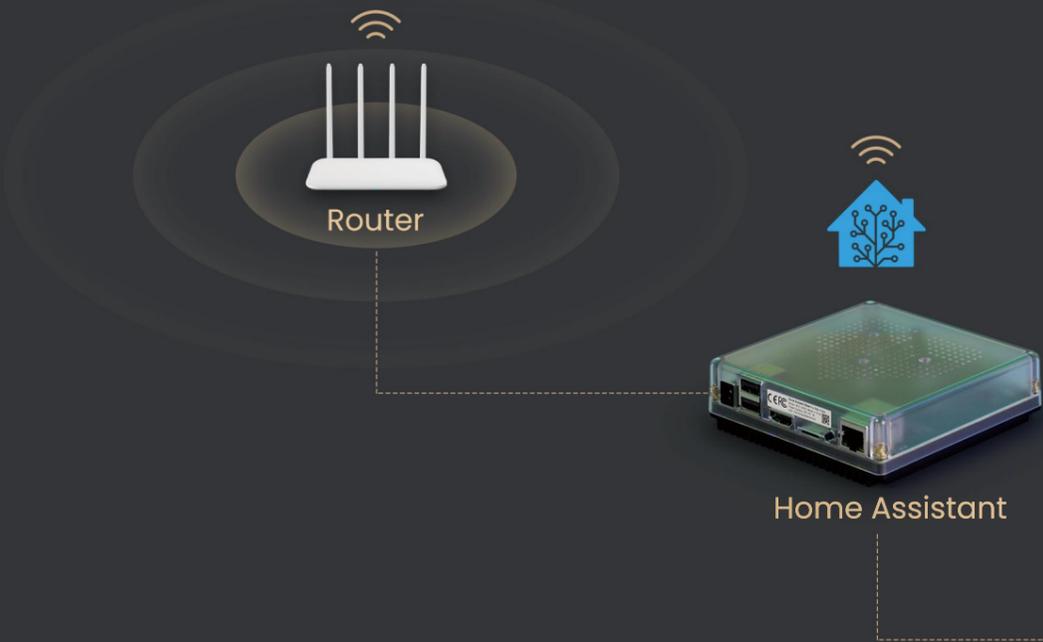
**Temperature Setting Range:**  $15^{\circ}\text{C}$ - $95^{\circ}\text{C}$   
**Accuracy of Temperature Setting:**  $0.5^{\circ}\text{C}$   
**Temperature Calibration Range:**  $-9.9^{\circ}\text{C}$  to  $9.9^{\circ}\text{C}$   
**Accuracy of Detection Room Temperature:**  $0.1^{\circ}\text{C}$   
**Hysteresis Temperature Range:**  $0.5^{\circ}\text{C}$ - $10^{\circ}\text{C}$   
**Load Current:** Electric Heater 16A/Water Heater 3A /Gas Boiler 3A  
**Voltage:** AC 100-240V 50/60Hz  
**Size:** 86\*86\*14 (Front Part) +26 (Back part)mm



WT410-Matter

# Home Assistant

Cross Ecosystem, Convenient, Local and Security Smart Home System



tuya	HomeKit	SmartThings
amazon alexa	Google Assistant	Philips Hue
Mijia	Sonoff	eWeLink
Aqara	LifeSmart	...



Web Control

APP Control

# Smart Remote Control

Combine remote control of home appliance into one smart remote contro, save space, simplify daily life and intelligentize traditional home appliance like tv, air conditioner, DVD, set top box etc.



## Smart IR Remote Control

RF IR WiFi

### Main Feature

- Wi-Fi IR+RF 2 in 1 Universal Remote Control (S16 Pro)
- APP Remote Control
- Hand Free Voice Control
- Multi Device & Brand Compatible
- 360° All Direction Strong & Stable Signal



S16 Pro



S16 Pro



S16

### Specification

Model No.: S16 Pro  
Product size:  $\Phi 65 \times 21$ mm  
Power input: DC 5V/1A (Micro USB2.0)  
Infrared Frequency: 38KHz  
Infrared Range:  $\leq 10$  Meters  
RF Frequency: RF433 / RF 315  
Wi-Fi Protocol: 2.4GHz  
Wi-Fi Standard: IEEE 802.11 b/g/n  
Operating Temperature Range: 0°C ~ 60°C  
Working Humidity: 0-95%RH

### Specification

Model No.: S16  
Product size:  $\Phi 65 \times 21$ mm  
Power input: DC 5V/1A (Micro USB2.0)  
Infrared Frequency: 38KHz  
Infrared Range:  $\leq 10$  Meters  
Wi-Fi Protocol: 2.4GHz  
Wi-Fi Standard: IEEE 802.11 b/g/n  
Operating Temperature Range: 0°C ~ 60°C  
Working Humidity: 0-95%RH

## Smart Remote Control with Humidity & Temperature Sensor

### Main Feature

- Smart IR Remote Control + Temperature & Humidity Sensor 2 in 1
- Screen Brightness Adjustable
- Temperature & Humidity Calibration Function
- °C & °F for Option
- APP Remote Monitoring
- Voice Control



WHS20S



### Specification

**Model No.:** WHS20S  
**Input:** DC 5V 1A  
**WIFI frequency:** 2.4GHz IEEE 802.11 b/g/n  
**Temperature Measure Range:** 0°C~ 60°C  
**Humidity Measure Range:** 0% RH~ 99%RH  
**Temperature Measure Accuracy:** ± 1°C  
**Humidity Measure Accuracy:** ±5%RH  
**Infrared Frequency:** 38KHz  
**Infrared Range:** ≤10 Meters  
**Dimensions:** 80\*86\*105 mm  
**Net Weight:** 130g  
**APP:** AVATTO/Smart Life/Tuya Smart  
**Voice Control :** Amazon Alexa, Google Home, Yandex Alice, SmartThings etc.



Scan the QR code to watch videos

# Smart Garden

Ultra-high freedom to customize irrigation experience, extra-large LCD screen, long-lasting battery life, and one-click setting of rain delay.



## Smart Water Valve Timer

### Main Feature

- Large Digital Display
- IP65: Water Proof / Dust Proof
- Rain Delay
- Manual / Programmable
- Ultra Low Power Consumption

### Specification

Model No.: SWT60  
 APP: AVATTO/Smart Life/Tuya Smart  
 Working Water Pressure: 0.03 MPa-0.9 MPa(4.35 psi- 130.53 psi)  
 Max Flow Rate: 35L/ min  
 Working Temperature: 1°C ~ 60°C  
 Waterproof Level: IP65  
 Dimension: 92.4\*175\*50 mm  
 Water Inlet: For 3/4" taps  
 Water Outlet: For 3/4" standard garden hose  
 Power By: 4 AA (1.5V) alkaline batteries (Not Included)



SWT60



## Smart Control Panel

Integrate controlling of different smart home device in different protocol into one panel.



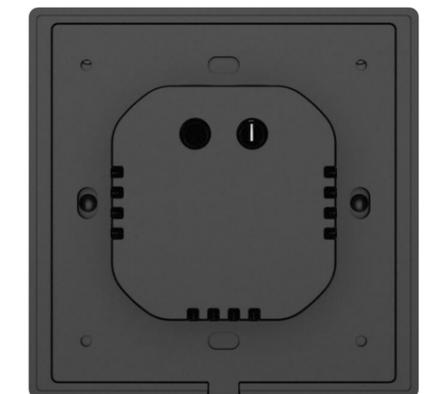
## Smart Control Panel S

### Main Feature

-  4 inch HD LCD Multi-touch Screen
-  Build in Zigbee Gateway
-  Intercom
-  Alexa Build in
-  APP Control
-  Door Bell/Lock/Camera Answering



T6E



### Specification

**Model No.:** T6E  
**CPU:** RK3308B-S  
**OS:** Linux  
**Flash:** 256MB  
**DDR:** 256MB  
**Screen:** 4 inch 480\*480 Multi-touch capacitive screen  
**Wi-Fi:** RTL8723DS Uplink 2.4GHz  
**Zigbee:** TYZS13 Downlink Zigbee  
**Zigbee Hub:** Yes, 80+ zigbee device can be added

**Input:** 100 ~ 240 VAC (±10%),  
 50/60Hz +-3Hz Live & Neural Wire  
**Wireless Protocols:** Wi-Fi, Zigbee, Sigmesh  
**Working Temperature:** 0°C ~ 40°C  
**Working Humidity:** 5% - 90%RH (Non-condensing)  
**Dimensions:** 86\*86\*36.3mm  
**Voice Control:** Alexa build in  
**Mic Quantity:** 2  
**Speaker Quantity:** 1 (1W)  
**Antenna:** 2 Built-in shell

## Smart Knob Panel R

### Main Feature

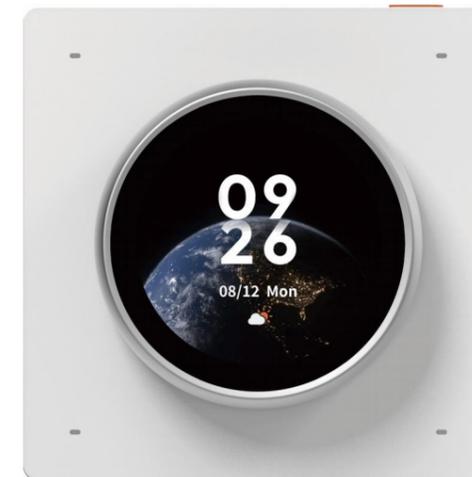
-  Rotate, Press, Touch Multidimensional Interaction
-  Various Tuya Ecosystem Devices Supported
-  Custom Wallpaper and Theme
-  DND Mode



  Bluetooth

### Specification

Model:T6ER  
Input:100-240V ,50/60Hz  
Maximum Load:Single 200W Max,Total 600W Max  
Screen Size:1.6 Inch  
Screen Resolution:400X400  
Wireless Protocol:WiFi,BLE



T6ER

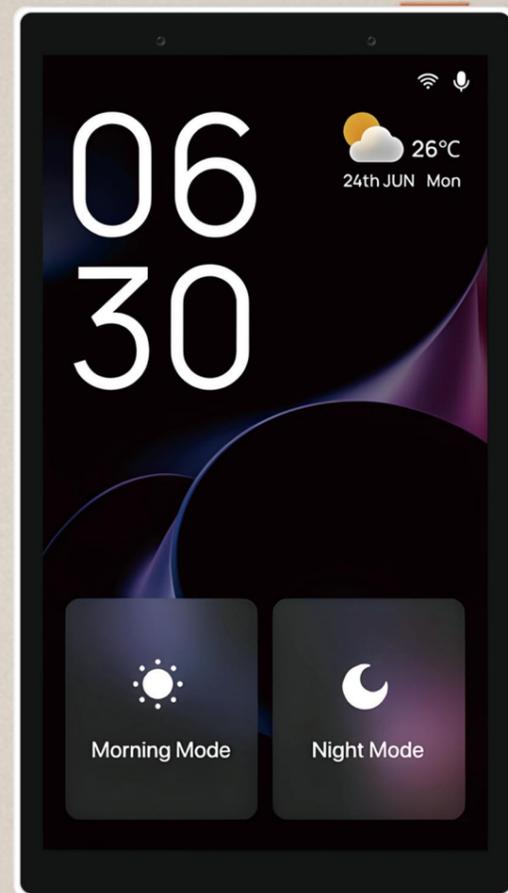
## Smart Control Panel L

### Main Feature

-  5 inch HD LCD Multi-touch Screen
-  Build in Zigbee /BLE Mesh Gateway
-  Intercom
-  Alexa Build in
-  APP Control
-  2 Gang Light Switch
-  RJ45 Ethernet+Wireless Wifi Connection
-  RS485 Modbus



P6E Pro



### Specification

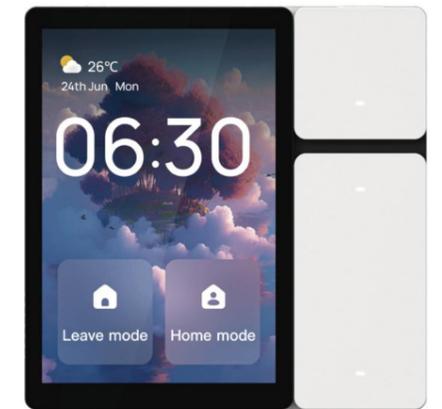
**Model No.:** P6E Pro  
**CPU:** RK3308B-S  
**OS:** Based on Linux kernel, self-developed OS  
**Flash:** 256MB  
**DDR:** 256MB  
**Screen:** 5 inch 480\* 854 Multi-touch capacitive screen  
**Wi-Fi:** RTL8733BS Uplink 2.4GHz, 5GHz  
**Zigbee:** ZS13S Downlink Zigbee  
**Zigbee Hub:** Yes,80+ zigbee device can be added  
**Input:** 100 ~ 240 VAC (±10%), 50/60Hz +-3Hz Live & Neural Wire

**Wireless Protocols:** Wi-Fi, Zigbee, Sigmesh  
**Wired Network:** 100M RJ45  
**Modbus:** RS485 interface  
**Working Temperature:** 0°C ~ 40°C  
**Working Humidity:** 5% - 90%RH (Non-condensing)  
**Dimensions:** 72\*127.3\*36.5mm  
**Voice Control:** Alexa build in  
**Mic Quantity:** 2  
**Speaker Quantity:** 1 (1W)  
**Antenna:** 3 Built-in shell  
**Relay:** 2

# Smart Control Panel

## Main Feature

-  Quick Control
-  View Camera & Unlock on Screen
-  Intercom
-  2 Gang Light Switch
-  Bluetooth Gateway
-  Infrared Remote Control



T6EP



## Specification

**Model No.:** T6EP  
**Screen:** 3.5 inch 320\*480 Multi-touch capacitive screen  
**Wi-Fi:** RTL8733BS Uplink 2.4GHz, 5GHz  
**Gateway:** Bluetooth  
**Input:** 100 ~ 240 VAC (±10%), 50/60Hz + -3Hz Live & Neutral Wire  
**Wireless Protocols:** Wi-Fi, Sigmesh, IR  
**Wired Network:** 100M RJ45  
**Modbus:** RS485 interface

**Working Temperature:** 0°C~ 40°C  
**Working Humidity:** 5% - 90%RH (Non-condensing)  
**Dimensions:** 86\*86\*35.5mm  
**Voice Control:** Works with Alexa/  
 Works with Google Assistant  
**Mic Quantity:** 2  
**Speaker Quantity:** 1 (1W)  
**Relay:** 2

# Control Panel MAX

## Main Feature

-  10.1 Inch HD LCD Multi-touch Screen
-  Build in Zigbee /BLE Mesh Gateway
-  Intercom
-  APP Control
-  4 Custom Physical Buttons



T10E



## Specification

**Model No.:** T10E  
**CPU:** RK3566  
**OS:** Android 11  
**RAM:** 2GB  
**ROM:** 8GB  
**Screen:** 10.1 inch 1920\* 1200 FHD touch screen  
**Bluetooth:** BLE4.2 Single point  
**Wi-Fi:** RTL8723 Upstream 2.4GHz  
**Zigbee:** ZS13S Downlink Zigbee  
**Bluetooth:** ZS13S Downlink BLE/BLE-mesh  
**Zigbee Hub:** Yes,128+ zigbee device can be added  
**Input:** 100 ~ 240 VAC(±10%),  
 50/60Hz +-3Hz Live & Neural Wire

**Weak Current Input:** 12V 1A type-C  
**Wireless Protocols:** Wi-Fi, Zigbee,Bluetooth  
**Wired Network:** 100M RJ45 (EU not included)  
**Modbus:** RS485 interface (EU not included)  
**Working Temperature:** 0°C ~ 40°C  
**Working Humidity:** 5% - 90%RH(Non-condensing)  
**Product Dimensions:** 259×161×37mm(including base)  
**Camera:** 5MP Build In  
**Mic Quantity:** 2  
**Speaker Quantity:** 2(1.8W)  
**Antenna :** 3 Built-in shell  
**Circuit Breaker :** 100-240V 50/60HZ 10A(two relays)





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## **Become Our Distributors!**

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Web



AVATTO APP