onvei

Smart
Home
Product
Brochure

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Contents

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Onvei, a leading IoT company, focuses on the global smart home market. We offer a complete range of smart devices and have chosen the Tuya ecosystem, enabling seamless integration and operation with products worldwide. Our goal is to make the smart home experience easy and enjoyable for everyone.

amazon alexa

works with Hey Google

SmartThings
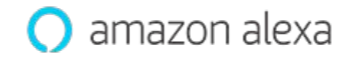
30+
Countries/Regions

1M+
End Users

15+
Types of Sensors

Powered by
tuya
Intelligence Inside

Zigbee Protocol

A wireless communication protocol with stability similar to a wired network.

Zigbee is an IoT communication protocol to achieve communication interconnection and automation for IoT devices. Zigbee adopts wireless connection technologies comparable to wired connection technologies.
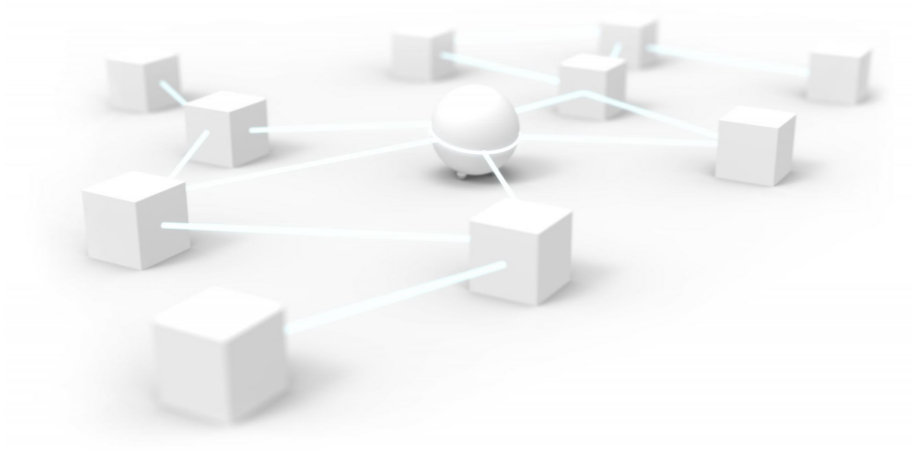
100m — **Range: 10-20 meters indoors, 5-100 outdoors**

Low-power usage / long battery life

Secure 128-bit AES encryption

Works on the 2.4GHz frequency

Uses mesh networking

|	zigbee	Z-WAVE	Bluetooth	Wi Fi
Transmission Distance	30-100meters	40-100meters	20-100meters	40meters
Wall Penetration	Low (2.4Ghz)	High (868-922Mhz)	Low (2.4Ghz)	Low (2.4Ghz)
Power Consumption	Low	Low	Low	High
Stability	High	Low	Low	Low
Capacity	High	High	High	Low
Bandwidth	High (256kbps)	Low (9.6kbps/40kbps)	High (1mbps)	Extremely High (>54mbps)
Radiation	Low	Low	Low	High
Standardization	Standard	Standard	Standard	Standard
Cost	Medium-High	High	Medium-High	Medium-High
Configuration	Easy	Easy	Easy	Difficult

We Are The Brand Supporting the Most Wireless Communication Protocols on the Market In the field of IoT, we firmly believe that the future belongs to wireless communication protocols. We always take customers' value as our top priority and select the wireless communication protocols that are most suitable for users' cases. We provide products supporting the most protocols on the market, including Wi-Fi, Zigbee. Because we believe that every home should easily transform into a smart home, and homeowners should be able to manage the system without the need for technical knowledge or dependence on a technical technician

Z-WAVE PLUS   zigbee   Wi Fi   Bluetooth
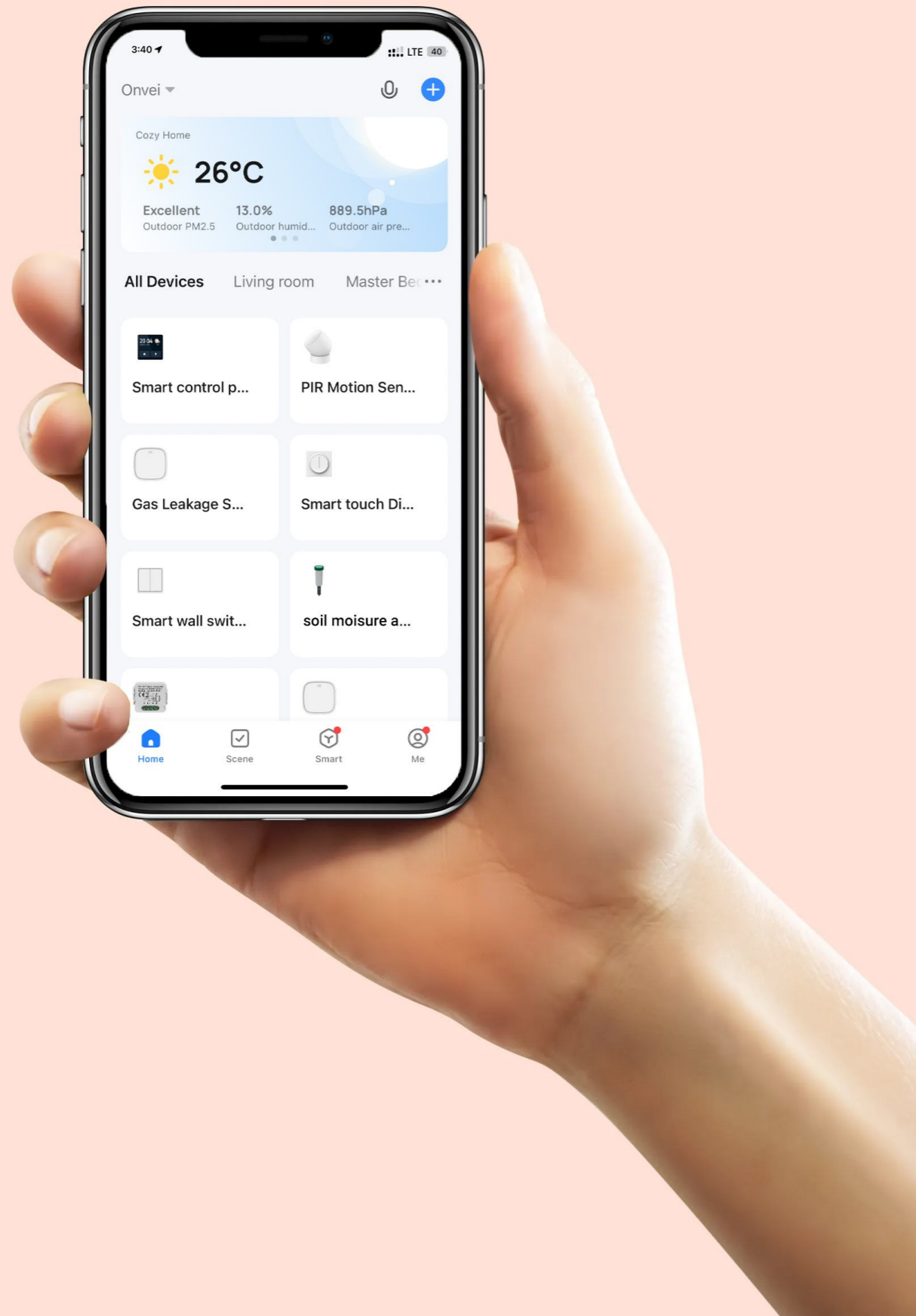
Smart Life App

Smart Life app supports all kinds of Onvei devices and other third-party Tuya devices. It allows you to monitor and interact with your home from anywhere and at any time via mobile, elevating the comfort and efficiency 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

Tuya Cloud

Smart Life app

Wi-Fi Router

Zigbee Gateway

Wi-Fi Devices

Bluetooth Gateway

Zigbee Devices

Bluetooth Devices

onvei

Top Light
On / Online

The Curtain
Offline / State : 50%

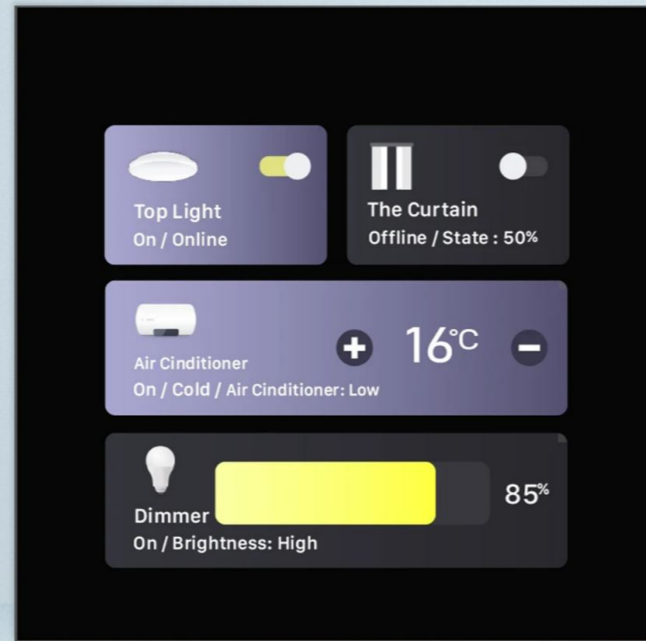## Air Cinditioner
On / Cold / Air Cinditioner: Low

$16^{°C}$

Dimmer
On / Brightness: High

85%

Thursday

May 4, 2023

11:23

Due to the impending cold and rainy weather, we're increasing the indoor temperature and keeping the curtains closed to create a warmer and more comfortable atmosphere at home.

ARCHIVE
Archive - Again
You All Look the Same to Me

Home

Device

Scene

Group

App Centure

Switch
ON

Switch
Off

RGB

ON

Irrigation Valve
Open

Top Light
On

The Curtain

State 95%

Door Lock
Closed

air conditioner
ON/Cold/Low

Environment Sensor

17°C
Cold

95%

95%

INTERACTION CENTER

onvei

Multi-Function Gateway

The heart of zigbee smart home

Local automation

LED Light

Multi-protocol wireless transmission

Zigbee 3.0 support, up to 64 devices

Supports a wide range of device types

Built-in speaker

App control   Communicates with other devices

General	
Model:	T3 Pro
Platform:	Tuya
Installation:	Desktop placed
Operating Temperature:	-5~45°c Operating Humidity: 5~90%
Power Supply:	DC12V, with power adapter
Button:	Yes, switchable night light and alert status
Connected Devices:	64
Network:	Wi-Fi 2.4GHz
Indicator light:	Yes, support night light function, the brightness and lighting time can be adjusted in the app
Alarm Duration:	Set in the app, adjustable from 1 to 60 minutes
Buzzer level:	Yes, adjustable in the app (high, medium, low, mute)
Speaker	Yes, support with doorbell function, English voice prompt

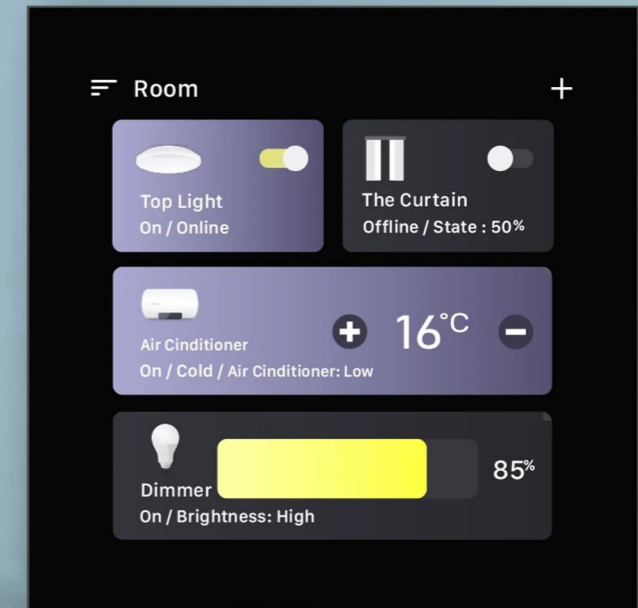| Construction	
Color:	White
Dimensions:	70*70*32.5mm
Casing:	ABS+PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Smart Control Panel 4"

Your entire home in one device

480P 480*480 high definition 4inch display

Light control circuit with 2 loops

Powerful 2x15W@4-8 ohms audio output

Built-in zigbee 3.0 Hub

App control   Communicates with other devices

General

Model Number:	NS226
Platform:	Tuya
Installation:	In-wall concealed with 86 back box
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Network:	Wi-Fi 2.4GHz/ Ethernet
Audio Output:	2x15W@4-8 ohms
Resolution:	480*480 IPS LCD display
Interface:	Live/Neutral/Light1/Light2 Wire in
	/Ethernert RJ45/TF Port/OTG USB/RS485
Button:	Power button
Screen:	4 inch touch screen
CPU:	Quad-core Cortex-A35 1.5ghz Ram
Power Supply:	100~250V AC 50/60Hz
RAM:	1GB RAM + 8GB ROM Button
Operating System:	Android 8.0
Audio Input:	Yes/AUX
Speaker:	Yes
Bluetooth:	Yes

Construction

Color:	Black
Dimensions:	80*80*57mm

Radio

Radio Protocol:	Zigbee 3.0
Range (Open Field):	100m

Smart Control Panel 12.3"

All in one panel

12.3" **12.3" High definition touch screen**

Configurable built-in menu to meet your needs

Built-in zigbee 3.0 hub

Light control circuit with 2 loops

Powerful 2x25W@4-8 ohms audio output

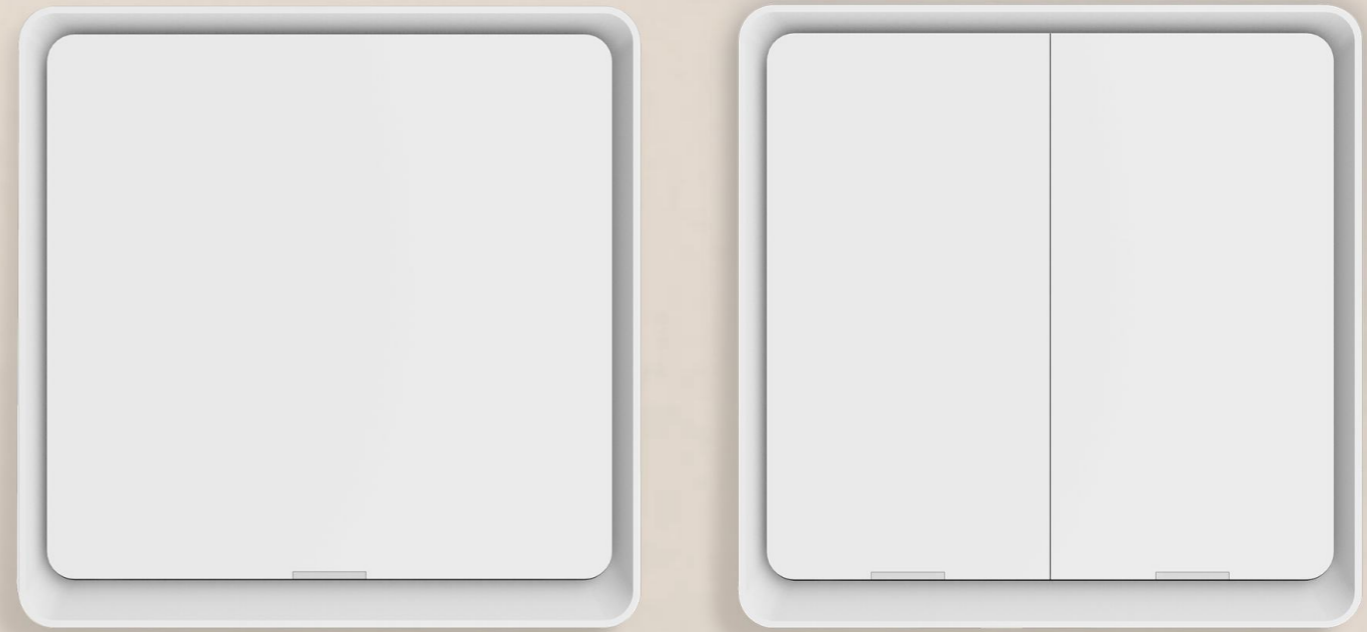App control   Communicates with other devices

General

Model Number:	vNS148
Platform:	Tuya
Installation:	In-wall concealed with pre-embedded back box (standard)
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Network:	Wi-Fi 2.4GHz/ Ethernet
Audio Output:	2x25W@4-8 ohms
Interface:	Live/Neutral/Light1/Light2 Wire in/ Ethernet RJ45/TF Port/OTG USB/RS485
Button:	Power button
Screen:	12.3 inch touch screen
Resolution:	1920*720 IPS LCD display
CPU:	Quad-core Cortex-A53 1.8ghz
Power Supply:	100~250V AC 50/60Hz
RAM:	2GB RAM + 8GB ROM
Operating System:	Android 11
Speaker:	Yes
Audio Input:	Yes/AUX
Bluetooth:	Yes

Construction

Color:	Matte Grey
Dimensions:	172*75*60mm

Radio

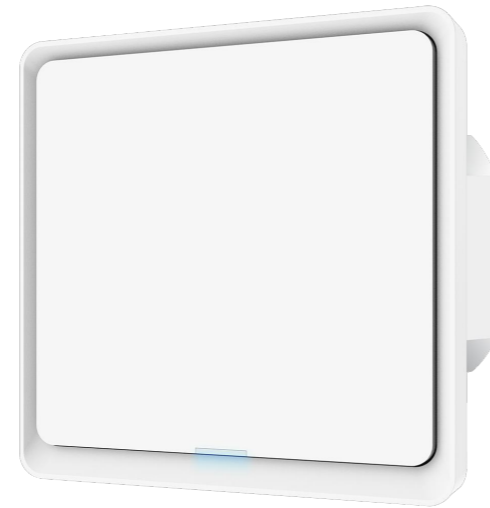|	
Radio Protocol:	Zigbee 3.0
Range (Open Field):	100m

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LIGHTING CONTROLLER

Smart Wall Switch 1 gang

Illuminate your life as you desire

- Simple modern design
- LED status indication
- Scheduled task
- No neutral wire required
- **50K** Switch life cycle: 50,000 times

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google   SmartThings

General

Model:	ESW-1ZBC-EU
Platform :	Tuya
Installation:	In-wall concealed with 86 back box
Wiring:	L in, L out
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Power Supply:	AC 100-240V 50/60Hz
Maximum Overload:	LED: 5-300W per channel
	incandescent: 3-300W per channel
Control Unit:	16A magnetic latching relay
Switch Life Cycle :	50,000 times
Indicator Light:	Yes

Construction

Color:	White
Dimensions:	86*86*37.5mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

A seamless introduction to smart lighting experience

Smart Wall Switch 2 gang

Control your lighting anywhere, anytime

- Simple modern design
- LED status indication
- Scheduled task
- No neutral wire required
- Switch life cycle: 50,000 times

App control   Voice control   Communicates with other devices

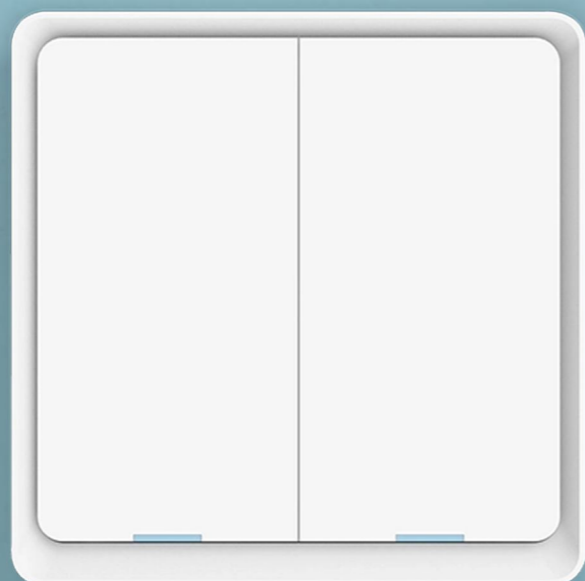amazon alexa   works with Hey Google   SmartThings

General

Model:	ESW-2ZBC-EU
Platform:	Tuya
Installation:	In-wall concealed with 86 back box
Wiring:	L in, L out
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Power Supply:	AC 100~240V 50/60Hz
Maximum Overload:	LED: 5-300W per channel/
	incandescent: 3-300W per channel
Control Unit:	16A magnetic latching relay
Switch Life Cycle :	50,000 times
Indicator Light:	Yes

Construction

Color:	White
Dimensions:	86*86*37.5mm
Casing:	ABS+PC

Radio

|	
Radio Protocol:	Zigbee 3.0
Range (Open Field):	100m

20

Smart Rotary Dimmer Switch

Rotate for easy brightness adjustment

The high-power latching relay

Precise brightness control by percentage

LED status indication

50K Switch life cycle: 50,000 times

Soft transition of dimming lights

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google

General

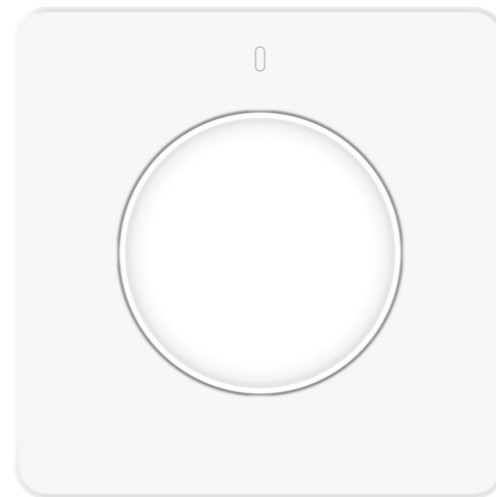|	
Model:	EDW-1ZBA-EU
Platform :	Tuya
Installation:	In-wall concealed with 86 back box
Wiring:	L out, L in, N, Earth
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Power Supply:	AC 100-240V 50/60Hz
Maximum Overload:	LED: 220W per channel /
	Incandescent: 300W per channel
Control Unit:	16A magnetic latching relay
Switch Life Cycle :	50,000 times
Indicator Light:	Yes

Construction

Color:	White
Dimensions:	86*86*53.5mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range:	100m

Smart Touch Dimmer Switch

Easily control brightness with a simple touch

The high-power latching relay

Precise brightness control by percentage

LED status indication

50K Switch Lifecycle: 50,000 times

Soft transition of dimming lights

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google

General

Model:	EDW-1ZBB-EU
Platform:	Tuya
Installation:	In-wall concealed with 86 back box
Wiring:	L out, L in, N, Earth
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Power Supply:	AC 100-240V 50/60Hz
Maximum Overload:	LED: 220W per channel /
	Incandescent: 300W per channel
Switch life cycle:	50,000 times
Indicator light:	Yes

Construction

Color:	White
Dimensions:	86*86*43mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Wireless Scene Switch 1 Button

Easily control other smart home accessories with three actions

Compact size and could be placed anywhere

Multiple configurable actions

Sticks anywhere

No need of wiring

Simple modern design

Easily execute various scenes
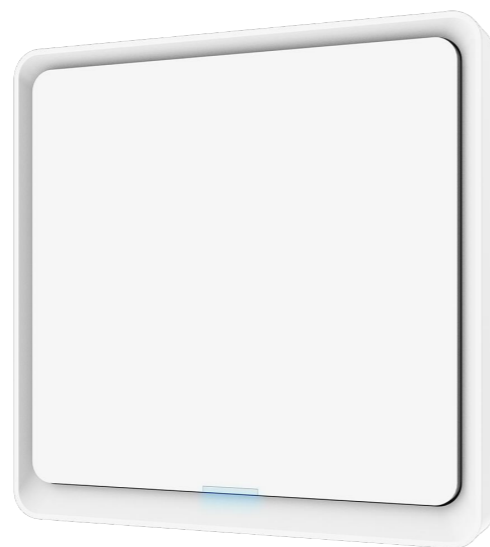
1sec Installation

App control   Communicates with other devices

General

Model:	ESW-0ZAD-EU
Platform :	Tuya
Installation:	Mountable on the wall, desktop, or anywhere else
Button:	Control button/pairing button
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2430, 3V
Battery Life:	Up to 1 year
Indicator Light:	Yes

Construction

Color:	White
Dimensions:	86*86*13mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Wireless Scene Switch 2 Button

Break free from wired connections and enjoy the benefits of wireless technology

Compact size and could be placed anywhere

Multiple Configurable Actions

Sticks Anywhere

No need of wiring

Simple modern design

Easily execute various scenes
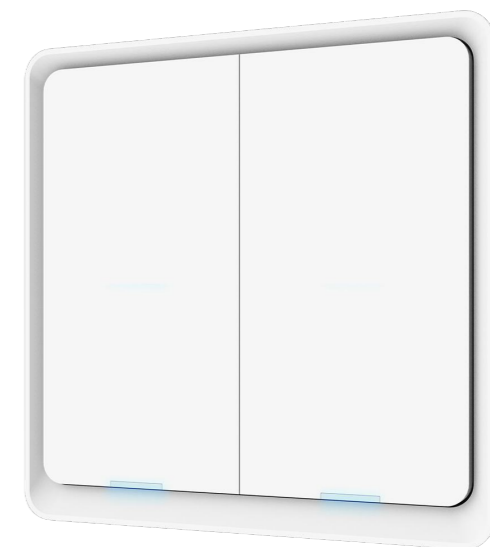
1sec Installation

App control   Communicates with other devices

General

Model:	ESW-0ZAC-EU
Platform :	Tuya
Installation:	Mountable on the wall, desktop, or anywhere else
Button:	Control button/pairing button
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2430, 3V
Battery Life:	Up to 1 year
Indicator Light:	Yes

Construction

Color:	White
Dimensions:	86*86*13mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Wireless Scene Switch 3 Button

Effortlessly command other smart home accessories with only three simple actions

Compact size and could be placed anywhere

Multiple configurable actions

Sticks anywhere

No need of wiring

Simple modern design

Easily execute various scenes
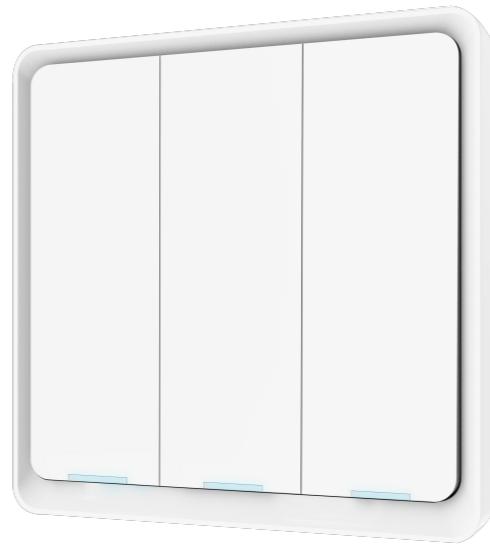
1sec Installation

App control   Communicates with other devices

General	
Model:	ESW-0ZAB-EU
Platform :	Tuya
Installation:	Mountable on the wall, desktop, or anywhere else
Button:	Control button/pairing button
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2430, 3V
Battery Life:	Up to 1 year
Indicator Light:	Yes

Construction	
Color:	White
Dimensions:	86*86*13mm
Casing:	ABS+PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Wireless Scene Switch 4 Button

Free yourself from cable clutter

Compact size and could be placed anywhere

Multiple Configurable actions

Sticks Anywhere

No need of wiring

Simple modern design

Easily execute various scenes
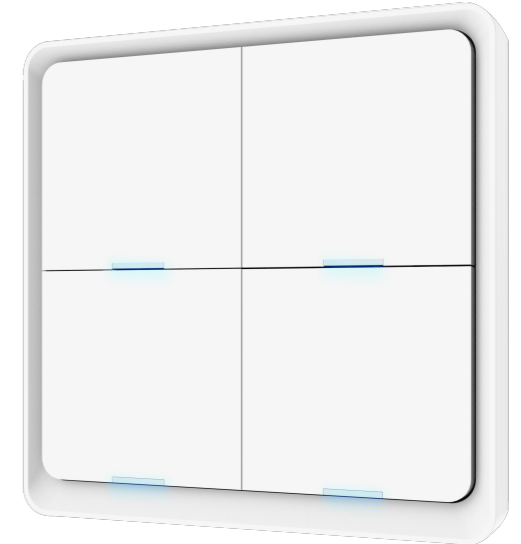
1sec Installation

App control   Communicates with other devices

General	
Model:	ESW-0ZAA-EU
Platform :	Tuya
Installation:	Mountable on the wall, desktop, or anywhere else
Button:	Control button/pairing button
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2430, 3V
Battery Life:	Up to 1 year
Indicator Light:	Yes

Construction	
Color:	White
Dimensions:	86*86*13mm
Casing:	ABS+PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

onvei

SECURITY

Window & Door Sensor

Detects if a window or door is open in real time

20mm   **Magnetic control distance ≤20mm**

Real-time feedback on door/window status

Tamper protection

Left open Alert

Battery life up to 1 years

App control   Communicates with other devices

General

Model:	HO-031ZB
Platform:	Tuya
Installation:	Door or window mounted
Anti-Tamper Alarm:	Yes
Magnetic Control Distance:	≤20mm
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Battery Type:	2 Battery CR1632, 3V
Battery Life:	Up to 1 years
Low Battery Warning :	Yes, 2.5V±0.2V

Construction

Color:	White
Dimensions:	Main body dimensions: 54*22.2*12.5mm
	Secondary body dimensions: 33.3*10.2*12.5mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

PIR Motion Sensor

Add a line of defense for your home

7m — Detection range 7m

Freely adjustable angle

Tiny size and could be placed anywhere

Notification history check

Battery life up to 1 years

Spherical lens quaternary sensor

App control   Communicates with other devices

General

Model:	LH-961ZB
Platform:	Tuya
Installation:	Wall or ceiling mountable
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2450, 3V
Battery Life:	Up to 1 years
Low Battery Warning:	Yes
Detection Angle:	70° (magnetic base, adjustable detection angle)
Detection Range:	7m
Indicator:	LED

Construction

Color:	White
Dimensions:	φ40*48mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Water Leakage Sensor

Detects if a window or door is open in real time

Notifications and record searching via the app

Detection water level 0.5mm

Real-time monitoring of your house safety

Designed to fit everywhere

Double-sided design

Battery life up to 1 years

IP66 waterproof rating

App control   Communicates with other devices

General

Model:	LH-301ZB
Platform:	Tuya
Installation:	Mounted on any surface or placed
Detection Water Level:	0.5mm
IP Class:	IP66
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2032, 3V
Battery Life:	Up to 1 years
Low Battery Warning:	Yes，2.5V±0.2V

Construction

Color:	White
Dimensions:	45.5mm × 45.5mm × 14.2mm
Casing:	ABS+PC

Radio

Radio Protocol:	zigbee 3.0
Signal Range (Open Field):	100m

Scenario Button

Scenario Button Easily Control Other Smart Home Accessories With Three Actions

Compact size and could be placed anywhere

Multiple configurable actions

Sticks anywhere

No need of wiring

Simple modern design

Easily execute various scenes

1sec Installation

App control   Communicates with other devices

General

Model:	HO-011ZB
Platform:	Tuya
Installation:	Mountable on the wall, desktop, or anywhere else
Button:	Control button/Pairing button
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR2032, 3V
Battery Life:	Up to 1 years
Low Battery Warning:	Yes，2.5V±0.2V

Construction

|	
Color:	White
Dimensions:	44.5mm × 44.5mm × 13mm
Casing:	ABS+PC

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Gas Leakage Sensor Zigbee

Protects you and your family from a gas leak, no matter if you are home or away

- Gas detection (CH4) natural gas
- Maximum sound can be up to 70dB
- Local smart scene
- Unique air flow window design
- Real-time feedback on gas sensor status
- Compact size and could be placed anywhere

App control   Communicates with other devices

General

Model:	LH-801WF
Platform:	Tuya
Installation:	Wall or ceiling mountable
Button:	Yes, MUTE/ Self-checking button/ Pairing button
Alarm Sound Pressure:	≥70dB@1meters
Detecting Types:	Natural gas (CH4)
Operating Temperature:	-5~45°c Alarm Gas Concentration: ±6%LEL, tolerance ±3%LEL
Concentration Tolerance:	5%LEL
Operating Humidity:	5~90%
Power Supply:	DC12V, with power adapter
LED:	Yes, red, green and yellow LEDs show working status

Construction

Color:	White
Dimensions:	66mm × 66mm × 29mm
Casing:	ABS+PC

Radio

Radio Protocol:	zigbee 3.0
Signal Range (Open Field):	100m

Gas Leakage Sensor Wi-Fi

Detection and protection at the first sign of gas leakage

- Gas detection (CH4) natural gas
- Maximum sound can be up to 70dB
- Local Smart Scene
- Unique Air Flow Window Design
- Real-time feedback on Gas sensor status
- Compact size and could be placed anywhere

App control   Communicates with other devices

General

|	
Model:	LH-801WF
Platform:	Tuya
Installation:	Wall or ceiling mountable
Button:	Yes, MUTE/ Self-checking button/ Pairing button
Alarm Sound Pressure:	≥70dB@1meters
Detecting Types:	natural gas (CH4)
Operating Temperature:	-5~45°c Alarm Gas Concentration: ±6%LEL, tolerance ±3%LEL
Concentration Tolerance:	5%LEL
Operating Humidity:	5~90%
Power Supply:	DC12V, with power adapter
LED:	Yes, red, green and yellow LEDs show working status

Construction

Color:	White
Dimensions:	66mm*66mm*29mm
Casing:	ABS+PC

Radio

Radio Protocol:	Wi-Fi 2.4GHz
Signal Range (Open Field):	100m

Smoke Sensor Zigbee

Sensitive detection to prevent fires before they happen

- Tamper protection
- Maximum sound can be up to 85dB
- Local smart scene
- Battery life up to 1 years
- Real-time feedback on smoke sensor status
- Compact size and could be placed anywhere

App control   Communicates with other devices

General	
Model:	LH-601ZB
Platform:	Tuya
Installation:	Wall or ceiling mountable
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type:	1 Battery CR123A battery, 3V
Battery Life:	Up to 1 years
Anti-Tamper Alarm:	Yes
Detection Range:	50 square meters
Low Battery Warning:	Yes，2.5V±0.2V
Alarm Sound Pressure:	85dB@3meters
Button:	Yes, MUTE/ Self-checking button/ Pairing button
LED:	Yes, red, green and yellow LEDs show working status

Construction	
Color:	White
Dimensions:	70*70*29mm
Casing:	ABS+PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Smoke Sensor Wi-Fi

Immediate detection and protection at the first sign of smoke

- Tamper protection
- Maximum sound can be up to 85dB
- Smart scene
- Battery life up to 1 years
- Real-time feedback on smoke sensor status
- Compact size and could be placed anywhere

App control   Communicates with other devices

| General	
Mode:	LH-601WF
Platform:	TUYA
Installation:	Wall or ceiling mountable
Operating Temperature:	-5~45°c
Operating Humidity:	5~90%
Battery Type	1 Battery C123A, 3V
Anti-Tamper Alarm:	Yes
Detection Range:	50 square meters
Low Battery Warning:	Yes，2.5V±0.2V
Alarm Sound Pressure:	85dB@3meters
Button:	Yes, MUTE/ Self-checking button/ Pairing button
LED:	Yes, red, green and yellow LEDs show working status

Construction	
Color:	White
Dimensions:	70*70*29mm
Casing:	ABS+PC

| Radio	
Radio Protocol:	Wi-Fi 2.4GHz
Signal Range (Open Field):	100m

R1 Pro

3D face recognition opening the door faster and safer

HD   **Super large high-definition indoor display**

3D face recognition

6   **6 unlock methods**

Long-lasting rechargeable battery

Configurable automations

App control   Communicates with other devices

General

Model:	R1 pro
Platform:	Tuya
Unlocking ways:	3D Face Recognition/Fingerprint/Password/
	Mechanical Key Tuya & Smart Life App/
	Electronic Encryption Card
Password Input:	Touch key
Fingerprint Identification Time:	< 0.5s
3D Face Recognition User Capacity:	50 number
Fingerprint User Capacity:	100 number
Password User Capacity:	100 number
Mechanical Keys:	2 pieces
Power Supply:	4200mAh rechargeable lithium battery
Micro USB emergency power	Yes
supply:	Yes
Low Battery Warning:	Yes
Anti-Skid Alarm:	Yes

Construction

Color:	Black and Gold
Dimensions:	418.9*74*59.4mm

Radio

Radio Protocol:	Wi-Fi 2.4GHz

onvei

28.8 °C
35 %

SMART HVAC

Environment Sensor

Comfort guardian of your smart home

Built-in multiple sensors including temperature detection,humidity detection and light detection

Notifications and record searching via the app

Real-time data display on the screen

Built-in high precision sensor

Battery life up to 1 years

App control   Communicates with other devices

General	
Model:	ZX-ES-J11W
Platform:	Tuya
Installation:	Wall mountable
Sensitive Element:	Temperature sensor, humidity sensor, light sensor
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Screen Size:	52.8 x 49.1 x 2.1mm
Temperature Accuracy:	+0.5 C
Humidity Accuracy:	+5%Rh
Battery Type:	1 Battery CR2450, 3V
Battery Life:	Up to 1 years
Low Battery Warning:	Yes，2.5V±0.2V

Construction	
Color:	White
Dimensions:	60*60*15.3mm
Casing:	ABS+PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Wi-Fi IR+RF Hub

Effortlessly manage your current devices with voice commands and local automationsfrom anywhere in your room

12m Up to 12m infrared distance

Learn button capability

Compatible with all IR + RF devices

360° infrared control

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google   SmartThings

General

Model:	S11
Platform:	Tuya
Installation:	Mounted on any surface or placed
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Interfaces:	Micro USB power supply
Button:	Pairing button
Indicator:	LED
Remote Range:	360°, ≤12m
Remote Control Learning:	Yes
Code Library Match:	Yes
Power Supply:	5V/1A

Construction

Color:	Black
Dimensions:	60*60*20mm
Casing:	ABS+PC

Radio

Radio Protocol:	Wi-Fi 2.4GHz

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onvei

2CH Zigbee Switch Module-ES
Model : SML-02Z-ES
Voltage : AC100-240V 50/60Hz
Max.load : LED 2x150W ☀ 2x5A

L2 L L1 N S1 S2

1CH Wi-Fi Switch Module-ES
Model : SML-01WB-ES-16A
Voltage : AC100-240V 50/60Hz
Max.load : LED 300W ☀16A

L L1 N S1

Zigbee Curtain Module
Model : SMC-01Z
Voltage : AC100-240V 50/60Hz
Max.load : 3A

L2 L L1 N S1 S2

RETROFIT CONTROLLER
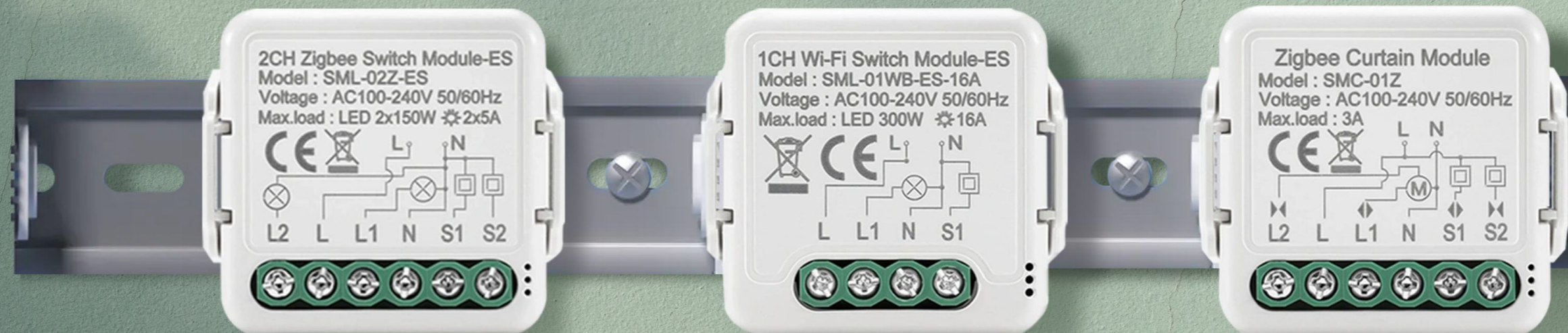
Curtain Module

Define your curtain's position with effortless precision

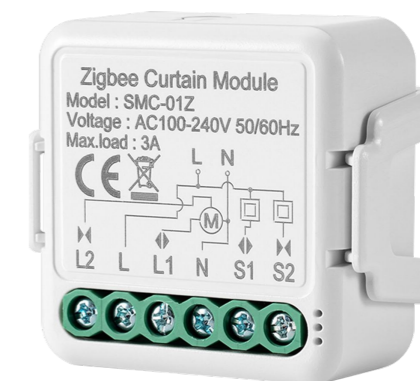**Accurate control by percentage**

Adjustable track length

Customize opening/closing position

Scheduled task

App control   Voice control   Communicates with other devices

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Zigbee Curtain Module
Model : SMC-01Z
Voltage : AC100-240V 50/60Hz
Max.load : 3A

works with
amazon alexa   Hey Google

General	
Model:	SMC-01Z
Platform:	Tuya
Installation:	Installable in any 86-type wall box or mounting box, and can also be mounted on a DIN rail
Wiring:	L in, N in, L(1) out, L(2) out, S1, S2
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Button:	Pairing button
Power Supply:	AC 100~240V 50/60Hz
Maximum Overload:	3A

Construction	
Color:	White
Dimensions:	39.2*39.2*18mm(without mounting clip) , 43*39.2*22.3mm(with mounting clip)
Casing:	ABS+PC

Radio	
Radio Protocol:	zigbee 3.0
Signal Range (Open Field):	100m

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1CH Zigbee Switch Module

Live smart without replacing your original equipment.

16A Max. load: 300W | 16A

Energy usage monitor

Small size and versatile design

Scheduled task support

3.0 Zigbee 3.0 protocol

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google

General	
Model:	SML-01Z-ES-16A
Platform:	Tuya
Installation:	Installable in any 86-type wall box or mounting box, and can also be mounted on a DIN rail
Wiring:	L in, N in, L out, S1
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Button:	Pairing button
Power Supply:	AC 100-240V 50/60Hz
Maximum Overload:	300W	16A

Construction	
Color:	White
Dimensions:	39.2*39.2*18mm(without mounting clip) 43 x 39.2 x 22.3mm(with mounting clip)
Casing:	PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

2CH Zigbee Switch Module

The most compact zigbee smart switch ever

5A Max. load: 150W per chanel | 2*5A

Energy usage monitor

Small size and versatile design

Scheduled task support

3.0 Zigbee 3.0 protocol

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google

General	
Model:	SML-02Z-ES
Platform:	Tuya
Installation:	Installable in any 86-type wall box or mounting box, and can also be mounted on a DIN rail
Wiring:	L in, N in, L1 out, S1, L2 out, S2
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Button:	Pairing button
Power Supply:	AC 100-240V 50/60Hz
Maximum Overload:	2*150W 2*5A

Construction	
Color:	White
Dimensions:	39.2*39.2*18mm(without mounting clip) 43*39.2*22.3mm(with mounting clip)
Casing:	PC

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

1CH Wi-Fi Switch Module

Transform your switch into a smart remote control

5A Max. load: 300W | 16A

Energy usage monitor

Small size and versatile design

Scheduled task support

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google

General	
Model:	SML-01WB-ES-16A
Platform:	Tuya
Installation:	Installable in any 86-type wall box or mounting box, and can also be mounted on a DIN rail
Wiring:	L in, N in, L out, , S1,
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Button:	Button: pairing button
Power Supply:	Power Supply: AC 100-240V 50/60Hz
Maximum Overload:	Maximum Overload: 300W	16A

Construction	
Color:	White
Dimensions:	39.2*39.2*18mm(without mounting clip) 43*39.2*22.3mm(with mounting clip)
Casing:	PC

Radio	
Radio Protocol:	Wi-Fi 2.4GHz

2CH Wi-Fi Switch Module

Smaller than ever, compatible with multiple box types

5A Max. load: 150W per chanel | 2*5A

Energy usage monitor

Small size and versatile design

Scheduled task support

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google

General	
Model:	SML-02WB-ES
Platform:	TUYA
Installation:	Installable in any 86-type wall box or mounting box, and can also be mounted on a DIN rail
Wiring:	L in, N in, L1 out, S1, L2 out, S2
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Button:	pairing button
Power Supply:	AC 100-240V 50/60Hz
Maximum Overload:	2*150W 2*5A

Construction	
Color:	White
Dimensions:	39.2*39.2*18mm(without mounting clip) 43*39.2*22.3mm(with mounting clip)
Casing:	PC

Radio	
Radio Protocol:	Wi-Fi 2.4GHz

Irrigation Valve 3/4 inch

Watering made easy: Just set your schedule to let the water flow from 3 to 3:15 every night.

1"   **Inlet thread DN20-3/4inch**

Working flow: 500 ~ 1700L/ h

Working water pressure: 1 ~ 8kg

Scheduled task support

No need of wiring

App control   Communicates with other devices

General	
Model:	FJKZ005
Platform:	Tuya
Operating Temperature:	0~60°c
Operating Humidity:	5~90%
Installation:	Plug and play
Inlet Thread:	DN20
Indicator:	Yes
Button:	Pairing button
IP Class:	IP67
Working Water Pressure:	1 ~ 8kg
Working Flow:	500 ~ 1700L/ h
Battery Type:	4 AAA alkaline batteries, 1.5v
Battery Life:	Up to 1 years

Construction	
Color:	Green & White
Dimensions:	100*45*150mm

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Irrigation Valve 1 inch

Effortless irrigation: Set your own Time, let nature thrive

1″ Inlet thread DN25/1inch

Working flow: 500 ~ 1700L/ h

Working water pressure: 1 ~ 8kg

Scheduled task support

No need of wiring

App control   Communicates with other devices

General

Model:	FJKZ003
Platform:	Tuya
Operating Temperature:	0~60°c
Operating Humidity:	5~90%
Installation:	Plug and play
inlet thread:	DN25
Indicator:	Yes
Button:	Pairing button
IP Class:	IP67
Working Water Pressure:	1 ~ 8kg
Working Flow:	500 ~ 1700L/ h
Battery Type:	4 AAA alkaline batteries, 1.5v
Battery Life:	Up to 1 years

Construction

Color:	Green & Black
Dimensions:	100*90*270mm

Radio

Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

soil moisure and temperature sensor

Watering made easy: Just set your schedule to let the water flow from 3 to 3:15 every night

Built-in multiple sensors including temperature detection, humidity detection
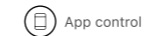
Local Smart Scene

Built-in high precision sensor

Battery life up to 1 years

App control   Communicates with other devices

General	
Model:	FJKZ007
Platform:	Tuya
Installation:	Plug and play
Sensitive Element:	Temperature sensor, humidity sensor
Button:	Pairing button
IP Class:	IP67
Temperature Measurement Resolution:	0.1 °C
Temperature Measurement Accuracy:	± 0.5 °C
Temperature Measurement Range:	0 ~ 85 °C
Humidity Measurement Accuracy:	1%
Humidity Measurement Resolution:	± 1%
Humidity Measurement Range:	0 ~ 100%
Battery Type:	4 AAA alkaline batteries, 1.5v
Battery Life:	Up to 1 years

Construction	
Color:	Green & Gray
Dimensions:	230*60*60mm

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m

Water/Gas Valve Controller

Effortlessly control your water/gas valves

Local smart scene

Scheduled task support

Zigbee 3.0 protocol

App control   Voice control   Communicates with other devices

amazon alexa   works with Hey Google   SmartThings

General	
Model:	VC-105
Platform:	Tuya
Operating Temperature:	0~45°c
Operating Humidity:	5~90%
Valve Size:	Max 1.2'' inch
Valve pressure:	1.6Mpa
Torque:	30- 60kg.cm
Button:	Pairing button
Power Supply:	DC12V, with power adapter

Construction	
Color:	Black
Dimensions:	60*60*15.3mm

Radio	
Radio Protocol:	Zigbee 3.0
Signal Range (Open Field):	100m