


# onvei


Smart  
Home  
Product  
Brochure

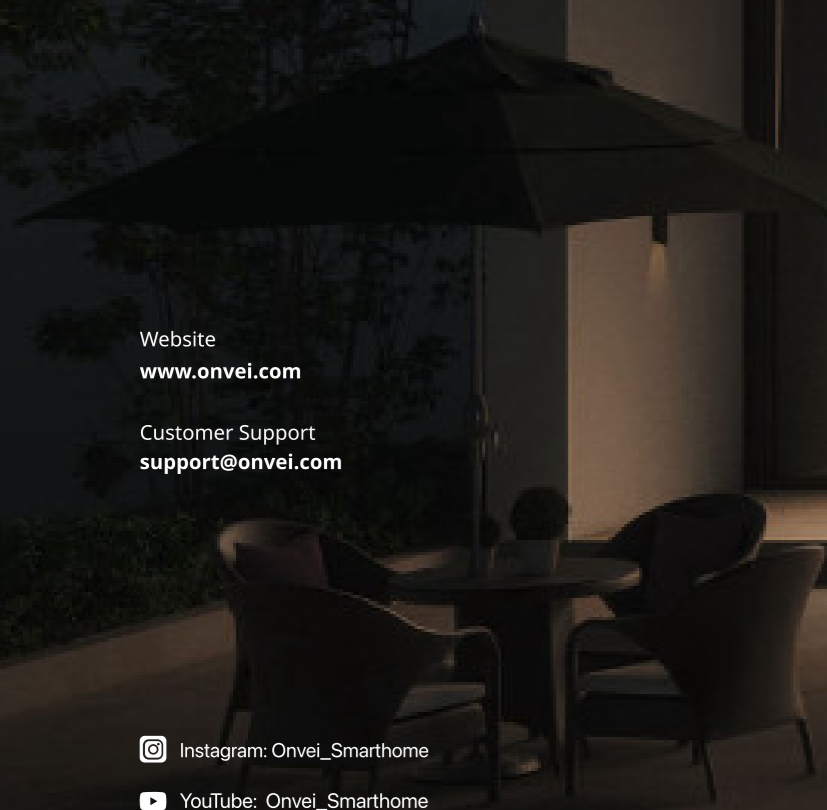


Website  
[www.onvei.com](http://www.onvei.com)

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 Instagram: [Onvei\\_Smarthome](#)

 YouTube: [Onvei\\_Smarthome](#)

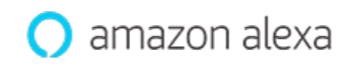


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Onvei, a leading IoT company, focuses on the global smart home market. We offer a complete range of smart devices and have chosen the Tuya ecosystem, enabling seamless integration and operation with products worldwide. Our goal is to make the smart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



30+

Countries/Regions

1M+

End Users

15+


Types of Sensors




# Zigbee Protocol

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

Zigbee is an IoT communication protocol that enables communication interconnection and automation for IoT devices. It utilizes wireless connection technologies that are comparable to wired connection technologies.

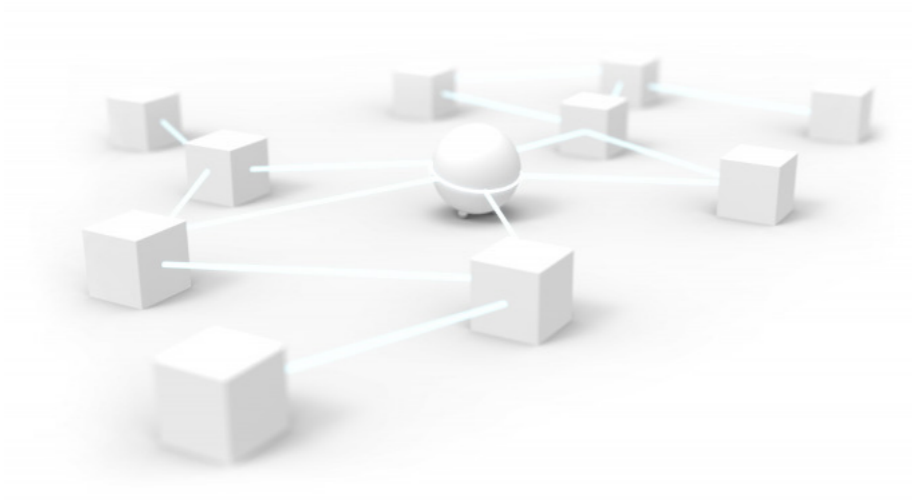
 **Range: indoor 10-20, outdoor 5-100 meters**





 **Low-power usage / long battery life**

 **Secure 128-bit AES encryption**

 **Works on the 2.4GHz frequency**

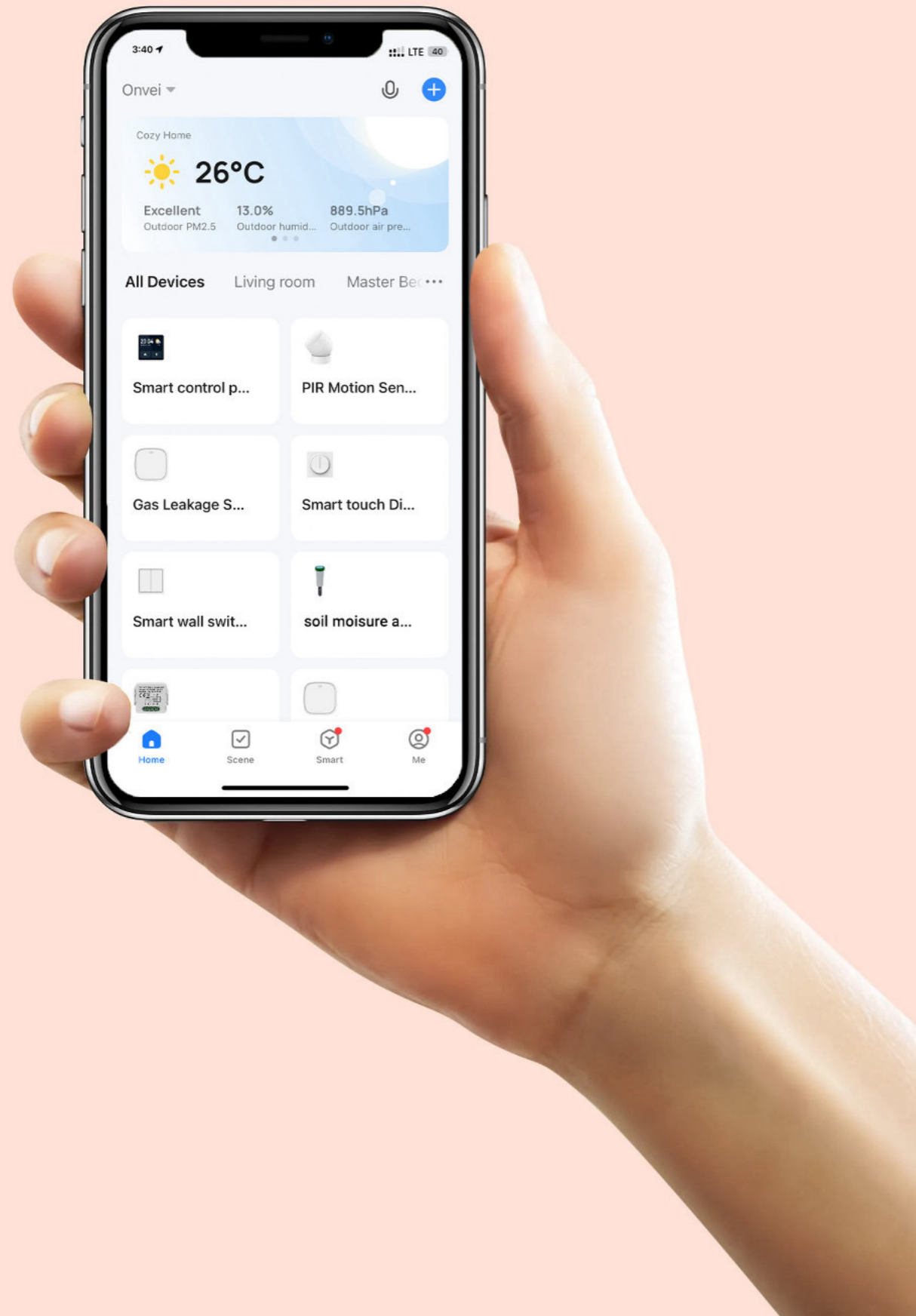
 **Uses mesh networking**



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

We are the brand that supports the most wireless communication protocols on the market. In the field of IoT, we firmly believe that the future lies in wireless communication protocols. We always put customers' value at the top of our priorities and choose the wireless communication protocols that are most suitable for the needs of our users. We offer products that support the most protocols on the market, including Wi-Fi and Zigbee. Because we believe that every home should be able to be transformed into a smart home easily, and homeowners should be able to manage the system without needing any technical knowledge or the assistance of a technician.





# Smart Life App

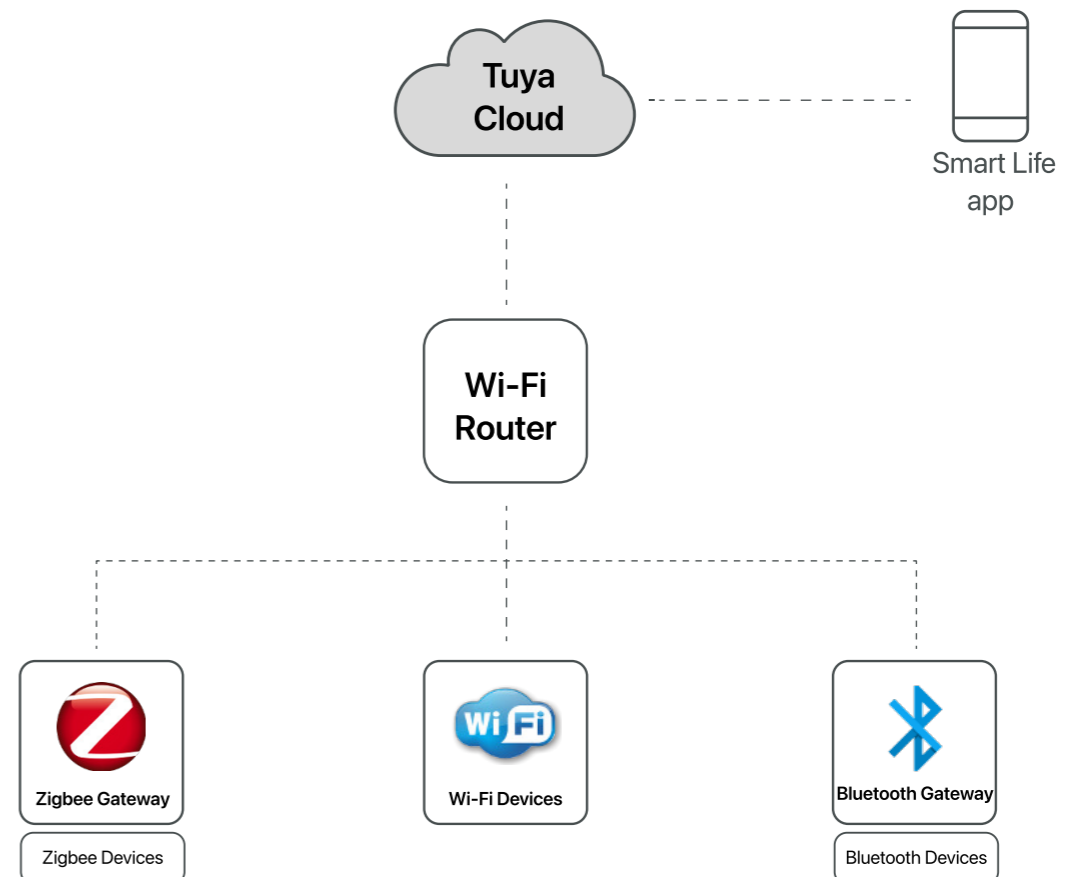
Smart Life app supports all kinds of Onvei devices and other third-party Tuya devices. It allows you to monitor and interact with your home from anywhere and at any time via mobile, elevating the comfort and efficiency of smart home management to a new level.

## System function

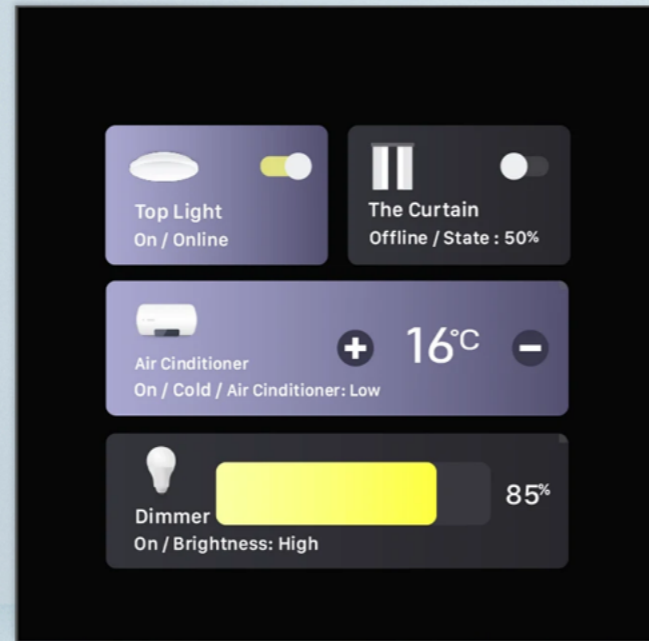
Push notification, AI builder, Schedule timer, Global account, OTA upgrade, Local network access, Device share, Engineering mode, RSSI monitor, Device backup.

iOS

Android









# onvei



INTERACTION CENTER

# 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 x 70 x 32.5 mm
Casing:	ABS+PC


## Radio


Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# Smart Control Panel 4"

Your entire home in one device


 **480 x 480 high definition 4inch display**

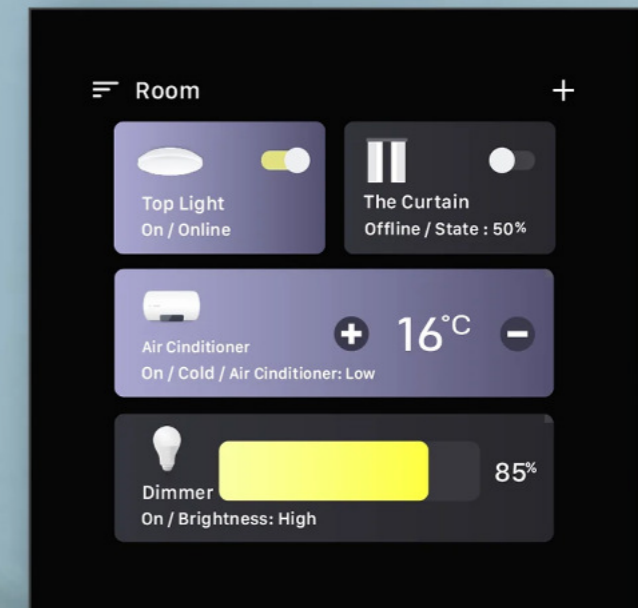
 **Light control circuit with 2 loops**

 **Powerful 2x15W @4-8 ohms audio output**

 **Built-in Zigbee 3.0 Hub**

 App control

 Communicates with other devices



General	
Model:	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 x 480 IPS LCD display
Interface:	Live/Neutral/Light1/Light2 Wire in /Ethernet 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 x 80 x 57 mm

Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m




# 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

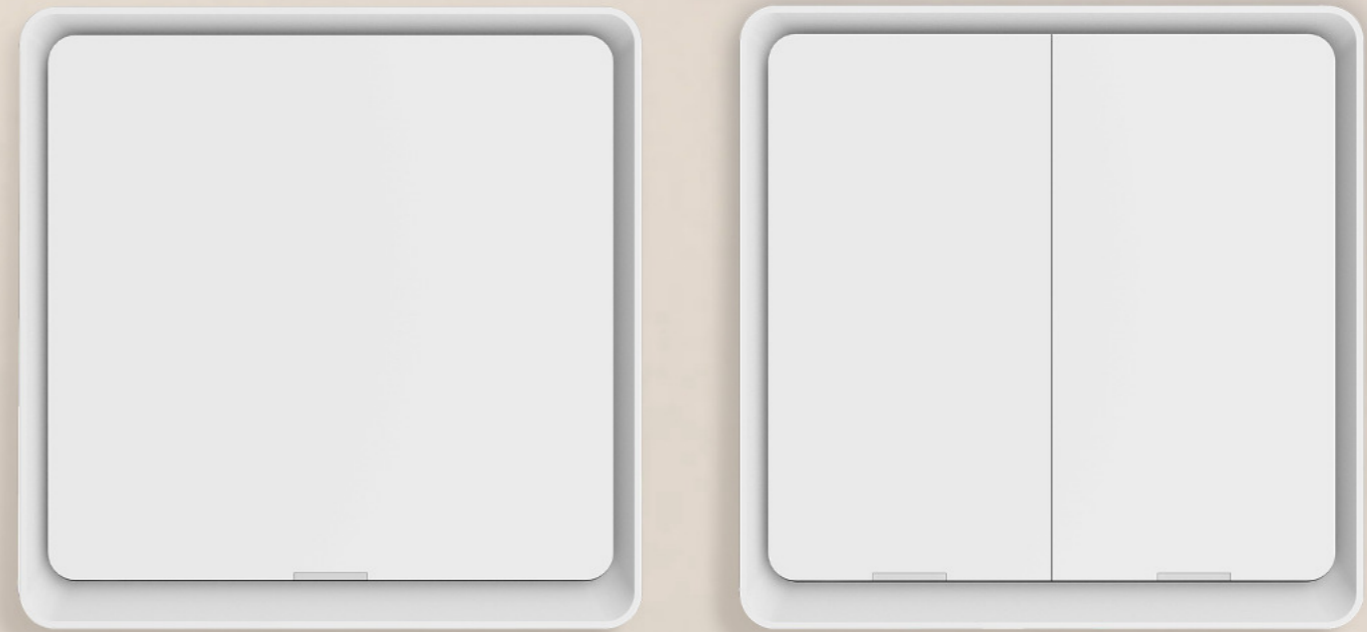
Model:	vNS148
Platform:	Tuya
Installation:	In-wall concealed with pre-embedded back box (standard)
Operating temperature:	-5~45°C
Operating humidity:	5~90%
Network:	Wi-Fi 2.4GHz/ Ethernet
Audio output:	2x25W @4-8 ohms
Interface:	Live/Neutral/Light1/Light2 Wire in/ Ethernet RJ45/TF Port/OTG USB/RS485
Button:	Power button
Screen:	12.3 inch touch screen
Resolution:	1920 x 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 x 75 x 60 mm

## Radio






Radio protocol:	Zigbee 3.0
Range (open field):	100 m






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**
-  **Switch life cycle: 50,000 times**



-  App control
-  Voice control
-  Communicates with other devices



## General

Model:	ESW-1ZAC-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
Max. load:	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

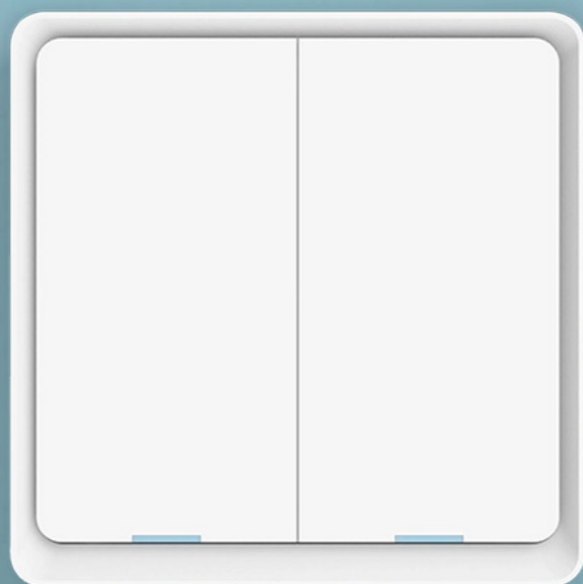
Color:	White
Dimensions:	86 x 86 x 37.5 mm
Casing:	ABS+PC

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m








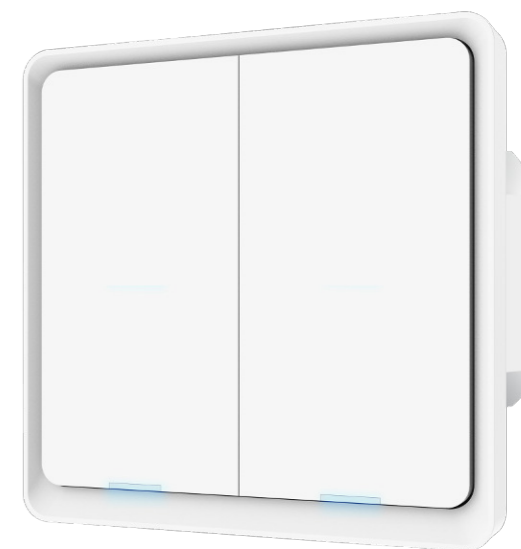
# A seamless introduction to smart lighting experience






## 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



### General

Model:	ESW-2ZAC-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
Max. load:	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 x 86 x 37.5mm
Casing:	ABS+PC

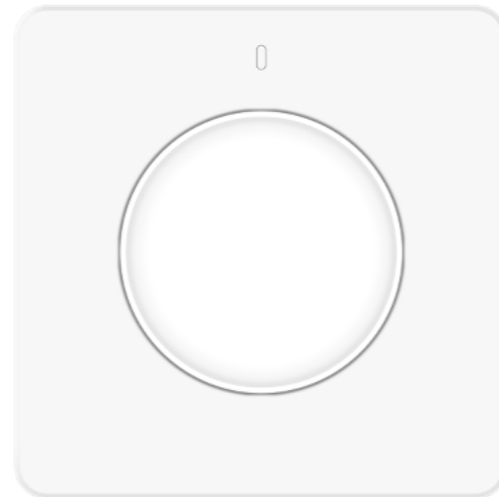
### Radio




Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# Smart Rotary Dimmer Switch

Rotate for easy brightness adjustment

-  Dimming through the triac control unit
-  The high-power latching relay
-  Precise brightness control by percentage
-  LED status indication
-  Switch life cycle: 50,000 times
-  Soft transition of dimming lights



-  App control
-  Voice control
-  Communicates with other devices









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
Max. load:	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 x 86 x 37.5 mm
Casing:	ABS+PC




Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

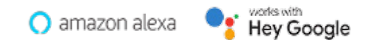
# Smart Touch Dimmer Switch

Easily control brightness with a simple touch

-  Dimming through the triac control unit
-  The high-power latching relay
-  Precise brightness control by percentage
-  LED status indication
-  Switch life cycle: 50,000 times
-  Soft transition of dimming lights



-  App control
-  Voice control
-  Communicates with other devices



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
Max. load:	LED: 220W per channel / Incandescent: 300W per channel
Switch life cycle:	50,000 times
Indicator light:	Yes

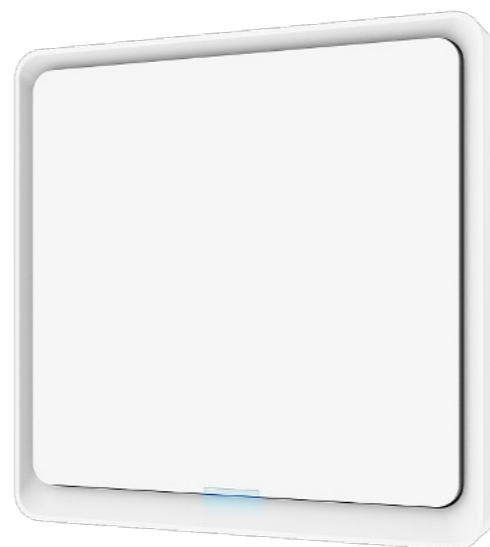
Construction	
Color:	White
Dimensions:	86 x 86 x 43 mm
Casing:	ABS+PC

Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# 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**
-  **1 sec 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 x 86 x 13 mm
Casing:	ABS+PC

Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# 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**
-  **1 sec 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 x 86 x 13 mm
Casing:	ABS+PC

Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# 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**
-  **1 sec Installation**



 App control  Communicates with other devices

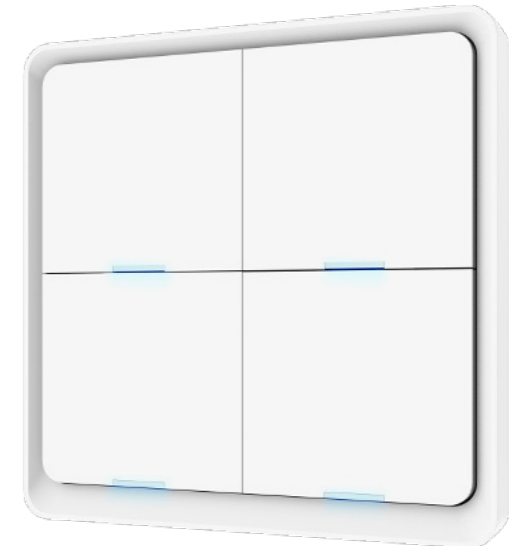
General	
Model:	ESW-0ZAB-EU
Platform :	Tuya
Installation:	Mountable on the wall, desktop, or anywhere else
Button:	Control button/pairing button
Operating temperature:	-5~45°C
Operating humidity:	5~90%
Battery type:	1 battery CR2430, 3V
Battery life:	Up to 1 year
Indicator light:	Yes

Construction	
Color:	White
Dimensions:	86 x 86 x 13 mm
Casing:	ABS+PC
Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# 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**
-  **1 sec 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 x 86 x 13 mm
Casing:	ABS+PC
Radio	
Radio protocol:	Zigbee 3.0
Range (open Field):	100 m

onvei




SECURITY




# Window & Door Sensor


Detects if a window or door is open in real time

20mm **Magnetic control distance  $\leq 20\text{mm}$**

 **Real-time feedback on door/window status**

 **Tamper protection**

 **Left open alert**

 **Battery life up to 1 year**



App control



Communicates with other devices



## General

Model:	HO-031ZB
Platform:	Tuya
Installation:	Door or window mounted
Anti-tamper alarm:	Yes
Magnetic control distance:	$\leq 20\text{mm}$
Operating temperature:	0~45°C
Operating humidity:	5~90%
Battery type:	2 batteries CR1632, 3V
Battery life:	Up to 1 year
Low battery notification:	Yes, 2.5V±0.2V

## Construction

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

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m



# PIR Motion Sensor

Add a line of defense for your home



**Detection range 7m**



**Freely adjustable angle**



**Tiny size and could be placed anywhere**



**Notification history check**



**Battery life up to 1 year**



**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 year
Low battery notification:	Yes
Detection angle:	70° (magnetic base, adjustable detection angle)
Detection range:	7m
Indicator:	LED

## Construction

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

## Radio

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

# Water Leakage Sensor

Detects if a window or door is open in real time



Notifications and record searching via the app



Detection water level 0.5 mm



Real-time monitoring of your house safety



Designed to fit everywhere



Double-sided design



Battery life up to 1 year



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 year
Low battery notification:	Yes, 2.5V±0.2V

## Construction

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


## Radio


Radio protocol:	Zigbee 3.0
Range (open field):	100 m




# 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**

 **1 sec 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 year
Low battery notification:	Yes, 2.5V±0.2V

## Construction

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







## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m



# Gas Leakage Sensor Zigbee

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

-  **Natural gas (CH4) detection**
-  **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-801ZB
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:	66 x 66 x 29 mm
Casing:	ABS+PC

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# Gas Leakage Sensor Wi-Fi

Detection and protection at the first sign of gas leakage

-  **Natural gas (CH4) detection**
-  **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:	66 x 66 x 29 mm
Casing:	ABS+PC

## Radio

Radio protocol:	Wi-Fi 2.4GHz
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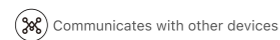
# Smoke Sensor Zigbee

Sensitive detection to prevent fires before they happen

-  **Tamper protection**
-  **Max. sound can be up to 85dB**
-  **Local smart scene**
-  **Battery life up to 1 year**
-  **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 CR2032 battery, 3V
Battery life:	Up to 1 year
Anti-tamper alarm:	Yes
Detection range:	50 m <sup>2</sup>
Low battery notification:	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 x 70 x 29 mm
Casing:	ABS+PC

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# Smoke Sensor Wi-Fi

Immediate detection and protection at the first sign of smoke

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



App control



Communicates with other devices

## General

Model:	LH-601WF
Platform:	Tuya
Installation:	Wall or ceiling mountable
Operating temperature:	-5~45°C
Operating humidity:	5~90%
Battery type:	1 battery CR2032, 3V
Anti-tamper alarm:	Yes
Detection range:	50 m <sup>2</sup>
Low battery notification:	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 x 70 x 29 mm
Casing:	ABS+PC

## Radio

Radio protocol:	Wi-Fi 2.4GHz
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# R1 Pro


3D face recognition opening the door faster and safer

 Super large high-definition indoor display


 3D face recognition

 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
Fingerprint user capacity:	100
Password user capacity:	100
Mechanical keys:	2 pieces
Power supply:	4200mAh rechargeable lithium battery
Micro USB emergency power:	Yes
supply:	Yes
Low battery notification:	Yes
Anti-skid alarm:	Yes

## Construction

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

## Radio

Radio protocol:	Wi-Fi 2.4GHz
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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 year**



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 2.1 mm
Temperature accuracy:	+0.5 C
Humidity accuracy:	+5%Rh
Battery type:	1 battery CR2450, 3V
Battery life:	Up to 1 year
Low battery notification:	Yes, 2.5V±0.2V

## Construction

Color:	White
Dimensions:	60 x 60 x 15.3 mm
Casing:	ABS+PC

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# Wi-Fi IR+RF Hub

Effortlessly manage your current devices with voice commands and local automations from 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

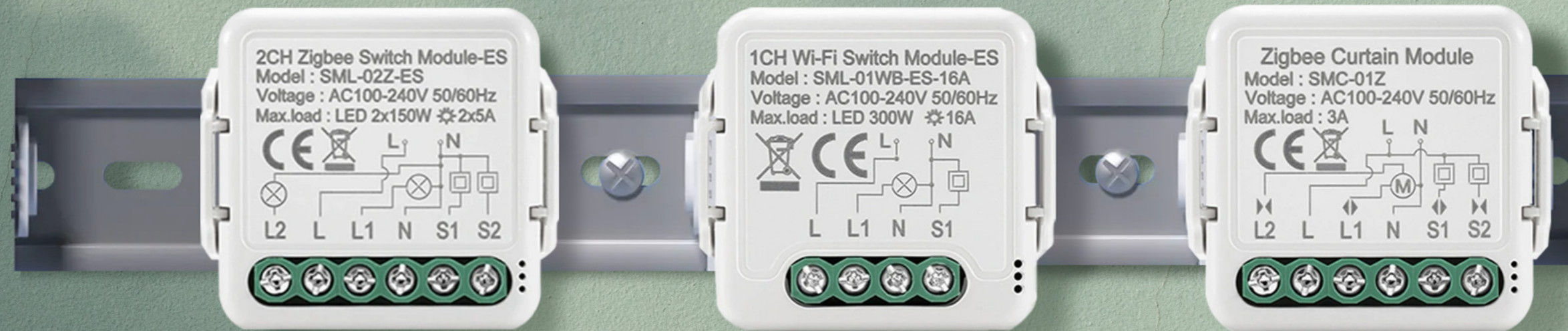
## Construction

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

## Radio





Radio protocol:	Wi-Fi 2.4GHz
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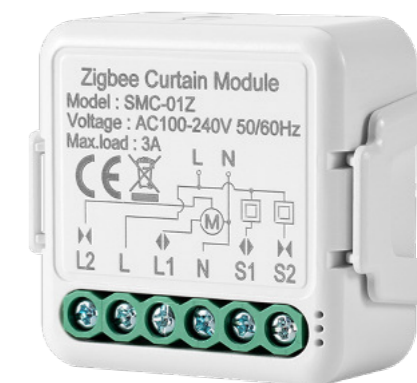


# Curtain Module

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



 amazon alexa  works with 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
Max. load:	600   3A

## Construction

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

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m

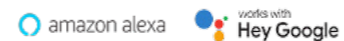
# 1CH Zigbee Switch Module

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



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
Max. load:	300W   16A

Construction	
Color:	White
Dimensions:	39.2 x 39.2 x 18 mm (without mounting clip) 43 x 39.2 x 22.3 mm (with mounting clip)
Casing:	PC
Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

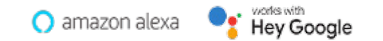
# 2CH Zigbee Switch Module

The most compact zigbee smart switch ever

- 5A** Max. load: 150W per channel | 2x5A
- 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







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
Max. load:	2x150W 2x5A




Construction	
Color:	White
Dimensions:	39.2 x 39.2 x 18 mm (without mounting clip) 43 x 39.2 x 22.3 mm (with mounting clip)
Casing:	PC
Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# 1CH Wi-Fi Switch Module

Transform your switch into a smart remote control

-  **Max. load: 300W | 16A**
-  **Energy usage monitor**
-  **Small size and versatile design**
-  **Scheduled task support**



-  App control
-  Voice control
-  Communicates with other devices







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:	Pairing button
Power supply:	AC 100-240V 50/60Hz
Max. load:	300W   16A

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

-  **Max. load: 150W per channel | 2x5A**
-  **Energy usage monitor**
-  **Small size and versatile design**
-  **Scheduled task support**



-  App control
-  Voice control
-  Communicates with other devices



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
Max. load:	2x150W 2x5A

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

Radio	
Radio protocol:	Wi-Fi 2.4GHz

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# Irrigation Valve 3/4 inch

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

-  **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 year

## Construction






Color:	Green & Black
Dimensions:	170 x 50 x 112 mm

## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# Irrigation Valve 1 inch

Effortless irrigation: Set your own time, let nature thrive

-  **Inlet thread DN25/1 inch**
-  **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 year

Construction	
Color:	White
Dimensions:	120 x 95 x 125 mm

Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m



# Soil Moisture 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 and light detection



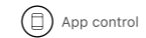
Local smart scene



Built-in high precision sensor



Battery life up to 1 year



App control



Communicates with other devices



## General

Model:	FJKZ007
Platform:	Tuya
Installation:	Plug and play
Sensitive element:	Temperature sensor, humidity sensor and light 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 resolution:	1%
Humidity measurement accuracy:	± 1%
Humidity measurement range:	0 ~ 100%
Battery type:	4 AAA alkaline batteries, 1.5v
Battery life:	Up to 1 year

## Construction




Color:	Green & Gray
Dimensions:	230 x 60 x 60 mm



## Radio

Radio protocol:	Zigbee 3.0
Range (open field):	100 m

# 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

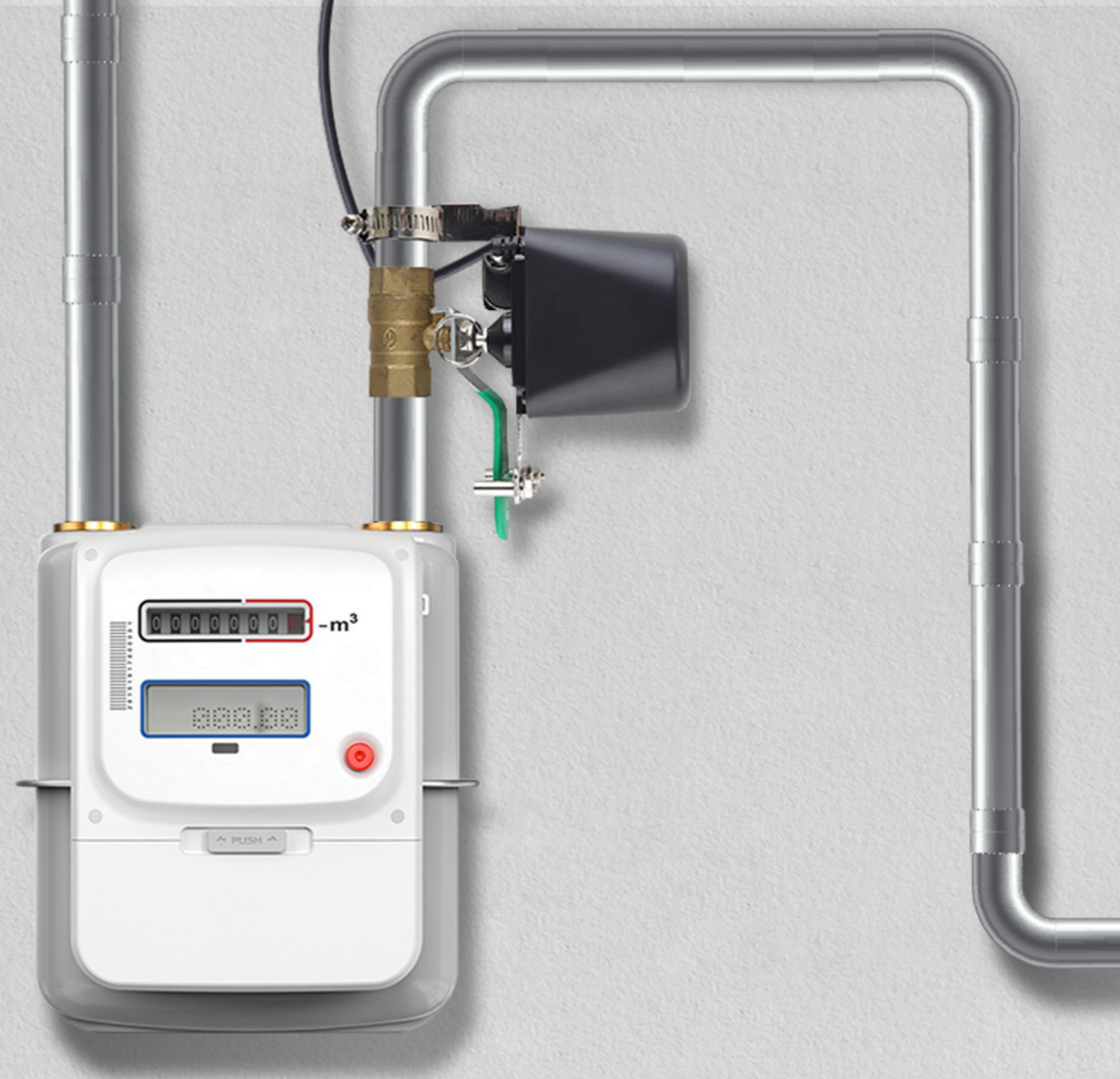


General	
Model:	VC-105
Platform:	Tuya
Operating temperature:	0~45°C
Operating humidity:	5~90%
Valve size:	Max 1.2" inch
Valve pressure:	1.6MPa
Torque:	30-60kg.cm
Button:	Pairing button
Power supply:	DC12V, with power adapter

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

Radio	
Radio protocol:	Zigbee 3.0
Range (open field):	100 m





B103, The Opus By Omniyat, Business Bay, Dubai, UAE

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Website



Instagram

