



Smart Home Catalogue

Jiangsu Wanwu Communication Technology Co., Ltd.

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Home security kit

Sensor/Gateway/Infrared



Detector and Alarm

Infrared/ temperature/gas



Smart Switch

Curtain/light/ceiling fan etc.



Smart Socket

Curtain/light/ceiling fan etc.



Ring Doorbell

Curtain/light/ceiling fan etc.





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PRODUCT DESCRIPTION

Product Name	Zigbee wireless smart home kit (ZigBee home gateway, ZigBee infrared human detector, ZigBee temperature and humidity sensor, ZigBee door/ window sensor)	
Model No.	SM-001	
Brand	OEM/ODM	
Product Image		
Product name	Home Gateway	PIR
Parameter & Feature	Chip: rtl8196e Main frequency: 400MHz Chip architecture: MIPS System: Linux 3.10 Flash: 128Mbit DDR: 256Mbit Wan: 1* 10 / 100M Ethernet port (RJ45 interface) Band: 2.4 ~ 2.485ghz IEEE 802.15.4 Indicator: 1 power indicator, 1 network indicator Key: 1 reset key Adapter: 110V ~ 240V AC, 5V / 1A DC Work Voltage: 1.8V ~ 3.3V Work Temp.: -10-55°C Work Humidity: 10%-90%RH Storage Temp.: -20-60°C Storage Humidity: 5%-90%RH	Module: tyzs2 Battery model: 3V cr2450 Transmission protocol: ZigBee WiFi frequency: 2.4GHz Working voltage: 2.5v-3.3v Working current: average 5mA (ZigBee) Standby current: < 20ua Scope of application: indoor use Detection range: human movement near fixed position Operating temperature: - 10 to 40 °C Relative humidity: 0 to 95% (non condensing) Installation method: paste and fix Sensing distance: indoor 5 ~ 10m (for reference only)



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Product Image		
Product name	Temp. and Humidity Sensor	Door/ Window sensor
Parameter &Feature	Communication mode: ZigBee Size: 61.2x23mm Working temperature: - 10-50°C Power supply: dc3v (AAA * 2 battery) 1. Radio transmitting circuit and coding technology to solve the problem of signal jamming and blocking 2. A variety of temperature modes can be adjusted, suitable for different scenes 3. Wireless transmission of data signals, mobile phone remote monitoring 4. Ultra low power consumption and long battery life 5. It has low voltage monitoring prompt function 6. Send the online report to the host regularly 7. Anti disassembly design in the field of professional safety 8. Split design, high reliability	* Module: TYZS2 * Battery model: 3V CR2032 * Magnet material: N38 * Communication protocol: ZigBee * Working voltage: 2.3V-3.3V * Working current: average 5mA (ZigBee) * Standby current: < 3uA * Scope of application: indoor use * Operating temperature: -20 °C to 60°C * Relative humidity: 0 to 95% * Installation: Paste fixed * Transmission distance: indoor 10~30 meters outdoor 30~50 meters (right for reference)

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Product Name	Wifi/zigbee Tuya Smart temperature and humidity sensor
Model No.	SM-002
Brand	OEM/ODM
Product Image	
Intro.	1. Radio transmitting circuit and coding technology to solve the problem of signal jamming and blocking 2. A variety of temperature modes can be adjusted, suitable for different scenes 3. Wireless transmission of data signals, mobile phone remote monitoring 4. Ultra low power consumption and long battery life 5. It has low voltage monitoring prompt function 6. Send the online report to the host regularly 7. Anti disassembly design in the field of professional safety 8. Split design, high reliability
Parameter	Communication mode: ZigBee Size: 61.2x23mm Working temperature: - 10-505°C Power supply: dc3v (AAA * 2 battery)



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PRODUCT DESCRIPTION

Product Name	Bluetooth 5.0 temperature and humidity sensor with APP	
Model No.	SM-003, SM-004	
Brand	OEM/ODM	
Product Image		
Intro.	1. Real-time temperature and humidity data 2. Send notifications when out of desired settings 3. Desired temperature and humidity settings 4. °C/°F Switching 5. Data chart display 6. 20 days history data storage, data can be exported and shared with others; 7. Temperature and humidity calibration;	
Parameter	Size: 50mm x50mm x15 mm Temperature Range : -20~65°C(-4~150°F) Humidity Range: 0-100%RH Accuracy:Temp:±0.5°C/1 Humidity:±5.0% Wireless Range:Bluetooth 5.0 Free APP Control: Yes Sensor Type: MEMS Materials: ABS Battery Alarm: 1*CR2477 History Memory Time: Every 10 Mins Battery Life: About 1 Year	Size: 40mm x40mm x15 mm Battery: CR2477 3V 1000mAH Working time: About 12 months Wireless: Bluetooth 5.0 Wireless Range: 50m(ideal conditions) Operating Temperature: -20 °C ~ 85 °C (-4 °F ~ 185°F) Operating Humidity: 0% ~ 95% Temperature Accuracy: ±0.3°C / ±0.5°F (typical) 0.5°C / ±0.9°F (max) Humidity Accuracy: ±2% (typical) ±5%(max)



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PRODUCT DESCRIPTION

Product Name	Wifi Smart smoke alarm /smoke detector with APP
Model No.	SM-005,SM-006
Brand	OEM/ODM
Product Image	
Intro.	When a fire occurs, the sensor will sensitively detect the smoke, send an alarm bell, and then push the notice to your smart phone to protect people and property.After triggering, the red LED will flash and emit a loud high volume alarm sound of more than 80dB.
Parameter	Power supply: 2 * LR03 dc3v (excluded) Standby current: $\leq 15\mu\text{A}$ Alarm current: $\leq 160\text{mA}$ Alarm indication: Red LED flashing Sound level: 80dB / M Detection area: 20 square meters Alarm output: WiFi Wireless type: 2.4GHz Protocol: IEEE 802.11b/g/n APP : SmartLife / Tuya Working temperature: - 10 ° C - 50 ° C Working humidity: $\leq 95\% \text{ RH}$



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PRODUCT DESCRIPTION

Product Name	WiFi flammable gas alarm Detector APP
Model No.	SM-007
Brand	OEM/ODM
Product Image	
Intro.	The gas detector is used for gas, which can carry out safety detection and alarm. It is used for combustion, explosion and poisoning caused by natural gas leakage. Sensitive, stable, full gas detection, small volume. When the device detects that the natural thickness reaches 8% LEL, the device will give an alarm and push it. When the app thickness returns to 0%, the application will send this message and close the electric valve LEL, and the device will stop the alarm and return to normal monitoring.
Parameter	Input voltage: DC 5V (micro USB interface) Working current: < 350mA Response time: < 30s Alarm sound: ≥ 85dB Installation type: wall mounted or cubicle type installation Air pressure: 86 × 106kpa Operating temperature: - 10 ° C? 60 ° C Working humidity: < 80% RH, no freezing Product size: about 10.2 * 10.2 * 3.5cm (L * w * h) Product weight: 143g Applications: IOS / Android "Smart Life" or "tuya Smart" app



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PRODUCT DESCRIPTION

Product Name	Zigbee/Wifi Tuya Light Sensor Smart Illuminance Brightness Sensor	
Model No.	SM-008,SM-009	
Brand	OEM/ODM	
Product Image	The image block contains three sub-images: 1. A white rectangular sensor with dimensions 30mm (width), 50mm (height), and 10mm (thickness). 2. A collection of components including a white sensor, a white cable, a white box, and a white card. 3. A white rectangular sensor with dimensions 25mm (width), 25mm (height), and 1.5mm (thickness), labeled 'PRODUCT PARAMETERS'.	
Intro.	1. Easy to install, pasted on the wall, and then connected with the smart switch 2. Sensitive to light. The surrounding is smooth and not easy to bruise. 3. Lighting and brightness sensing linkage, smart home, switch, lamp, socket, motor, etc.	
Mode	Charging Type	Battery Type
Parameter	1. color classification: white light sensor 2. standby power: < 0.5W 3. lighting range: 0-1000lux 4. working temperature: 0-50 °C 5. visual angle: 180 ° 6. working humidity: 20% - 85% 7. storage temperature: 0 ° C-60 ° C 8. product size: 30 * 16 * 58mm 9. color box size: 65 * 65 * 48mm 10. packing quantity: 100pcs per box 11. outer box size: 460 * 270 * 210mm 12. net weight of product: 52g 13. gross weight of product: 62g 14. gross weight of outer box: 6.2kg	Battery model: 3V CR2032 Magnet material: N38 Transmission protocol: ZigBee WiFi frequency: 2.4GHz Working voltage: 2.3v-3.3v Working current: average 5mA (ZigBee) Standby current: < 3ua Scope of application: indoor use Operating temperature: - 20 to 60 °C Relative humidity: 0 to 95% (non condensing) Installation method: paste and fix Indoor transmission distance: 10M ~ 30m



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PRODUCT DESCRIPTION

Product Name	Zigbee/Wifi Wireless Smart Infrared Remote Controller
Model No.	SM-0010,SM-011
Brand	OEM/ODM
Product Image	
Intro.	App control: control infrared devices through Tuya smart or smart life app anytime and anywhere. Turn your household device into smart device to make your life more intelligent and convenient. Compatibility: support almost all infrared control device, and support 38kHz frequency signal learning, including AC, TV box, DVD, infrared electric curtain, etc. It has a large infrared database. Voice control: compatible with Amazon Alexa, used for voice control of TV, TV box, AC and fan by Google home. The device only supports 2.4G WiFi.
Parameter	Power input: DC5V / 1A Infrared frequency: 38kHz Coverage: 360 degrees Wireless standard: WiFi 2.4G 802.11 B/g/n Control mode: APP App support: Android 4.0 / IOS 8.0 above Material: PC / ABS Working temperature: - 10 °C - 50 °C Working humidity: ≤ 85% RH Size: 68 * 68 * 26mm (L * w * h) Weight: 62g / 2.2OZ

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Product Name	APP control Alexa and Google home smart wifi curtain switch
Model No.	SM-012
Brand	OEM/ODM
Product Image	
Intro.	WiFi curtain switches can be used in conjunction with smart curtains, electric doors and other appliances to close curtains at night via phone or Alexa voice control and open curtains in the morning in a warm bed. This touch screen switch supports a maximum power of 2400W and can be used with most intelligent curtains with remote control function. The fireproof ABS material can be safely used in high power equipment in the home. As long as the iOS/Android phone has 3G / 4G/WiFi network, user can open/close the curtain or electric door remotely by using the smart phone through the APP anytime and anywhere, and enjoy the convenience of smart life! Note: 1. This Wi-Fi touch switch needs to be connected to the zero wire. 2. It can only supports 2.4GHz WiFi network, not 5GHz network.
Parameter	Input voltage: 110-240V 50/60Hz Wiring: fire line and zero line Load Current: Max. 10A Power: 600W/GANG (Resistant Load) WiFi standard: 2.4GHz 802.11b/g/n Standby power consumption: 0.5W App name: Tuya Smart/Smart Life Service life: 100,000 operations Size: 86 * 86 * 3mm



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PRODUCT DESCRIPTION

Product Name	Smart Wifi Water Heater Switch
Model No.	SM-013
Brand	OEM/ODM
Product Image	
Intro.	• WiFi remote control: Turn the water heater on/off whenever and wherever possible • App support: free iOS and Android mobile APP (smart living) • Voice control: Use Amazon Alexa, Google Home voice control • Synchronization status: real-time device status provided on the APP • Timing function: Set the pre-order/countdown timer to turn on/off at the specified time
Parameter	Dimensions: 86 * 86 * 34mm (EU), 120 * 76 * 34mm (USA, Australia) • Color: White • Maximum power: 800W/rigid (resistive load) • Power on: AC 100-240V 50/60Hz • Maximum current: 10A/channel • Standby power consumption: ≤0.5W • Wireless standard: 802.11b/g/n • Material: PC V0 fireproof + tempered glass panel



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PRODUCT DESCRIPTION

Product Name	Wifi Smart Light Switch Glass Screen Voice Control Wireless Wall Switch
Model No.	SM-014
Brand	OEM/ODM
Product Image	
Intro.	1: full screen toughened glass 2: Manual touch control, mobile APP remote control, voice control, timing control 3: Compatible with Amazon Alexa and Google Home
Parameter	Power supply: AC 100-250V Maximum current: 10A/channel Maximum power: 2000W/channel Wireless standard: 802.11b/g/n Size: 120 * 76*3mm Security mechanism: WPA-PSK/WPA2-PSK Material: PC V0 fireproof + tempered glass panel WiFi remote control: Turn on/off lights from anywhere App support: Free iOS and Android Phone apps (Smart Living) Voice control: with Amazon Alexa, Google Home voice control Independent control: control each mode separately Synchronized state: The state of the timing device provided on the real APP timing function, with the retention/countdown timer set to turn on/off at the specified time



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PRODUCT DESCRIPTION

Product Name	WiFi APP Remote control smart socket US/EU/UK
Model No.	SM-015,SM-016,SM-017
Brand	OEM/ODM
Product Image	
Intro.	* Remote control *AI voice control * Scene timing * Scene countdown * Scene linkage * Electricity Statistics (optional)
Parameter	Input voltage: AC100-240 - v 50/60 Hz WiFi standard: 2.4 g Hz 802.11 b/g/n Indicator light: indicator switch and distribution network material: PC + ABS Working temperature: - 20 to 50 °C Maximum load current: 16 A(with power) Product size: 49 X 49 X 82 mm Packing size: 56 x 67 x 87 mm weight: 79 g



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PRODUCT DESCRIPTION

Product Name	WIFI Tuya App remote controlled smart UK socket with time setting
Model No.	SM-018
Brand	OEM/ODM
Product Image	
Intro.	App remote control: Manual switch the socket by app while phone and socket are connected to WIFI Timing function: the function of timing in App can set groups of timing (repeated weekly) Online upgrade: When there is a new firmware version, it can be done in APP Intelligence sharing: You can share your device to your families or friends. Voice support :Support Google Home Amazon Alexa/Tmall / IFTTT etc.
Parameter	USB row socket Maximum current 15A Rated voltage AC230V Maximum power 3450W control mode: socket sub-control /USB control USB Output 3.1A Size 229*89*41mm



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PRODUCT DESCRIPTION

Product Name	WIFI 720P Smart Video Doorbell with two way intercom
Model No.	SM-019
Brand	OEM/ODM
Product Image	
Parameter	Low Power Solution: Hays LiteOS Low Power Solution Processor: Hi3518E processor, built-in ARM926Image sensor: 1/4 inch 720p CMOS sensor SNR: $\geq 39\text{dB}$ Lens/viewing Angle: 2.6mm Night vision: 6* 850nmΦ28Mil high-power infrared lamp, night vision 10 meters IR control: IR on night vision function enabled, infrared, ICR automatic detection; Compression standard: H.264 Video encoding processing: multi-code stream: 720P/24fps+VGA/30fps+QVGA/30fps+720P @1fsjpeg capture Input: 1-channel built-in -38dB microphone Output: Built-in speaker (8Ω1W) ' Intercom: two-way voice intercom, with echo elimination Compression standard/bit rate: ADPCM/ 32Kbps Wireless network security: WPS secure encryption Wireless connection: one-click WiFi configuration Video recording: motion detection video, doorbell button trigger video, manual video recording Storage: TF card storage Power supply: battery powered Power consumption: Standby current 120μA Working environment: Working temperature: -10 ~ 50°C, Working humidity <95% Installation method: wall hanging installation Material: ABS plastic Product size: 13.3*7.4*3.5cmProduct weight: about 190g (excluding battery)



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PRODUCT DESCRIPTION

Product Name	WIFI 1080P Smart Video Doorbell with two way intercom
Model No.	SM-020
Brand	OEM/ODM
Product Image	
Features	Support phone local video /Recording Video on demand playback Real-time screenshots of mobile phones/ Screenshots Wake-up Mobile phone、PIR and equipment wakes up Initiative Quick Start System starts in milliseconds Information Push Push within three seconds PIR motion detection Sensitivity adjustable Motion Detection
Parameter	Hi3518E Master Chip Image Sensor 1/4 CMOS 1920*1080P Video H.264 Automatic adaptation adapt to various network environments Two-way voice intercom Built-in speaker /Built-in microphone Viewing Angle 166° /Material: ABS plastic IR-CUT double filter light automatic switching Day And Night Infrared 6*LED 850nm Photo sensitivity 1 Lux Wi-Fi 2.4 GHz,IEEE 802.11b/g/n AP hotspot Connection Broadcast Scan QR code Storage SD card 8G/16G/32G Battery 2* 3.7V6400ma chargeable(8v-24v AC) Power: Working current 190mA/ stand-by current 80uA Power consumption: Standby current 120uA Working environment: Working temperature: -10 ~ 50°C, Working humidity <95% Installation method: door wall hanging installation Product size: 13.3*7.4*3.5cm Product weight: about 190g (excluding battery)



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PRODUCT DESCRIPTION

Product Name	WIFI 720P Smart Video Doorbell
Model No.	SM-021
Brand	OEM/ODM
Product Image	
Features	Wireless connection, ultra-low power consumption, remote active wake up, quick start Use: guest can make video voice call and short video recording, host can know the incoming information without opening the door Wake up mode: doorbell button wake up, PIR human body detection wake up, mobile phone active wake up Alarm push: push rapidly within 1 second Low Power Solution: Hays Lite OS Low Power Solution Number of online users: multiple users watching online at the same time Dynamic domain name: its own dynamic domain name
Parameter	Processor: HI3518E, built-in ARM926@Max.440MHz SNR: >39dB Lens/viewing Angle: Lens Angle is 166° Night vision: double filter automatic switch, 6* 850nm 28M infrared light, night vision 10 meters IR control: IR on night vision function enabled, infrared, ICR automatic detection; IR shuts down night vision function and infrared is always off. ICR is fixed in day vision mode video H264 Main Profile/H.264 Baseline Profile/MPEG/JPEG Baseline Resolution: 1280*720 (optional) Bit rate: CBR/VBR two bit rate control mode and the output bit rate range is 128-4096kbps Input audio: 1 channel built-in -48dB microphone Output: Built-in speaker (8Ω1W) Intercom: two-way voice intercom, with echo elimination



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PRODUCT DESCRIPTION

Product Name	433 Wireless Outdoor waterproof wireless Smart doorbell
Model No.	SM-022
Brand	OEM/ODM
Product Image	
Features	No interference in open areas, wireless distance up to 300 meters, stable signal, built-in signal enhancement antenna. High frequency transmission technology, stronger penetration. Waterproof design, not afraid of wind and rain. Bionic design, comfortable feel. No interference in the open area, wireless distance up to 300 meters, signal stability, indoor distance up to 30-50 meters. 32 ringtone and chord music, 4 volume, loud and adjustable. ABS environmental protection material. Free pairing, free combination Easy installation, no need to open hole wiring
Parameter	Emitter: 7.1*3.9cm Receiver: 8 x 8cm Transmitter voltage: 12V 23A Receiver voltage: 220V AC Wireless distance: about 300M (in the open space) Color: black, white, gold Wireless frequency: 433MHz



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PRODUCT DESCRIPTION

Product Name	433 Wireless Outdoor waterproof wireless Smart doorbell
Model No.	SM-023
Brand	OEM/ODM
Product Image	
Features	No interference in open areas, wireless distance up to 300 meters, stable signal, built-in signal enhancement antenna. High frequency transmission technology, stronger penetration. Waterproof design, not afraid of wind and rain. Bionic design, comfortable feel. No interference in the open area, wireless distance up to 300 meters, signal stability, indoor distance up to 30-50 meters. 32 ringtone and chord music, 4 volume, loud and adjustable. ABS environmental protection material. Free pairing, free combination Easy installation, no need to open hole wiring
Parameter	Host: 11 * 5.5 cm Button: 6 * 5.5 cm Working voltage: 100-240V 50-60HZ AC Operating current: <11mA (220V AC) Wireless distance: about 100M (in the open space) Color: black, white Standby current: <3mA (220V AC)