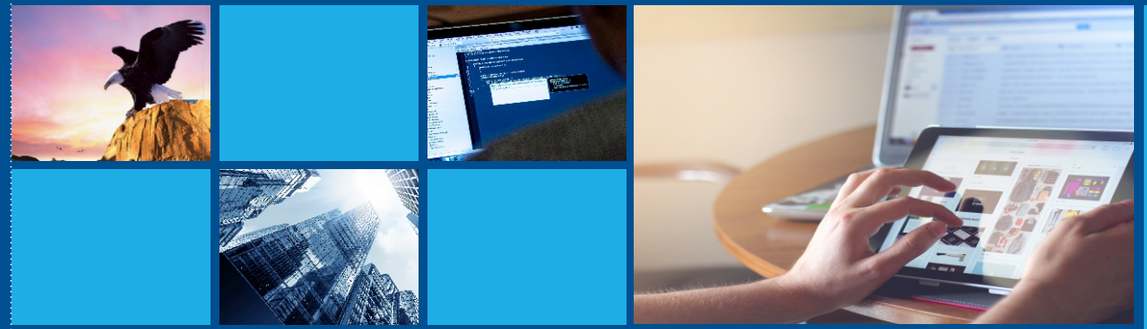


Soan Electronic Technology Co.,Ltd

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PRODUCT BROCHURE

SOAN

Shenzhen . China

Soan Electronic Technology Co.,Ltd





SOAN Electronic Technology Co., Ltd, founded in 2005, have rapidly grown into one of the world's leading suppliers of electronic products. Headquartered in Shenzhen, China, we are a professional high-tech enterprise engaged in electronic products development, manufacturing and marketing.

Our technical founders are well-known experts in the fields of power electronics, automatic control, signal processing, communications, and they hold a lot of patents in their area of expertise. We have profound experiences in innovative products design and development with a number of well-known American companies. Our company covers an area of 2000 square meters, and have more than 100 employees. We offer complete electronic solutions for domestic and foreign customers.

Our main products are: 433mhz/Tuya Zigbee/WiFi alarm system and sensor detectors (including 433mhz/Tuya Zigbee/WiFi water leak sensor, temperature and humidity sensor, smoke sensor, gas sensor, pir sensor, flame detector etc.), pir/microwave sensor switch, and a variety of electronic products design and development service.

COMPANY DIRECTORY

Catalogue

Tuya product series

1 Temperature and humidity monitoring

1-1 Water leak sensor

1-2 Smoke detector

1-3 Local alarm

1-4 Flame detector

1-5 Zigbee product series

3 Server room monitoring alarm

4 Motion sensor switch

5 Microwave sensor switch

5-1 Pir sensor switch

5-2

Tuya product series - PIR Motion Detector

SNT942W

Tuya WiFi Pir+microwave Motion Alarm



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

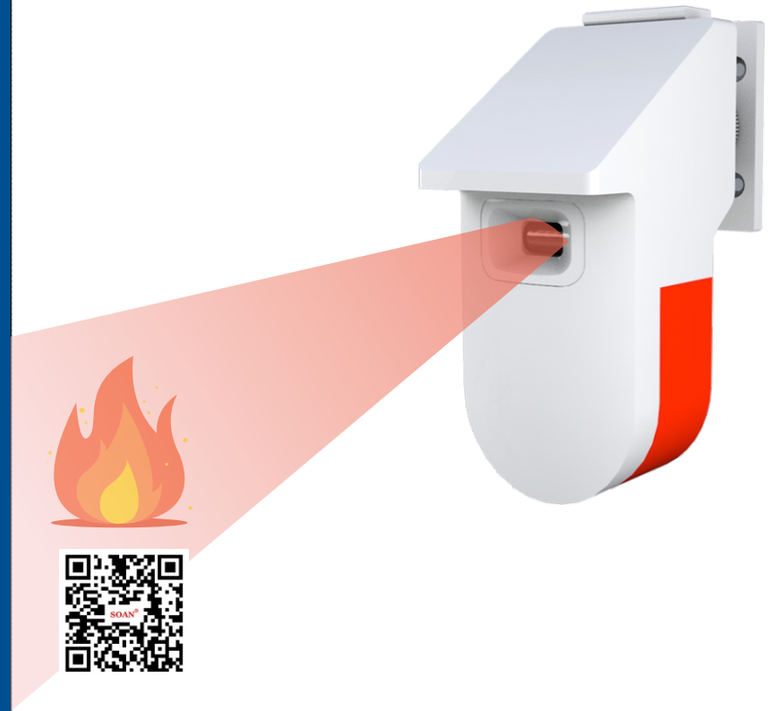
Parameter

- Working voltage: 5A/1A Built-in battery: 3.7V
- Detection range: 9m
- Battery standby time: 120 days per charge
- Installation height: 1-1.5m
- WIFI band: 2.4G
- Standby current: 25uA
- Alarm current>80mA
- Alarm volume: 100db (4 levels adjustable)
- Working temperature: -15~50°C
- Number of ringtone: 33
- Size: 60*68*130mm

Tuya product series -- UV Flame Detector

SNT918W

Tuya WIFI UV Flame Detector



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting when flame detected
- Remotely check the sensor state and history on APP

Parameter

- Working voltage: 5V1A
- Rated power: 0.2W
- Detection distance: >10 meters (10cm*10cm area visible flame)
- Installation height: 1.5m - 3m
- WIFI Band: 2.4G
- Indoor use only
- Normal: red led flashes once every 7s
- Alarm: red led stays on
- Working temperature humidity: -10°C-60°C ⩽95%RH
- Spectral response range: 180nm~ 290nm
- Dimension: 130mm*59mm*67mm

Tuya product series - PIR Motion Detector

SNT942W
Tuya WiFi Pir Motion Alarm



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Working voltage: 5A/1A Built-in battery: 3.7V
- Detection range: 9m
- Battery standby time: 120 days per charge
- Installation height: 1-1.5m
- WIFI band: 2.4G
- Standby current: 25uA
- Alarm current>80mA
- Alarm volume: 100db (4 levels adjustable)
- Working temperature: -15~50°C
- Number of ringtone: 33
- Size: 60*68*130mm

Tuya product series - WIFI Gas Leak Alarm

SNT961W
Tuya WIFI Gas Leak Alarm



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Power: AC85 --220V Plug and play (US, EU plug available)
- Detect combustion gas (natural gas, LPG gas, CH4)
- High quality and very lasting gas sensor inside
- with voice alert 3 levels: low/middle/high;

Low: 1500PPM 3%LEL Middle: 3500PPM 7%LEL High: 5000PPM 10%LEL)

- Rated power ⩽1w
- Working environment Temperature: 0°C~55°C Humidity: ⩽95%
- Alarm method: siren/led flash/APP notification
- APP detecting interval: 10s/time
- Alarm sound: 85dB

Sensor doorbell with voice alarm

SN942V

Sensor doorbell with voice alarm



Features

- Real time alarm on the spot
- Long range detection
- high sensitive

Parameter

- Working voltage: 5A/1A Built-in battery: 3.7V
- Detection range: 9m
- Battery standby time: 120 days per charge
- Installation height: 1-1.5m
- WIFI band: 2.4G
- Standby current: 25uA
- Alarm current>80mA
- Alarm volume: 100db (4 levels adjustable)
- Working temperature: -15～50°C
- Number of ringtone: 33
- Size: 60*68*130mm

Remote Control PIR and Microwave Local Alarm

SN942V-RF

Remote Control PIR and Microwave Local Alarm



Features

- If a moving vehicle/human body/ animal is detected, the siren/ doorbell/ring will sound on site (33 ringtones are optional)
- The remote control is about 30 meters away (in the open space) and the alert can be turned on/off at any time
- Built-in microwave detector + infrared detector, low false alarms

Parameter

- Working voltage: 5A/1A Built-in battery: 3.7V
- Detection range: 9m
- Battery standby time: 120 days per charge
- Installation height: 1-1.5m
- WIFI band: 2.4G
- Standby current: 25uA
- Alarm current>80mA
- Alarm volume: 100db (4 levels adjustable)
- Working temperature: -15～50°C
- Number of ringtone: 33
- Size: 60*68*130mm

4G remote control switch

SNT622GEU
4G remote control switch



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Remotely check the sensor state on APP

Parameter

- 110/220v input
- 3 relays with output power of 10A for each
- Inching/linkage/interlock app setting
- Timing/countdown/time control

WiFi Presence Sensor

SNT612W
WiFi Presence Sensor



Features

- APP real-time control
- Scenario mode: Set linkage with other tuya products

Parameter

- 110/220v input
- 110/220v output
- Illumination detection, output time adjustable

Tuya product series-Tuya WiFi Temperature and Humidity Alarm

SNT957W-DE

Tuya WiFi Temperature and Humidity Alarm



Features

- The product and app displays the current temperature and humidity value in real time.
- The detector would alarm and send notification to the user app when the temperature humidity goes above or below the preset value.
- Temperature humidity history query -able and could be exported to email.
- Set linkage to other tuya device

Parameter

- Input power: DC5V1A Adaptor
- Built-in Battery: 3.7V 600mAH
- Battery standby time: around 6 hours
- Standby current≤25uA
- Working Temperature: -40—120℃
- Working Humidity: 0%—99%RH (Non-condensation)
- Detection accuracy: ±0.5℃ 1%RH
- Detection error: ±1℃ ±3%RH
- Alarm volume: 80db
- Dimension: 77.8mm in diameter; 20.8mm in thickness

Tuya product series-Tuya WiFi Temperature and Humidity Alarm

SNT951WD

Tuya WiFi Temperature and Humidity Alarm



Features

- The product and app displays the current temperature and humidity value in real time.
- The detector would alarm and send notification to the user app when the temperature humidity goes above or below the preset value.
- Temperature humidity history query -able and could be exported to email.
- Set linkage to other tuya device

Parameter

- Input power: DC5V1A Adaptor
- Built-in Battery: 3.7V 600mAH
- Battery standby time: around 6 hours
- Standby current≤25uA
- Working Temperature: -40—120℃
- Working Humidity: 0%—99%RH (Non-condensation)
- Detection accuracy: ±0.5℃ 1%RH
- Detection error: ±1℃ ±3%RH
- Alarm volume: 80db
- Dimension: 90mm X 63mm X 25mm

Tuya product series-Big screen WIFI temperature humidity alarm

SNT956W

Big screen WIFI temperature humidity alarm



Features

- The product and app displays the current temperature and humidity value in real time.
- The detector would alarm and send notification to the user app when the temperature humidity goes above or below the preset value.
- Temperature humidity history query -able and could be exported to email.
- Set linkage to other tuya device

Parameter

- Input power: DC5V2A Adaptor
- Standby current≤25uA
- Working Temperature: -40—120℃
- Working Humidity: 0%—99%RH (Non-condensation)
- Detection accuracy: ±0.5℃ 1%RH
- Detection error: ±1℃ ±3%RH
- Outer shell: industrial grade aluminium alloy metal
- Dimension: 365mm X 150mm X 22mm

Tuya product series-Tuya WiFi Temperature and Humidity Alarm

SNT951WD

LCD display WIFI temperature humidity alarm



Features

- The product and app displays the current temperature and humidity value in real time.
- The detector would alarm and send notification to the user app when the temperature humidity goes above or below the preset value.
- Temperature humidity history query -able and could be exported to email.
- Set linkage to other tuya device

Parameter

- Input power: DC5V1A Adaptor
- Built-in Battery: 3.7V 600mAH
- Battery standby time: around 6 hours
- Standby current≤25uA
- Working Temperature: -40—120℃
- Working Humidity: 0%—99%RH (Non-condensation)
- Detection accuracy: ±0.5℃ 1%RH
- Detection error: ±1℃ ±3%RH
- Alarm volume: 80db
- Dimension: 98mm X 98mm X 25mm

Tuya product series-Tuya WiFi Water Leak Detector

SNT921W
Tuya WiFi Water Leak Detector



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Power supply: 5V 1A USB
- Battery: Rechargeable 3.7V 500mAH
- Static current: ⩽25uA
- Alarm current: ⩽80mA
- WIFI band: 2.4G
- Working temperature: -10-50°C
- Working humidity: max.95%RH
- Alarm volume: 60db
- Battery standby time: one year above

Tuya product series-Tuya WiFi Water Leak Detector (sensor rope type)

SNT921W
Tuya WiFi Water Leak Detector
(sensor rope type)



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Power supply: 5V 1A USB
- Battery: Rechargeable 3.7V 500mAH
- Static current: ⩽25uA
- Alarm current: ⩽80mA
- WIFI band: 2.4G
- Working temperature: -10-50°C
- Working humidity: max.95%RH
- Alarm volume: 60db
- Battery standby time: one year above

Tuya product series-Tuya WiFi Smoke Detector

SNT911W
Tuya WiFi Smoke Detector



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Battery: 3V1350mAH 2pcs CR123
- Standby current:⩽25uA
- WIFI Band: 2.4G
- Smoke detection range: 0.0002%m/obs -800.0000%m/obs
- Working temperature: -5-50°C
- Working humidity <90%RH (Non-condensation)
- Alarm sound: 85db

Tuya product series-Tuya WiFi Smoke Detector

SNT912W
Tuya WiFi Smoke Detector



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Built-in battery: 3V 1350mAH
- Standby current:⩽25uA
- WIFI Band: 2.4G
- Smoke detection range: 0.0002%m/obs -800.0000%m/obs
- Working temperature: -5-50°C
- Working humidity <90%RH (Non-condensation)
- Alarm sound: 85db

Tuya product series-Tuya smart WiFi Door Sensor

SNT931W

Tuya smart WiFi Door Sensor



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Power supply: 5V 1A USB
- Battery: Rechargeable 3.7V 500mAH
- Static current: ⩽5uA
- Alarm current: ⩽130mA
- WIFI band: 2.4G
- Working temperature: -10-50°C
- Working humidity: max.95%RH
- Alarm volume: 60db
- Battery standby time: one year above

Tuya product series-Tuya Smart wifi Strobe Siren

SNT001W

Tuya Smart wifi Strobe Siren



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Power: DC5V1A Adaptor
- Built-in Battery: 3.7V 600mAH
- Wireless accessory frequency: 433MHz
- Working temperature: -20—80°C
- Siren sound time: 0—120S adjustable
- Horn level: 85db

Tuya product series-Zigbee Temperature and Humidity Alarm

SNT852Z

Zigbee Temperature and Humidity Alarm



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Power supply: 5V 1A power supply
- Battery: Rechargeable 3.7V 500mAH
- Static current: ⩽25uA
- Working Temperature: -20-100℃
- Working Humidity: 0%—99%RH (Non-condensation)
- Detection accuracy: ±0.5℃ 1%RH
- Detection error: ±1℃ ±3%RH
- Alarm volume: 80db

Tuya product series-Zigbee Temperature Alarm

SNT852Z_T

Zigbee Temperature Alarm



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP
- The sensor could be put into water

Parameter

- Power supply: 5V 1A power supply
- Battery: Rechargeable 3.7V 500mAH
- Static current: ⩽25uA
- Working Temperature: -20-100℃
- Detection accuracy: ±0.5℃
- Detection error: ±1℃
- Alarm volume: 80db



Tuya product series-Tuya Zigbee Pir Motion Detector

SNT842Z

Tuya Zigbee Pir Motion Detector

zigbee

Powered by tuya Intelligence Inside



Features

- APP real time control
- Scenario mode, Set linkage with other tuya products
- Real-time reporting
- Remotely check the sensor state and history on APP

Parameter

- Working voltage: 5A/1A Built-in battery: 3.7V
- Detection range: 9m
- Battery standby time: 120 days per charge
- Installation height: 1-1.5m
- WIFI band: 2.4G
- Standby current: 25uA
- Alarm current>80mA
- Alarm volume: 100db (4 levels adjustable)
- Working temperature: -15~50℃
- Number of ringtone: 33
- Size: 60*68*130mm

Tuya product series-Tuya WiFi Zigbee Gateway

SNT008Z

Tuya WiFi Zigbee Gateway



Features

- The gateway is the brain of the zigbee system; it could remotely manage and control up to 128 zigbee devices on one APP, including: zigbee door sensor, zigbee motion detector, zigbee smoke/gas detector, zigbee socket/switch, camera, etc.
- Wifi/Zigbee in one: Wifi remote control; local zigbee controls even if wifi fails.

Parameter

- Power supply: AC85—220V plug and play
- WIFI Band: 2.4G
- Transmitting power: WIFI 20dbm Zigbee 10dbm (max 19dbm)
- Antenna gain: 2.2dbi
- Wireless technology: WIFI 802.11 b/g/n; Zigbee 802.15.4

Server Room Temperature Humidity Monitoring Alarm

SN6200GJ

Server Room Temperature Humidity Monitoring Alarm



Features

- Call and text user when the temperature and humility goes above or below your preset value
- Send text to check the temperature and humility in real time
- Up to 6 authorized phone numbers programmable
- 4 relay outputs to control other devices when it alarms
- Work with other wired/wireless device, like PIR motion sensor, smoke detector, gas sensor, water flood sensor, etc. to consist a complete alarm system
- Remote arm/disarm/listen in

Parameter

- Power adaptor: 5V DC/2A
- Built-in Battery: 4.2V 1000MAH rechargeable backup for 24 hours
- Support: 16pcs remote, 12pcs detectors
- Compatible encoding: 433mhz PT2262/EV1527v
- GSM frequency: 850/900/1800/1900mhz

4G + WIFI Alarm System

SNT002W(4G + WIFI)
4G + WIFI Alarm System



Features

Parameter

- Power adaptor: 5V DC/1A
- Built-in Battery: 3.7V 1000MAH rechargeable backup for 12 hours
- Compatible encoding: 433mhz PT2262/EV1527
- GSM frequency: 850/900/1800/1900mhz
- WiFi band: 2.4G (do not support 5g)

Local Alarm System with Strobe

SN2400J
Local Alarm System with Strobe



Features

- Support 4 remotes, 8 wireless sensors and 1 wired sensor
- Local high decibel alarm with strobe
- Upper and lower limit setting, alarm when temperature humidity goes above or below it

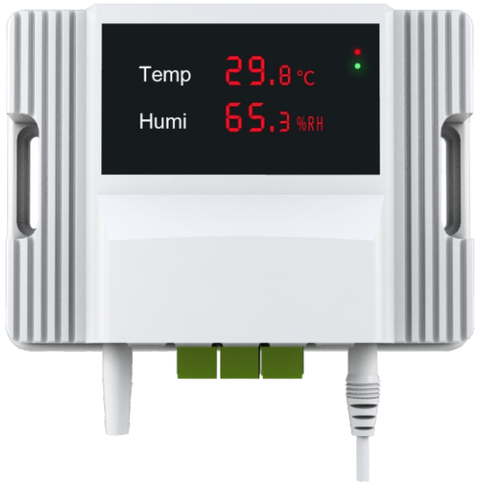
Parameter

- Power supply: 12v 500ma
- Built-in battery: 9v
- Receiving frequency: 433mhz
- Alarm volume: 100db
- Standby power: 0.1W

Server Room Temperature Humidity Monitoring Alarm

SN6900

Server Room Temperature Humidity Monitoring Alarm



Features

- Call and text user when the temperature and humility goes above or below your preset value
- Send text to check the temperature and humility in real time
- Up to 6 authorized phone numbers programmable
- 4 relay outputs to control other devices when it alarms
- Work with other wired/wireless device, like PIR motion sensor, smoke detector, gas sensor, water flood sensor, etc. to consist a complete alarm system
- Remote arm/disarm/listen in

Parameter

- Power adaptor: 5V DC/2A
- Built-in Battery: 4.2V 1000MAH rechargeable backup for 24 hours
- Support: 16pcs remote, 12pcs detectors
- Compatible encoding: 433mhz PT2262/EV1527v
- GSM frequency: 850/900/1800/1900mhz

RS485 Location water leak detection controller

RS485 Location water leak detection controller



Features

- Standard industrial Modbus protocol
- Switch signal output to trigger other device
- Leakage location display and cable disconnection alarm
- Guide rail installation

Parameter

- Controller memory: 32pcs leakage alarm event logs
- Maximum length of the cable: 800m
- Accuracy: 0.5%±0.5m of Sensor cable's length
- Storage temperature: -40 °C~60 °C (0 °F~140 °F)
- Working temperature: 20 °C~50 °C (32 °F~122 °F)
- Humidity: 5% - 95%(no condensation)
- Power: DC 12~24V, 3W
- Communication protocol: MODBUS RTU
- Serial interface: RS-485 double wire network, the baud rate can be set

Non-locating water leak detection rope

Non-locating water leak detection rope





Features

- Various lengths optional
- High-quality environmentally friendly materials, wear-resistant
- Fully compatible with 99% of water leakage alarm hosts on the market
- Highly sensitive, alarm when touching water

Parameter

- Diameter: 6mm
- Abrasion resistance > 65 cycles
- Maximum continuous operating temperature: 75° C
- Carrier rod: Fluoropolymer Breaking strength: 72kg
- Sensing wire: 2*26AWG (American Wire Gauge) with conductive fluoropolymer sheath
- Detecting wire external resistance: 4 ohms
- Drying time: The cable is removed from the static water and dried and reset within 15 seconds

Locating water leak detection rope

SJ008-4P

Locating water leak detection rope





The cable needs to work with controller

Features

- Accurately locate leakage locations
- High-quality environmentally friendly materials, wear-resistant
- Fully compatible with 99% of water leakage alarm hosts on the market
- Highly sensitive, alarm when touching water

Parameter

- Diameter: 6mm
- Abrasion resistance > 65 cycles
- Maximum continuous operating temperature: 75°C
- Carrier rod: Fluoropolymer B
- reaking strength: 72kg
- Sensing wire: 2*26AWG (American Wire Gauge) with conductive fluoropolymer sheath
- Detecting wire external resistance: 4 ohms

Smart Microwave Sensor Switch

KG001-220V-M

Smart Microwave Sensor Switch





Features

- Delay timer adjustable
- Detection range adjustable
- All day/night working mode optional
- Easy ceiling mount

Parameter

- Voltage: 220-240V (100-130V, need to be customized)
- Frequency: 50/60Hz
- Installation method: indoor, ceiling installation
- HF system: 5.8GHz CW radio wave, ISM band
- Transmitting power: less than 10mW
- Load power: 1200W (220-240V)
- Detection angle: 360°
- Distance: 1-8m (radius) adjustable
- Delay timer: 8 seconds to 12 minutes
- Light control illuminance: 2—2000LUX
- Adjustable method: knob

Smart Microwave Sensor Switch

KG001-220V-MD

Smart Microwave Sensor Switch





Features

- Delay timer adjustable
- Detection range adjustable
- All day/night working mode optional
- Easy ceiling mount

Parameter

- Voltage: 220-240V (100-130V, need to be customized)
- Frequency: 50/60Hz
- Installation method: indoor, ceiling installation
- HF system: 5.8GHz CW radio wave, ISM band
- Transmitting power: less than 10mW
- Load power: 1200W (220-240V)
- Detection angle: 360°
- Distance: 1-8m (radius) adjustable
- Delay timer: 8 seconds to 12 minutes
- Light control illuminance: 2—2000LUX
- Adjustable method: slip switch