



Ligthing your **Smart** **Life**

www.articfiberoptic.com

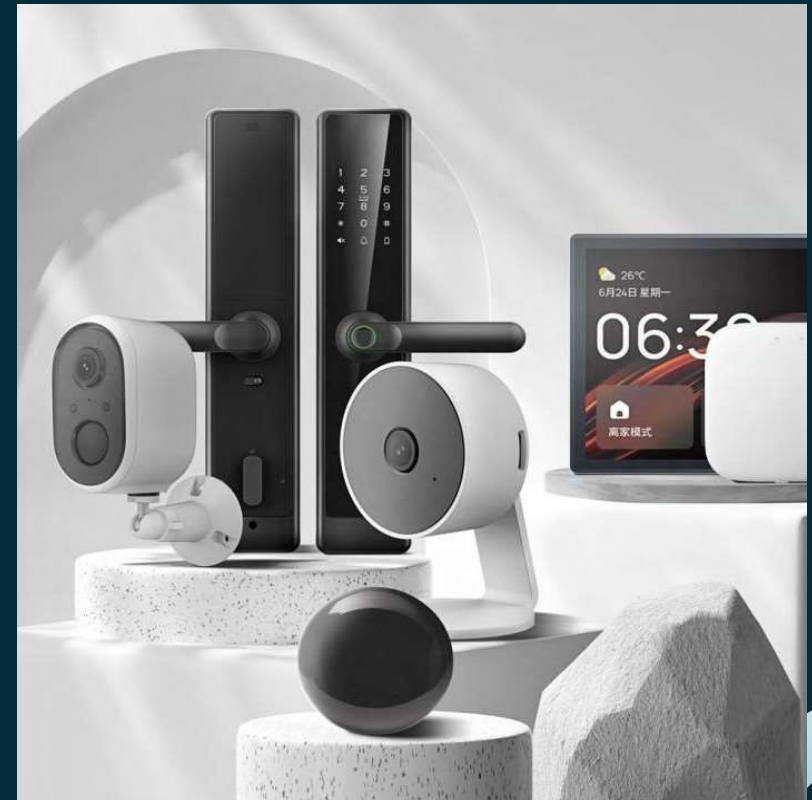


Lighting your Smart Life

IoT PRODUCT CATALOGUE

Smart life, smart living

Product Brochure





Contents

1. Smart Control Pannel
2. Camera and Door Lock
3. Smart Gateway
4. Smart Sensor
5. Smart Electrical Products
6. Smart Lighting Products
7. Smart Wearable and Personal Care Health
8. Smart Travel





Smart Control Panel



Lighting your **Smart Life**

Specification

Screen size: 3.5 inch, 480*320
 Operating system: OS 5.0 (Base on Linux kernel)
 Protocol: Wi-Fi | Sigmesh | IR Gateway; Built-in Bluetooth Mesh&IR gateway
 Button: 3-gang button/relay
 Interaction mode: Touch screen | Button | Voice | APP
 Installation: EU base | wall mounted | 100~240VAC



Smart Control Panel Mini



Screen and buttons, use whichever you want



Support more than 110 device categories



Built-in Bluetooth Mesh & IR gateway, supports all types of Bluetooth Mesh&IR devices



Supports direct unlocking and video streaming on screen

TPA08-M3

Smart Control Panel Pro

- Built-in Zigbee, Bluetooth Mesh gateway, directly connected to sub-devices, control is faster
- Multi-modal interaction, it is a touch screen and Alexa voice assistant
- Built-in two inner speaker and supports two wired speaker expansion

Specification

Screen size: 8-inch, 1280*800
 Uplink Protocol: Wi-Fi (2.4G & 5G), Ethernet Gateway; Zigbee & Bluetooth Mesh gateway
 System: Android
 Mic: 2 pcs
 Speaker: 2*2W inner speakers & 2* wired speakers
 Relay: 2 gang
 Power Supply: AC100~240V
 Product size: 127.5*233.5*38mm
 Voice: Alexa built-in
 Installation: Wall mounted



Specification

Screen size: 2.4 inch, 240*320
 Operating system: OS 5.0 (Base on Linux kernel)
 Protocol: Wi-Fi | IR | Bluetooth
 IR Control: Built-in IR
 IR Category: TV | STB | TV Box | AC | Fan | Light Audio | Projector | DVD | Camera | Water Heater
 Interaction mode: Touch screen | Physical buttons

Z1

Mobile Control Panel Z1

- Tuya Handheld Control Screen – Intelligent Control at Your Fingertips
- Infrared Smart Remote, Full Home Control
- Tuya Smart Platform, Unlimited Connectivity
- High-Definition Touch Screen, Instant Operation
- Convenient Handheld Design, Control Anytime, Anywhere
- Long-Lasting Battery, Peace of Mind Usage



Smart Control Panel Series



TPA04-M2

Smart Control Panel S

- All-in-one Smart Touch
- Multi-mode Gateway
- Tap-to-run and Group Control
- Easy to Install and Deploy

Specification Screen Size: 4 inch, 480*480
Uplink Protocol: 2.4G Wi-Fi
Gateway: Zigbee, Bluetooth Mesh
System: Android
Power Supply: AC100-240V
Product Size: 88*88*10.5mm (Without base) 88*88*36.2mm (With base)
Installation: EU base, wall mounted



TPP05-Z(US)

Smart Control Panel L

- Built-in Zigbee & Bluetooth Mesh gateway, directly connected to sub-devices, control is faster
- Multi-model interaction, it is a touch screen and Alexa voice assistant

Specification Screen size: 5 inch, 480*854 Uplink Protocol: Wi-Fi (2.4G & 5G)
Ethernet
Gateway: Zigbee
System: Linux
Mic: 2pcs
Speaker: 2*1.5W
Relay: 2 gang
Power Supply: AC100-240V
Product size: 72*127.3*10.5mm(base excluded)
72*127.3*36.5mm(base included)
Voice: Alexa Built-in
Installation: US base, wall mounted

Specification

Model: TPP01-Z(EU)
Screen size: 4 inch, 480*480
Uplink Protocol: 2.4G
Wi-Fi Gateway: Zigbee, Bluetooth Mesh
System: Linux
Voice: Alexa Built-in
Mic: 2pcs
Speaker: 1*1W
Power Supply: AC100-240V
Product size: 88*88*10.5mm (without the base)
88*88*36.2mm (with the base)
Installation: EU base, wall mounted



TPP01-Z(EU)

Smart control panel S



Support for almost all devices in the Tuya ecosystem



AI voice interaction, "Alexa" smart housekeeper



Customize intelligent home scenes and freely switch scene modes



Replacement Zigbee gateway to connect 100+ sub devices

Smart Control Panel MAX Series

TPA10-M2U

Smart Control Panel MAX



- Multi-modal interaction, support touch, button and App control
- Built-in multi-mode gateway, directly connected to Bluetooth and Zigbee sub-devices
- One screen to control the whole family, view and control all devices in the home at any time
- Integrated ultra-clear camera, easily initiate video calls and realize multi-screen interaction
- *One click to build intercom with outdoor station, talk and unlock conveniently*

Specification

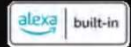
Screen size: 10.1 inch, 1920*1200 FHD Uplink
 Protocol: 2.4G Wi-Fi, Ethernet
 Gateway: Zigbee, Bluetooth
 Other interface: RS485
 System: Android
 Memory: RAM 2GB, ROM 8GB
 Camera resolution: 5MP
 Mic: 2pcs Speaker: 2*1.8W
 Sensor: temperature and humidity
 Relay: 2 gang
 Power Supply: 12V2A
 Product size: 259*161*39mm (base part not included)
 259*161*39mm (base part included)
 Installation: US base, wall mounted



Specification

Screen size: 10.1 inch, 1920*1200 FHD
 Uplink Protocol: 2.4G Wi-Fi
 Gateway: Zigbee, Bluetooth (Mesh & Bluetooth LE)
 System: Android Camera resolution: 5MP
 Sensor: temperature and humidity
 Power Supply: 12V2A

(USB Type-C, power line not included)
 Product size: 259*161*39mm (base part not included)
 259*161*39mm (base part included)
 Installation: EU base, wall mounted



TPA10-M2E

Smart Control Panel MAX



Multi-modal interaction, support touch, button and App control



One screen to control the whole family, view and control all devices in the home at any time



Built-in multi-mode gateway, directly connected to Bluetooth and Zigbee sub-devices



Integrated ultra-clear camera, easily initiate video calls and realize multi-screen interaction

Smart Control
Panel

**Camera &
Door Lock**

Smart
Gateway

Smart
Sensor

Smart Electrical
Products

Smart Lighting
Products

Smart wearable and
Personal Care Health

Smart
Travel

2

Camera & Door Lock



Lighting your **Smart Life**

Smart IP Camera Series



SC106-WL3

Cube Camera

- HD 3 million real pixels, 102 degrees wide Angle lens
- AI power, supporting human form detection, pet detection, cry detection, abnormal sound detection and other intelligent algorithms

Specification

1/3" Image Sensor
Display Resolution: 2304*1296
4mm Focal Length
10m IR Distance
H.264/MJPEG
Image Compression
Support 2-way audio
TF Card Storage: 128GB max
Power Adapter: DC 5V/1A



SC116-W24

P&T Camera

- 4 million pixels, 102 degrees wide Angle lens
- AI power, supporting human form detection, pet detection, cry detection, abnormal sound detection and other intelligent algorithms

Specification

1/3" Image Sensor
Display Resolution: 1920*1080/2560*1440
4mm Focal Length
10m IR Distance
H.264/MJPEG Image Compression
Support 2-way audio
TF Card Storage: 128GB max
Power Adapter: DC 5V/1A



SC185-WQ3

2K Battery Camera

- 2K crystal clear picture quality
- 100% True wireless, no wiring required
- Push notification when detecting Human
- Compatible for solar panel

Specification

2K HD Video, Resolution 2304*1296
3.3mm Fixed Lens, FOV 120°(D)
Support Bluetooth LE+Wi-Fi & Siren Alarm
Support Spotlight & Color Night Vision
Support Human/PIR Detection & Area Settings
Built-in 5200mAh Lithium Battery, IP65 Design



SC318-WBA2

P&T Camera with Screen

- Built-in 2.8 inch Screen
- Support Two-Way Video Talk
- Push notification when detecting Human

Specification

2MP HD Video
2.8mm Fixed Lens, Support Night Vision
Support Two-Way Video Call, 2.8 inch Screen
Support AI Human/Sound Detection
Support Smart Tracking



SF254-WC2

Smart Bird Feeder

- Excellent Night Vision with 120° Wide FOV
- Support Bird Detection & Squirrel Detection and Drive
- Built-in 3w Solar Panel
- Wood Bird Cage (Red Cedar)

Specification

2MP HD Video, Resolution 1920*1080
2.5mm Fixed Lens, FOV 144°(D)
Support Bird Detection & Squirrel Detection
Support 10000+Bird name recognition (not included)
Built-in 5200mAh battery, IP65 Design
Built-in 3w Solar Panel
Wood Bird Cage (Red Cedar), 3L Storage
Capacity for Bird Food

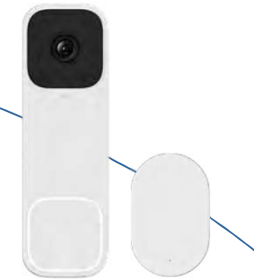
Specification

2K HD Video, Resolution 1536*2048
2.5mm Fixed Lens, FOV 170°(D)
Support Motion/Human/Package Detection
Built-in 5200mAh Lithium Battery, IP65 Design
Digital Chime (included) & Function Setting by APP
Support Bluetooth LE + Wi-Fi & Tamper Alarm
AC 8-24V Power Supply

SC162-WCD3

2K Video Doorbell

- Indoor loud-volume chime linked with outdoor doorbell
- See the visitor from head to toe with big FOV
- Push notification when detecting Human & Package



Smart Control Panel

Camera & Door Lock

Smart Gateway

Smart Sensor

Smart Electrical Products

Smart Lighting Products

Smart wearable and Personal Care Health

Smart Travel

Smart door lock series

H01B-TYBA

Elegant Smart Handle

- Connect Your Lock to Wi-Fi Network and Control it Anywhere by App
- Simplified Appearance design, suitable for all doors and scenes

Specification

Mechanical Keys Power: 4*AA+USB Charger
 Batteries Life Span: About 10000 times
 Working Temperature: -20-55°C
 Data Users: PIN Code 10, Cards 200
 Door Thickness: 35-65mm
 Support more thicker doors with special accessories
 Applications: Wooden Doors, Security Doors
 Mortise Standard: 5572

Specification

Mechanical Keys Power: 4*AA+USB Charger
 Batteries Life Span: About 5000 times
 Working Temperature: -20-50°C
 Data Users: PIN Codes 50
 Cards 50 Fingerprint 100
 Door Thickness: 35-60mm
 Application: Wooden Doors
 Mortise: 60/70mm US Latch bolt

H13

Elegant Smart Handle

- Tuya App / Fingerprint / PIN Code / RFID Cards / Mechanical Key



Specification

Mechanical Keys Power: 4*AAA+USB Charger
 Batteries Life Span: About 5000 times
 Working Temperature: -20-55°C
 Data Users: PIN Code+Cards 100
 Door Thickness: 35-65mm
 Support more thicker doors with special accessories
 Applications: Wooden Doors, Security Doors, Double-side Doors, Aluminum Framed Glass Doors
 Mortise Standard: 3585

S01B-TYBA

Smart DoorLock

- Screw slide design, Fit all Lock Body Sizes, No Need Extra Re-drill
- Ultra-Slim 38mm, Wi-Fi Door Lock
- Application, Suitable for All Mortises and Doors
- Multiple Ways to Unlock
- 38mm Lock for XingFa Aluminium Door



A250

Elegant Smart Handle

- Tuya Smart Digital Fingerprint Lock
- Work with proximity card
- Aluminum alloy panel/handle
- Black oxidation treatment
- Available for 6085, 5572 mortise or single latch

Specification

9pcs/CTN
 (62.5x37.5x38.5mm)
 Foam packing
 One lock one box
 Weight: 2.0KG/pcs
 5572# Mortise standard
 Support 5572 Mortise
 6085 Mortise



Specification

Mechanical Keys Power: 4*AA+USB Charger
 Batteries Life Span: About 5000 times
 Working Temperature: -20-50°C
 Data Users: PIN Code+Cards+Fingerprint 100
 Door Thickness: 35-60mm
 Application: Wooden Doors
 Mortise: 5072, 6085

H6

Elegant Smart Handle

- Tuya App
- Fingerprint
- PIN Code
- RFID Cards
- Mechanical Key



Smart Control
Panel

Camera &
Door Lock

**Smart
Gateway**

Smart
Sensor

Smart Electrical
Products

Smart Lighting
Products

Smart wearable and
Personal Care Health

Smart
Travel

3

Smart Gateway



Lighting your **Smart Life**

Smart Gateway



TYGWZB-01N

Wireless Multi-mode Gateway

- Ultimate Price-to-Performance Home Gateway
- Versatile connectivity includes Zigbee, Bluetooth Mesh, and Beacon Mesh
- Empowering local automation, Unfazed by external network disconnection

Specification

Uplink communication: Wi-Fi
Downlink communication: Zigbee, Bluetooth LE, Bluetooth Mesh, Beacon Mesh
Max connection: 128
Power input: 5VIA
Size: 62*62*15mm
Product net weight: 30g Working temperature: -10~45°C
Working humidity: 10%-90%RH
Storage temperature: -20°C~60°C
Storage humidity: 5%-90%RH



TYGWBS-02N

Wireless Bluetooth Gateway

- Ultimate Price-to-Performance Home Gateway
- Versatile connectivity includes Bluetooth Mesh, and Beacon Mesh
- Empowering local automation, Unfazed by external network disconnection

Specification

Uplink communication: Wi-Fi
Downlink communication: Bluetooth LE, Bluetooth Mesh, Beacon Mesh
Max connection: 128
Power input: 5VIA Size: 62*62*15mm
Product net weight: 30g Working temperature: -10~45°C
Working humidity: 10%-90%RH
Storage temperature: -20°C~60°C
Storage humidity: 5%-90%RH



THP10-B-V2

Smart Bluetooth Gateway Pro

- High-performance Bluetooth Gateway for Smart Homes
- Empowering local automation, Unfazed by external network disconnection
- User-friendly signal strength diagnosis and fault replacement

Specification

Uplink communication: RJ45, Wi-Fi
Downlink communication: Bluetooth LE, Bluetooth Mesh, Beacon Mesh
Max connection: 200 Bluetooth Mesh/16/100 Beacon Mesh
Power input: 5VIA
Size: 90*90*23mm
Product net weight: 75g Working temperature: -10~55°C
Working humidity: 10%-90%RH
Storage temperature: -20°C~60°C
Storage humidity: 5%-90%RH



THP10-Z-X

Smart Wired Gateway Pro

- The first Matter gateway in the industry to obtain alliance certification
- It also has the roles of bridge, controller, and border router
- It supports bridging of mainstream platforms such as Apple/Google/Samsung, as well as access to Matter devices from third-party categories

Specification

Power input: 5VIA Working Temperature: -10°C~+45°C Working Humidity: 10%-90%RH Standby Power: <0.5W Internet Port: 10/100Mbps Ethernet Product Size: 90mm*90mm*23mm Net Weight: about 74.5g Wireless Protocol: Zigbee, Thread



THP10-Z

Wired Zigbee Gateway

- Super network capacity, supporting 100+ devices Stable operation of 100+ devices at the same time
- Zigbee 3.0 standard protocol self-organizing network Local linkage without fear of network disconnection

Specification

Connection Protocol: Zigbee + Ethernet Number of device connections: 128 MAX Power input: DC5V/1A Product size: 80*90*23mm Product net weight: 74.5g Working temperature: -10°C~55°C Working humidity: 10%-90%RH Storage temperature: -20°C~60°C Storage humidity: 5%-90%RH

THP12-Z-V5

Whole-house Smart Zigbee Gateway

- Smart Whole House Professional Edition Gateway
- Supports RTC local timing, gateway fault replacement and other functions
- Support whole-house professional SaaS and App to provide hardware and software integrated solutions

Specification

Connection Protocol: Wi-Fi, Ethernet, Zigbee Number of device connections: 128 MAX Power input: DC5V/1A Product size: 80*90*18mm Product net weight: 113g Working temperature: -10°C~55°C Working humidity: 10%-90%RH Storage temperature: -20°C~60°C Storage humidity: 5%-90%RH



UFO-R1

Universal Remote Control

- Easy connection setting
- Mobile App remote control
- Support air conditioning, TV, set-top box
- 360° all-round no blind angle signal coverage

Specification

Power input: DC 5V/1A Standby power consumption: <0.4W Control distance: horizontal direction <8m positive direction <15m Number of launch tubes: 7 Infrared control direction: multi-directional Working temperature: -10 °C ~ 50 °C Working humidity: <85% RH Connection method: 2.4GHz 802.11b/g/n Carrier frequency: 38KHz App support: Android 4.0/iOS 8.0 and above



UX33

4G Gateway

- Metal material, reliable and durable
- Multiple networks in one, free switching
- Wireless networking, stable and reliable
- External antenna for better distance
- Optional power supply mode, easier to install and use

Specification

Connection Protocol: Ethernet, Wi-Fi, 4G, Zigbee, Bluetooth Power input (choose one of two) Method 1: 5V2A Method 2: PoE power supply Product size: 265*240*95mm (size without antenna installed) Product net weight: 480g Working temperature: -10°C~55°C Working humidity: 10%-90%RH (non-condensing) Storage temperature: -20°C~+90°C Storage humidity: 5%-90%RH (non-condensing)



S16Pro

Super Remote Hub

- All-in-one: T&H sensor, remote control, scene switch
- Real-time monitoring of T&H, auto-adjustment of air conditioner
- Make traditional IR home appliances smarter, to link with a wide variety of scenes

Specification

Product Size: 65*65*17mm Input: DC 5V/1A IR Distance: <10m IR Direction: Multidirectional Working temperature: -10°C~50°C Working humidity: <85%RH Connection mode: 2.4GHz 802.11b/g/n



Smart Sensor



Lighting your **Smart Life**

Specifications

Model: HP220-Z
 Working Voltage: 100-240V- or Type-C 5V
 Wireless Protocol: Zigbee
 Radar Frequency: 24 ~ 24.25GHz
 Detection Area: 4*8 square meters
 Installation: Ceiling flat mount/wall mount
 Working Temperature and humidity: -10°C-50°C, 0-85% RH, no condensation
 Dimension: L60*W90*H79mm



HP220-Z

Human Presence Sensor (Plus)



Human existence partition detection, effectively eliminate interference, fine regional management



People counting & Multi-person trajectory tracking



Radar +PIR double detection to reduce false positives



Illumination detection, avoid linkage light on during the day, save energy consumption

Specifications

Model: HP210-Z
 Working Voltage: 100-240V-
 Wireless Protocol: Zigbee
 Radar Frequency: 24 ~ 24.25GHz
 Detection Area: projection diameter 6 meters (hanging height 3 meters)
 Installation: Ceiling flat mount/ceiling recessed mount
 Working temperature and humidity: -10°C-50°C, 0-85% RH, no condensation
 Hole Size: 70-80mm
 Product Dimension: Φ92*38mm
 Certifications: CE, RoHS, REACH

HP210-Z

Human Presence Sensor ▶

- Human presence detection, detect motionless
- The detection range can be adjusted to meet the space requirements of different sizes
- Illumination detection, avoid linkage light on during the day, save energy consumption

HP320-W

◀ Human Presence Sensor (Pro)

- Ultra-high precision human presence partition detection, effectively eliminate interference, fine regional management
- People Counting & Multi-person trajectory tracking
- Fall detection & respiratory heart rate detection, good care aide

Specifications

Model: HP320-W
 Working Voltage: 5VDC
 Wireless Protocol: Wi-Fi+Bluetooth LE
 Radar Frequency: 60GHz
 Detection Area: 6*8 square meters (side mount); 4*6 square meters (ceiling mount)
 Installation: Wall mounted/flat mounted/embedded mounted
 Working temperature and humidity: -10°C-50°C, 0-85% RH, no condensation
 Dimension: ø80*30mm



Zigbee and Bluetooth Mesh Series



MD100-Z, MD100-B

PIR Motion Sensor

- Human motion detection
- Battery level display
- Magnetic mounting, 350° adjustable detection angle

Specifications

Working Voltage: 3VDC
 Wireless Protocol: Zigbee/Bluetooth Mesh
 Detection Distance: 7M
 Installation Height: 2m
 Battery Type: CR2450
 Installation: Ceiling/wall mounted
 Working Temperature: -10°C~50°C
 Working Humidity: 10%~90% RH, no condensation
 Dimension: 48.2*34.2*12.9 mm
 Certifications: CE, FCC, RoHS, REACH

Specifications

Working Voltage: 3VDC
 Wireless Protocol: Zigbee/Bluetooth Mesh
 Installation: 3M adhesive tape
 Battery Type: CR2032
 Working Temperature: -10 °C~50 °C
 Working Humidity: 10%~90% RH, no condensation
 Dimension: 58*58*17mm

SOS Emergency Button

- One-button switch
- Low power consumption
- Smart scene automation



WD100-Z, WD100-B

Water Leak Sensor

- Flood prevention, necessary at home
- Water leakage detection, real-time monitoring, remote push alarm information, scene linkage

Specifications

Working Voltage: 3VDC
 Wireless Protocol: Zigbee/Bluetooth Mesh
 Battery Type: CR2450
 Working Temperature: -10 °C~50 °C
 Working Humidity: 10%~90% RH, no condensation
 Dimension: 62*62*17.5mm



DS100-Z, DS100-B

Door and Window Sensor

- Real-time monitoring of door and window opening and closing status
- Intelligent linkage, tool-free installation

Specifications

Working Voltage: 3VDC
 Wireless Protocol: Zigbee/Bluetooth Mesh
 Battery Type: CR2450
 Working Temperature: -10 °C~50 °C
 Working Humidity: 10%~90% RH, no condensation
 Dimension: 60x23x13mm&36x14x13mm

Specifications

Wireless Protocol: Zigbee
 Response time: ≤ 2s
 Measurement Accuracy: Temperature ±0.3°C, Humidity: ±3% RH
 Response Time: ≤1s
 Temperature Range: -10°C ~50°C
 Humidity Range: 0%~99% RH, no condensation
 Dimension: 58*58*17mm

TH101-Z

Temperature and Humidity Sensor

- View the temperature and humidity on the device LCD screen



Specifications

Working Voltage: 12VDC
 Wireless Protocol: Zigbee
 Product Range: 0%~20%lel
 Detection Gas: Natural gas
 Alarm Concentration: 8%lel ± 3%lel
 Alarm mode: Field/network alarm
 Alarm Sound Pressure: ≥ 70dB
 Installation: Ceiling/wall mounted
 Working Temperature: -10 °C~50 °C
 Working Humidity: 10%~80% RH (no condensation)
 Dimension: 70*70*28mm

JT-ED108

Gas Alarm

- AC powered, installation tools free, Plug-and-Play
- Can be used as a repeater to extend the transmission distance



Specifications

Working Voltage: 3VDC
 Wireless Protocol: Zigbee
 Detect Area: 60㎡
 Alarm Mode: Field/network alarm
 Alarm Sound: ≥ 85dB
 Installation: Ceiling/wall mounted
 Working Temperature: -10 °C~50 °C
 Working Humidity: 10%~90% RH, no condensation
 Dimension: 82*82*29mm

ED802

Smoke Alarm

- Low power consumption design, long battery life
- With low voltage monitoring and prompt function



Matter over Thread Series

Specifications

Battery Type: AAA*2
Wireless Protocol: Thread
Installation: 3M adhesive tape
Working Temperature: -10°C-50°C
Working Humidity: 10%-90% RH, no condensation
Dimension: 70*35*20mm

DS100-T

Door and Window Sensor

- Supports Matter protocol, offering a more flexible and convenient smart home experience.
- Reliable performance with ultra-low power consumption.
- Ultimate experience. Supporting functions such as door opening reporting, time detection of door opening, statistics of door opening times and time-out linkage for door opening (Advanced functions require separate configuration).



MD100-T

PIR Motion Sensor

- Human motion detection
- Ultra-low power consumption
- Battery level display
- Detection delay setting

Specifications

Wireless Protocol: Thread
Detection Distance: 6m
Battery: AAA*2
Installation: Ceiling/wall mounted
Working Temperature: -10°C-50°C
Working Humidity: 10%-90% RH, no condensation
Dimension: 90*45*25mm
Certifications: CE, FCC, RoHS, REACH

TH100-T

Specifications

Battery Type: AAA*3
Wireless Protocol: Thread
Temperature Range: -10°C-55°C
Humidity Range: 0%-99% RH, no condensation
Response Time: <2s
Measurement Accuracy: Temperature: ±0.3°C / Humidity: ±3% RH
Dimension: 54*54*25mm

Temperature and Humidity Sensor

- Supports Matter protocol, offering a more flexible and convenient smart home experience.
- Reliable performance with ultra-low power consumption.
- Ultimate experience, supports features such as a backlit display, storage for up to 100,000 temperature and humidity data points, gesture operation for temperature and humidity curves, and data export.



Wi-Fi Series

DST100-W

Door and Window Sensor

- Ultra-low power consumption with Wi-Fi, supports offline caching, reliable performance.
- Rapid reporting, completes status reporting in as little as 1 second.

Specifications

Battery Type: AAA*2
Wireless Protocol: Wi-Fi 2.4GHz
Installation Method: 3M adhesive tape
Working Temperature: -10°C-50°C
Working Humidity: 10%-90% RH, no condensation
Dimension: 70*35*20mm



Specifications

Working Voltage: 3VDC
Wireless Protocol: Wi-Fi 2.4GHz
Detection Distance: 6m
Detection Angle: 110°
Battery: 2*AAA
Installation: Ceiling/wall mounted
Working Temperature: -10°C-55°C
Working Humidity: 10%-90% RH, no condensation
Dimension: 90*45*25mm
Certifications: CE, FCC, RoHS, REACH

MD100-W

PIR Motion Sensor

- Human motion detection
- Ultra-low power consumption, 1S quick response
- Battery level display
- Detection delay setting



WD100-W

Water Leak Sensor

- Ultra-low power consumption with Wi-Fi, supports offline caching, reliable performance.
- Rapid reporting, completes status reporting in as little as 1 second.

Specifications

Battery Type: AAA*2
Wireless Protocol: Wi-Fi 2.4GHz
Installation: 3M adhesive tape
Working Temperature: -10°C-50°C
Working Humidity: 10%-90% RH, no condensation
Dimension: 70*24*20mm



TH100-W

Temperature and Humidity Sensor

- Low power consumption with Wi-Fi, long-lasting battery life.
- Supports a backlit display and temperature unit switching.
- Supports date and time display.



Specifications

Battery Type: AAA*3
Wireless Protocol: Wi-Fi 2.4GHz
Temperature Range: -10°C-55°C
Humidity Range: 0%-99% RH, no condensation
Response Time: <2s
Measurement Accuracy: Temperature: ±0.3°C / Humidity: ±3% RH
Dimension: 54*54*25mm

Smart Control
Panel

Camera &
Door Lock

Smart
Gateway

Smart
Sensor

**Smart Electrical
Products**

Smart Lighting
Products

Smart Wearable and
Personal Care Health

Smart
Travel

5

Smart Electrical Products



Lighting your **Smart Life**

Smart Electrical Energy Products



F1s204-EU

Smart Plug-EU

- Support Alexa, Google Home, IFTTT voice control
- Support APP remote control / timer
- Power monitoring (Optional)

Specification

Voltage range: 220~240VAC 50/60Hz
Max current: 16A
Communication protocol: Wi-Fi 2.4G

Specification

Voltage range: 220~240VAC 50/60Hz
Max current: 13A
Communication protocol: Wi-Fi 2.4G

Smart Plug-UK

- Support Alexa, Google Home, IFTTT voice control
- Support APP remote control / timer
- Power monitoring (Optional)



F3s202-US \ F3s202-US

Smart Plug-NA

- Support Alexa, Google Home, IFTTT voice control
- Support App remote control / timer

Specification

Rated voltage: AC 125V
Communication method: Wi-Fi
Voltage range: AC120V 50/60Hz
Max current: 15A
Communication protocol: Wi-Fi 2.4G
N.W: 50g
Product Size: 38*80*47.8mm
Certificate: FCC, ETL



F7601-JP

Smart Plug-JP

- Support Alexa, Google Home, IFTTT voice control
- Support App remote control / timer

Specification

Rated voltage: AC 125V
Communication method: Wi-Fi
Voltage range: AC 100-120V 50Hz
Max current: 12A
Communication protocol: Wi-Fi 2.4G
N.W: 50g
Product Size: 38*70*45mm
Certificate: FCC, ETL



MS231

Fast Charger Cube

- Fast Charging, Alarm clock, Weather reminder 3 in 1
- Wake up, Get the weather reminder
- Tuya system, scene linkage

Specification

Power input: AC 110-240V
Power output: 2*AC
Type A single port: Max 18W
Type C single port: Max 20W
Multi-port output: Max 15W total
Communication mode: Wi-Fi 2.4G
Product Size: 120*50*43.2mm
Cable length: 1m



F1s203-EU Matter

Matter Smart Plug-EU

- Matter over Wi-Fi
- Matter Eco-System, multi-admin across multiple ecosystems
- Support APP remote control / timer/schedule
- Power monitoring (Optional)

Specification

Voltage range: 220~240V 50/60Hz
Max current: 15A
Communication protocol: Wi-Fi 2.4G
Certification: CE, RoHS



F3s202-NA Matter

Matter Smart Plug-NA

- Matter over Wi-Fi
- Matter Eco-System, multi-admin across multiple ecosystems
- Support APP remote control / timer/schedule
- Power monitoring (Optional)

Specification

Voltage: AC90~250V, 50/60Hz
Max Current: 15A
Communication protocol: Wi-Fi 2.4G
Certification: ETL, FCC



F2s203-EU Matter

Energy monitoring Smart Plug-EU

- For Energy Monitoring of balcony power plant
- Support APP remote control / timer/schedule
- 2 Way Power monitoring

Specification

Voltage range: 220~240V 50/60Hz
Max current: 15A
Communication protocol: Wi-Fi 2.4G
Certification: CE, RoHS



TSW-TIII

Stick Logger

- Support mainstream brands of inverters
- Collects data on operating status and power generation, enhancing work efficiency and lowering management costs

Specification

interface support: RS485/RS232/TTL/USB or other serial communications

Specification

Product Name: Smart Air Controller
 Input: DC 5V/1A
 Dimension: 80*80*16mm
 Infrared Frequency: 38KHz
 Temperature Measure Range: 0°C ~60°C
 Humidity Measure Range: 0%RH~99%RH
 Wi-Fi Frequency: Wi-Fi 2.4G
 Display: LCD

S18Pro

Air-Conditioner Controller

- Remote control Air-conditioner by App
- Local touch panel control Airconditioner
- Work with Alexa or google assistant to voice control
- Smart schedule



ESW-OBAA-EU(Bluetooth LE), ESW-OZAA-EU(Zigbee)

Scene Switch

- Support 1-4 buttons outlooks
- Support single click, double click, long press and scene linkage DIY motion
- Support linkage with Zigbee/Bluetooth Mesh devices

Specification

Color: White
 Power supply: Battery ,CR2430 3V DC
 Protocol: Bluetooth mesh or Zigbee
 Product Size: 86*86*13 mm

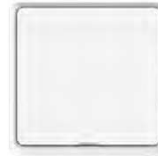
Specification

Color: White
 Related Power: AC100V~240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 200W; incandescent Max 300W

EDM-1ZBA-EU

Dimmer Switch

- On/Off control via rotary button, App and voice
- Dimming, Stepless rotate control
- Schedule/Timer
- Work with Alexa, Google Home



ESW-1ZAB-EU

1 Gang Wall Switch

- On/Off control via physical buttons, App and voice
- Schedule/Timer/Smart Scene
- Work with Alexa, Google Home

Specification

Color: White
 Rated Voltage: AC 100V-240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 200W; incandescent Max 300W
 Dimension: 86*86*37.5 mm



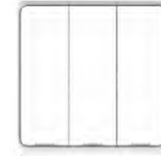
ESW-2ZAB-EU

2 Gang Wall Switch

- On/Off control via physical buttons, App and voice
- Schedule/Timer/Smart Scene
- Work with Alexa, Google Home

Specification

Color: White
 Rated Voltage: AC 100V-240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 200W; incandescent Max 300W
 Dimension: 86*86*37.5 mm



ESW-3ZAB-EU

3 Gang Wall Switch

- On/Off control via physical buttons, App and voice
- Schedule/Timer/Smart Scene
- Work with Alexa, Google Home

Specification

Color: White
 Rated Voltage: AC 100V-240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 200W; incandescent Max 300W
 Dimension: 86*86*37.5 mm



ZX-1P-US11W/B

1 Gang Wall Switch

- On/Off control via touch button, App and voice
- Schedule/Timer/Smart Scene
- Work with Alexa, Google Home

Specification

Color: Black or White
 Rated Voltage: AC 100V-240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 150W; incandescent Max 300W
 Product Size: 118*70*35 mm



ZX-1P-US12W/B

2 Gang Wall Switch

- On/Off control via touch buttons, App and voice
- Schedule/Timer/Smart Scene
- Work with Alexa, Google Home

Specification

Color: Black or White
 Rated Voltage: AC 100V-240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 150W; incandescent Max 300W
 Product Size: 118*70*35 mm



ZX-1P-US13W/B

3 Gang Wall Switch

- On/Off control via touch buttons, App and voice
- Schedule/Timer/Smart Scene
- Work with Alexa, Google Home

Specification

Color: Black or White
 Rated Voltage: AC 100V-240V
 Protocol: Zigbee
 Wiring: Neutral wire required
 Power capability: LED/Fluorescent Max 150W; incandescent Max 300W
 Product Size: 118*70*35 mm

Specification

Product Name: Smart Air Controller
 Input: DC 5V/1A
 Dimension: 60*60*20mm
 Infrared Frequency: 38KHz
 Temperature Measure Range: 0°C-60°C
 Humidity Measure Range: 0%RH-99%RH
 Wi-Fi frequency: Wi-Fi 2.4G

TS06Pro

AC controller

- Remote control Air-conditioner by App
- Local touch key on/off Air-conditioner



69LW

Battery-Free Doorbell

- Battery-free doorbell, 4C ringtones
- Remote reminder
- Timing at regular time
- Smart linkage

Specification

Transmitter Power supply: Battery-free
 Receiver Power supply: AC 85-265V
 RF 433 communication between Transmitter and Receiver
 Certification: CE, RoHS, FCC

Specification

Rated voltage AC: 90 ~ 300V for single phase, 208/400/415V for three phase
 Rated Current/Frequency: 5(65)A for single phase, 5(60)A, 10(80)A for three phase / 50Hz or 60Hz
 Connection mode: Direct type
 Operating temperature: -25°C~+70°C
 Accuracy class: 1% or 0.5%AC voltage

DDS238-2 Single-phase, DTS238-7 Three-phase

Smart Energy Meter

- LCD display
- Bi-directional energy metering: Total/Active/Reverse active energy with Day/Month/Year history tracking
- Remote management on/off
- Prepayment optional
- Monitor real-time voltage, current, power and others



Specification

Rated voltage AC: 90 ~ 300V for single-phase, 208/400/415V for three phase
 Rated Current: 10(100)A for single phase, 5(60)A, 10(80)A for three phase with 100A CT
 Rate frequency: 50Hz/60Hz
 Connection mode: Clamp CT
 Operating temperature: -25°C~+70°C
 Accuracy class: 1% or 0.5%AC voltage

DDS238-1 Single-phase, DTS238-7 Three-phase

Smart Energy Monitor

- LCD display
- Bi-directional energy metering: Total /Active/Reverse active energy with Day/Month/Year history tracking
- Remote management on/off
- Prepayment optional
- Manage real-time voltage, current, power and others



AICB2SP 1P/2P/3P/4P

Miniature Circuit Breaker

- Remote/local switch
- Accuracy level: level 1
- Monitor real-time voltage, current, power and other information
- Mechanical Lifespan: 20,000 times
- Electrical Lifespan: 10,000 times
- Compact Size with wide operating voltage



Specification

Rated voltage: AC 110/230V
 Rated frequency: 50Hz/60Hz
 Pole: 1P/2P/3P/4P
 Operating temperature: -25°C ~+70°C
 Frame rated current: 100A
 Rated current: 6A/10A/16A/20A/25A/32A/40A/50A/63A/80A/100A

AICB2SLP 2P/4P

Specification

Rated voltage: AC 110/230V
 Rated frequency: 50Hz/60Hz
 Pole: 2P/4P
 Operating temperature: -25°C~+70°C
 Frame rated current: 100A
 Rated current: 6A/10A/16A/20A/25A/32A/40A/50A/63A/80A/100A

Miniature Circuit Breaker

- Type A Leakage Protection, 30mA-300mA
- Remote/local on/off, support Leakage self-checking
- Accuracy level: level 1
- Monitor real-time voltage, current, power and others
- Mechanical Lifespan: 20,000 times
- Electrical Lifespan: 10,000 times



Renewable Energy Product



WVC-800

Microinverter

- External antenna for reliable Wi-Fi connectivity
- Reliable IP65 for outdoor using
- Adjustable power output on App

Specification

Max. DC Output: 800W
 Max. Solar Input: 1000W
 MPPT Voltage Range: 30V-60V
 Ingress Protection: IP65

VENBKHB-D1

Residential Single-Phase Hybrid Inverter

- Robust backup power output capacity
- Wide range of MPPT voltage range
- Reliable IP65 for outdoor using

Specification

Power Output: 5kVA
 MPPT Voltage Range: 125V-550V
 Max. Solar Input: 7kW
 Ingress Protection: IP65
 Max. Parallel Operation: 4 Units



Specification

Expandable Capacity: 2240Wh - 6720Wh
 Max. Solar Input: 1000W
 Max. DC Output: 800W
 Ingress Protection: IP65
 Life Cycles: 6000 Cycles



URA-MESS1

Balcony Energy Storage



Integrated MPPT, direct PV input



Easy installation and commissioning



Home-ESS grade LFP battery



Easy Plug & Play MC4 Connectors

Smart Control Panel Camera & Door Lock Smart Gateway Smart Sensor Smart Electrical Products Smart Lighting Products Smart wearable and Personal Care Health Smart Travel



VEN8KHB-L1

Residential Single-Phase Hybrid Inverter

- Multiple models for various needs
- Wide range of MPPT voltage, lower start voltage
- 150% overload capability for 10 seconds

Specification

Power output rating: 3kW-9kW
MPPT Voltage Range: 80V-500V
DC/AC Input Ratio: 150%
Ingress Protection: IP65
Operating Temperature: -25 °C-60 °C

Specification

MPPT voltage: 180-850V
Output power rating: 8KVA-15KVA
Battery voltage: 125V-600V
Ingress Protection: IP65

VEN15KHB-H3

Residential Three-Phase Hybrid Inverter

- Wide range of MPPT voltage, low start-up voltage to 125V
- 150% DC/AC ratio for larger solar system
- Support diesel generator integration



URA2000-LVS2500

Low Voltage Energy Storage

- Extraordinary low temperature operating capability
- Maximum 2C discharge rate
- IP66 enclosure to improve reliability

Specification

Expandable Capacity: 2.5kWh - 90kWh
Life Cycles: 8000 Cycles
Ingress Protection: IP66
Operating temperature: -30°C~55°C
Single Module Weight: 30kg

Specification

Expandable Capacity: 5kWh - 30kWh
Life cycles: 6000 Cycles
Ingress Protection: IP65
Single Module Weight: 48kg

URA-LVS1

Low Voltage Energy Storage

- Intelligent BMS technology
- Modular design
- Peak discharge current up to 200A



URA-HVS1

High Voltage Energy Storage

- Intelligent BMS technology
- Modular design
- High voltage, large capacity

Specification

Expandable Capacity: 15kWh - 30kWh
Life cycles: 6000 Cycles
Ingress Protection: IP65
Single Module Weight: 52kg



URA-HVS2

High Voltage Energy Storage

- Intelligent BMS technology
- One-person installation
- Modular design, flexible capacity

Specification

Expandable Capacity: 7.68kWh - 25.6kWh
Life cycles: 6000 Cycles
Ingress Protection: IP65
Single Module Weight: 26.5kg



SAT500F-P

Portable Power Station

- Easy portable for camping
- 100W PD Fast Charging
- Smart App Control

Specification

Capacity: 512Wh
Max. / Peak Output: 500W / 1000W
Solar Charging power: 200W
Weight: 7.5kg



SAT1000F-P

Portable Power Station

- LFP battery with long lifespan
- One-hour fast recharge
- Smart App Control

Specification

Capacity: 1030Wh
Max. / Peak Output: 1200W / 2400W
Solar Charging Power: 800W
Life cycles: 4,000 Cycles
Weight: 12kg



SAT2200F-P

Portable Power Station

- Flexible capacity, outdoor or in home backup
- Powerful output for heavy loads
- Smart App Control

Specification

Expandable Capacity: 2240Wh - 6720Wh
Max. / Peak Output Power: 2400W / 4800W
Solar Charging Power: 1000W
Life Cycles: 4,000 Cycles
Weight: 24kg



SAT2200F-B

Extra Battery for Portable Power Station

- Small footprint, large capacity
- Max. 1C charge and discharge rate
- Plug & play

Specification

Capacity: 2240Wh
Life Cycles: 4,000 cycles
Weight: 20kg

Smart Control
Panel

Camera &
Door Lock

Smart
Gateway

Smart
Sensor

Smart Electrical
Products

**Smart Lighting
Products**

Smart wearable and
Personal Care Health

Smart
Travel



Smart Lighting Products



Lighting your **Smart Life**



SMB-Z-CCT-12W

SMB zigbee driver

- 2CH output use to CCT lighting
- Controlled by App, Zigbee Networking 7-12W Power adjustable
- One-thousandth of depth dimming

Specification

Input voltage: 90-264V AC
Output voltage: 20-40V
PF>0.9
With dip switch

Specification

The communication protocol: Zigbee
Input voltage: 5-24V
Output voltage: 5-24V
Input power: 120-240W
Channel Dual Channel (CCT)
One thousandth of the dimming depth

SMB-Z-CCT-STL

SMB Strip Controller

- 2CH output use to CCT lighting
- Controlled by App, Zigbee Networking, 120W(12V input) - 240W(24V input) Power



SMB-Z-RGBCW-STL

SMB Strip Controller

- 5CH output use to RGBCW strip
- Controlled by App, Zigbee Networking, 120W(12V input)- 240W(24V input) Power

Specification

The communication protocol: Zigbee
Input voltage: 5-24V
Output voltage: 5-24V
Input power: 120-240W
Channel Five Channel (RGBCW)
One thousandth of the dimming depth

Specification

Detection Angle $\lt; 120^\circ$ (Fresnel lens)
Installation height: maximum 12M
Input voltage/current: 10.5-15Vdc, 20mA
Dimming signal: DIM 0-10V
Connection mode: Zhaga interface
Working temperature: -25°C - +60°C
Waterproof grade: IP65
Product warranty: 3 years

TY-HD06VCRH B7C-B

Highbay PIR Sensor with zhaga

- PIR Sensor for max 12M Height
- With Zhaga Book 18 Receptacle
- Bluetooth Version



Specification

Communication system NB-IoT/CAT1/CAT M
interface standard Zhaga joggle (Bottom: 50.4mm * 35mm high)
input voltage DC 12V-18V
maximum current $\leq 0.15A @ +12V$
output signal 0-10V or PWM, either the DALI dimming needs to be customized
major function Remote switching, dimming, timing, GPS, optical control, etc.

TY-NBLC03-DC, TY-CILC04-DC, TY-CMLC03-DC

Zhaga NB/CAT1/ CAT M controller

- LTE Cat 1, Catm, NB-IOT 3 wireless communication systems are optional, DC 12V power supply



TY-NBLC01-AC, TY-CILC01-AC

NEMA NB/ CAT1 controller

- AC power supply is suitable for the application of no auxiliary source output

Specification

Communication system NB-IoT/LTE Cat1
interface standard NEMA joggle (Bottom: 84mm * 98mm high)
input voltage AC 50-254V, 50-60Hz
load current $\leq 2A @ AC220V$
output signal 0-10V or PWM, either the DALI dimming needs to be customized
major function Remote switching, dimming, timing, GPS, light control, AC power metering, etc.

Specification

Microwave frequency: 5.8GHz±75MHz
Installation height: maximum 12m
Input voltage/current: 10.5-15Vdc 40mA
Dimming signal: DIM 0-10V
Connection mode: Zhaga interface
Working temperature: -25°C - +60°C
Waterproof grade: IP65
Product warranty: 5 year

TY-HD06VCRH B7B-B

Microwave Sensor

- Microwave Sensor for max 12m Height
- With Zhaga Book 18 Receptacle
- Bi-level Dimmable, Daylight Priority
- Bluetooth Version



GET8-1,2-18W (TY8M)

T8 Tube

- High brightness, low power, energy saving and environmental protection
- Easy to install and use



Specification

Size: $\phi 26 \times 1200$ mm
Weight: 240g
Input voltage: AC175-265V 50/60Hz
Power: 18W, PF: 0.5
Luminous flux: 1800 LM
CCT: 6500K CRI>80
Lamp holder: G13
Wireless technology: Bluetooth Mesh & 5.8G microwave

Christmas Lighting

TY-AL-WB-CT-01-400

◀ Curtain Light



- 144+ vibrant scene modes
- DIY text and scene modes can be customized on the mobile smart life APP
- Photo DIY Mode
- Turn on/off automatically at preset times Over 16 million of Colors
- Built-in a microphone. 4 vibrant music modes

Specification

Bulb Qty: 400 LEDs
String Length: 2m*2m
Color: RGBIC
Control: APP+IR
Wireless Protocol: Wi-Fi 2.4G & Bluetooth
Working Condition: -20°C ~ 50°C
Input: AC 100-240V
Certification: CE/UKCA/ROHS/FCC/UL588

TY-AL-WB-PSL-01-30M-72D

▶ Permanent Outdoor String Light



Specification

Bulb Qty: 72 LED/30m
String length: 30m(100ft)=(5m/String)*6
Color: RGB/2200K-6500K
Wireless Protocol: Wi-Fi 2.4G & Bluetooth
Working Condition: -20°C ~ 45°C
Input: DC 24V 1.5A
Beam Angle 100°, CRI>80
Appearance Color: White
Material: PC+ABS

- 16 million colors
- Easy to install
- Dream color effect
- Music mode
- Built-in 15 dynamic scene modes, rainbow, flowing water, horse racing, etc.; and any DIY dynamic scene
- Support Amazon Alexa & Google Assistant



SL181

Desk Lamp

- No radiation, more comfortable for eyes
- Invisible flicker reduces visual fatigue and 360° ultra-wide-angle lighting
- App / Voice / Button Control
- Color temperature adjustment, Brightness adjustment, Scene adjustment, Power-off memory, Timing function, Pomodoro function

Specification

Rated voltage: 100-240V
Rated frequency: 50/60Hz
CCT color temperature: 2700-6500K
Color rendering index: greater than 90
Operating temperature: -10-40



SL181

Desk Lamp

- Modern minimalist appearance design
- App / Voice / Button Control
- Color temperature adjustment, Brightness adjustment, Scene adjustment, Power-off memory, Timing function, Pomodoro function

Specification

Rated voltage: 100-240V
Rated frequency: 50/60Hz
CCT color temperature: 2700-6500K
Color rendering index: greater than 85
Operating temperature: -10-40



TY-HBP-001A1-B

Dimmable PIR Sensor

- Special Design With Tiny Sensor Body
- Bi-level Dimmable, ON/OFF
- Remote Control Programming

Specification

Detection Angle <120° (Fresnel lens)
Installation height: maximum 4M
Input voltage/current: 10.5-15Vdc, <20mA
Dimming signal: DIM 0-10V
Connection mode: Lead, black and white +12Vdc, pink GND, purple DIM+
Working temperature: -25°C ~ +60°C
Waterproof grade: IP20
Product warranty: 3 years



EC-SL01

Night Light

- Infrared sensing lights up automatically at night
- Power supply: usb charging

Specification

Rated power: 0.5W
Charging time: 2-3 hours
Steady on duration: more than 4 hours
Induction time: induction light up 5 times a day, full of one can be used for 4 months



SL400-0

Night Light

- Infrared sensing lights up automatically at night
- Power supply: dry battery

Specification

Power supply: 3 pcs No.7 battery
Duration: 4 months (5 times/day)

TY-TY238-AK-DD.0015

Camera Screen Sync Light Strip

- 180° panoramic camera for screen color selection
- Smart control through Tuya APP
- Voice control via Alexa and Google
- Music rhythm mode, lights interaction with music

Specification

Wireless Protocol: Wi-Fi
Suitable TV size: 55-65 inch
Light strip length: 3.8m
Light bead intensity: 30 LED/m
Rated power: 15W



Game Lighting



TY-AL-WB-MS-01

RGB Mouse

- High-Speed Precision Optional Sensor, adjustable DPI range from 1200-8000 and return rate of 125hz provide falcon-like response and precise cursor movement for gaming.
- RGB attractive light features, multi static light modes and dynamic modes.
- Ergonomic design offers a comfortable claw-grip using experience, long-term use without fatigue.
- Three game button - forward, backward and rapid fire offer users better gaming experience.
- Universal compatible with devices. Plug and play.

Specification

Product size: 124*71*43mm
 Product weight: 85g
 Switch lifespan: 1 million times
 Cable length: 1.5m
 Power: 5V- 500mA
 Working current: \leq 180mA
 Wireless protocol: Wi-Fi 2.4G & Bluetooth
 Certification: CE, Rohs



TY-AL-WB-MP-01

RGB Mousepad

- Large mouse pad size offers a large wide area for keyboard and mouse to move around.
- Ultra Smooth Surface allows the mouse glide on its surface freely and offers consistent & accurate control for gaming.
- Anti-Slip Rubber Base provides strong grip between mat and desktops, further providing a stable control.
- RGB attractive light features, multi static light modes and dynamic modes.

Specification

Product size: 900*300*3mm
 Material: Cloth surface, Rubber base
 Power: 5V -500mA
 Cable: TYPE-C, wire length 1.5m
 Wireless protocol: Wi-Fi 2.4G & Bluetooth
 Certification: CE, Rohs



TY-AL-WB-KB-01

RGB Keyboard

- Full-size keyboard, classic layout satisfied different typing needs.
- Mechanical switch: excellent input feel, long service life, precise tactile feedback for typing and gaming.
- Double injection key caps allow symbol lighting.
- RGB attractive light features, multi static light modes and dynamic modes.
- Anti-ghosting keys support simultaneous key presses without conflicts.

Specification

Mechanical Keyboard (Switch Optional)
 Key Cap: Double color injection 104 keys
 Switch Life: 50 million
 Anti-ghosting Key: All keys
 FN Function: Support
 Cable: PVC cable 1.5m
 Product Size: 440*133*37mm
 Wireless Protocol: Wi-Fi 2.4G & Bluetooth
 Certification: CE, Rohs



TY-AL-WB-HS-01

RGB Headset

- Stereo sound with strong base delivers an immersive gaming experience.
- RGB attractive light features, multi static light modes and dynamic modes.
- Adjustable headband highlights user's comfortable using experience.
- Volume control, easily operate while enjoy game.
- PU material earcup is sweat-proof and also comfortable even long-time's usage.
- Omnidirectional Microphone allow players to chat with others in crystal clear audio.

Specification

Product size: 388*72.8*74.5mm
 RMS: 3W*2
 Drive Unit: 2 inch*2
 Frequency Response: 180Hz-20KHz
 Signal to noise ratio: >45dB
 Input frequency: 700mv+50mv
 Power input: DC 5V 1A

TY-AL-WB-SP-01

RGB Speaker

- 16 million colors
- Dream color effect
- Music mode
- Support Amazon Alexa & Google Assistant



TY-AL-WB-SL-01-RGBIC-3M

Dream-color Strip Light

- Smart Controlled by APP through Tuya or by IR remote
- Easy installation and wide applications.
- Long lifetime

Specification

Strip length: 3m
 Light effect: RGBIC
 Light intensity: 84 LED/m
 Input: DC 12V
 Working temperature: -20°C - 40°C



TY-AL-WB-LB-01

Dream-color Light Bar

- 16 million colors
- Dynamic mode
- Scene mode
- Brightness adjustable
- Dynamic mode adjustment
- Music mode

Specification

Product size: 284*80*65mm
 Light effect: RGBIC
 LED number: 15 LED each side
 Input: 5V 1A
 Wire length: 1.5m USB wire
 Working temperature: -15°C-50°C



Smart Control
Panel

Camera &
Door Lock

Smart
Gateway

Smart
Sensor

Smart Electrical
Products

Smart Lighting
Products

**Smart wearable and
Personal Care Health**

Smart
Travel

7

Smart wearable and Personal Care Health



Lighting your **Smart Life**

Smart wearable & Personal Care Health

GTES

Smart Watch

- Support Amazon Alexa voice control
- 24-hour heart rate continuous monitoring, record heart rate changes at all times
- Support blood oxygen saturation detection, keep abreast of health status

Specification

Chip: REALTEK8762D
 HR sensor: LC11S
 G-sensor: STK8321
 Flash: 192KB RAM+64Mbit ROM
 distance: 10m
 Charging way: Magnetic charging
 Waterproof: IP68
 Size: 1.99 TFT
 Compatible Devices: Android 5.0 or above, iOS 11.0 or above
 App: Tuya / Smart life

Specification

Chip: REALTEK8762D
 HR sensor: LC11S
 G-sensor: STK8321
 Flash: 192KB RAM+64Mbit ROM
 Distance: 10m
 Charging way: Magnetic charging
 Waterproof: IP68
 Size: 1.28 inch screen
 Compatible Devices: Android 5.0 or above, iOS 11.0 or above
 App: Tuya / Smart life

VISS

Smart Watch

- Support Amazon Alexa voice control
- 24-hour heart rate continuous monitoring, record heart rate changes at all times

V300

Smart Band

Specification

Chipset: REALTEK8762D
 Screen size: 1.47 inch IPS display
 Resolution: 172*320 Battery: 140mAh
 Waterproof Level: IP68
 App: Tuya / Smart life

- Support comprehensive health monitoring of blood oxygen, heart rate, body temperature, and pressure
- Support Amazon Alexa voice control
- Support UV1 ultraviolet intensity monitoring to realize scientific sun protection



GT5

Smart Watch

Specification

Chipset: REALTEK8762CK
 Screen size: 1.68 inch IPS screen
 Resolution: 240*280
 Battery: 175mAh
 Waterproof Level: IP68
 Charging way: Wireless charging
 Flash: 160KB SRAM+128MB Flash
 App: Tuya / Smart life

- 1.68-inch full-screen touch screen, 240PPI retina-level screen
- 24-hour heart rate continuous monitoring, support blood oxygen saturation monitoring
- IP68 protection level, 50 meters waterproof, swimming wearable



Specification

Chipset: REALTEK8762CJ
 Screen size: 0.96 inch IPS
 Resolution: 160*80
 Battery: 90mAh
 Waterproof Level: IP68
 Working time: 7-10 days
 App: Tuya / Smart life

VI01

Smart Watch

- 24-hour continuous automatic heart rate monitoring
- The whole machine is 22g as light as nothing, IP68 protection level
- Support multiple dial styles, built-in multiple sports modes



Smart Control Panel

Camera & Door Lock

Smart Gateway

Smart Sensor

Smart Electrical Products

Smart Lighting Products

Smart wearable and Personal Care Health

Smart Travel



NX02-1-A

Robot Vacuum Cleaner

- Brushless motor with 3000pa strong suction
- 4400mah Li-ion Battery
- 3 in 1 Vacuum, sweeping & mopping
- Docking station
- 650ml dustbin container
- Tuya App
- Amazon Alexa and Google Assistant
- OTA service

Specification

Color: White/Black
 Type: Button control+Wi-Fi
 App+Remote control
 Number of buttons: 3
 Wi-Fi indicator light colour: Blue
 Bottom light colour: Blue
 Cover design: ABS+PC / IML
 Units size (main body size): φ 34x9.8(cm)
 Weight (main unit): 3.3kg
 Unit Average Power: 23.3W
 Motor Brushless
 Main brush Yes
 Suction Power: 3000pa
 Noise: 55-65dB
 Dust capacity: 1000ml

Specification

Number of flashes: 996,000
 Energy: 4-11J/cm²
 Power adapter: US,EU,UK,AU,JP
 Out of the light area: 3.4cm²
 Wavelength: 480-1200nm
 Light output frequency: 0.3-3.5s
 Output: 9V2.0A,12V1.5A
 Power: 18W
 Product size: 102*66*40 mm

Kitty60

KITTY 60 IPL Hair Removal

- Super MINI size, smaller than mobile phone
- 3.4cm² large hair removal window
- 6 levels of energy adjustment
- 140g lighter than mobile phone
- Support Smart App



T820

Laser Robot Vacuum Cleaner

- Four Lidars(1 top lidar and 3 linear lidars), better navigation, better performance for avoiding small obstacles and running along the wall
- Multi clean modes and flexible cleaning configuration
- Recognize carpets, avoid wet mopping automatically
- Compatible with big volume self-empty base

Specification

Robot Size: 350*350*98mm
 Navigation & Obstacle avoiding: top Lidar, 3* linear Lidars
 Obstacle height: 20mm
 Suction power: 4kPa
 Carpet recognition: Super sonic sensor
 Dust/water tank volume: 260ml/300ml
 Self-empty base volume: 3.5L
 Connectivity: 2.4G&5G Wi-Fi , Bluetooth
 Battery: 5200mAh



Specification

Measurement method: Oscillometric method
 Measurement range: pressure 20-295mmHg(0-39.33kPa) pulse rate: 40-199 hearts beats/min
 Measurement Accuracy: pressure: ±3mmHg (+0.4kPa);
 Pulse: +/-5% of the reading
 Power supply: 4 AAA batteries 1.5V
 Unit size: 138mmx108mmx62mm
 LCD size: 82.9mm*81.4mm (4.3-inch)
 Weight: 305g (without the battery)

AOJ-30C

Arm Blood Pressure Monitor

- 4.3-inch Super Large LED Screen
- 2 Users, 99 Sets of Memories for Each User
- Auto-off Function
- 4-color Backlight Display for Easy Readings



AOJ-70B

Fingertip Pulse Oximeter

- Large two-color HD OLED display
- Fast measurement, only 8 seconds
- Measure HR+SPO2+PI
- 4 directions, 6 display modes
- Accurate measurement and low power consumption

Specification

Display Type: OLED
 Dimension: 63*36*39mm
 Weight: 43g
 SpO2 Display Range: 35% -100%
 Pulse Rate Measurement Range: 25bpm-250bpm
 SpO2 Accuracy: 70% -100% , ±2% ; 0%-69% , unspecified
 Pulse Rate Accuracy: ±2bpm
 Power consumption: less than 30mA
 Battery type: 2*1.5V
 Material: ABS+PC



Specification

Measurement method: Oscillometric method
 Measurement range: pressure 0-295mmHg(0-39.3kPa) pulse rate 40-199 bpm
 Power supply: 3.7V Rechargeable Lithium Battery
 Product size: 125mm*48mm*28mm
 Weight: 225g

AOJ-33B

Arm Blood Pressure Monitor

- Bluetooth protocol, smart App management, helpful for indepth analysis of blood pressure
- Adopt high-performance powerful computing chips to ensure accurate and reliable measurement results



Tf-Q1026

Digital Photo Frame

- 10.1" HD touch screen, 16:10, 1280x800 resolution
- Built-in 16GB storage, expand 32GB flash disc
- Supports image rotation and video play
- APP control

Specification

Display Size: 10.1 inch Wide Angle IPS LCD
 Display resolution: 1280x800 super high resolution
 Display ratio: 16:10 aspect ratio
 Touch Screen: Capacitive touch screen
 Network: 802.11 b/g/n Wi-Fi 2.4GHz
 Internal Storage: 16GB
 External Storage: SD card (Up to 32GB), USB Flash disc
 Photo / Video: Support
 Photo play mode: Slide show, step show
 APP Compatibility: Apple IOS and Android
 Product Color: Black





CT08

Visual Otoscope

- Automatically connects to device hotspots, no manual switching required, high-definition images without lag, supports white, black, and electroplated colors, colors can be customized, and a variety of silicone covers are available for accessories

Specification

Appearance Process: Black/White
 Material: Plastic Cement (PC+ABS)
 Master Chip: BK7231U (BK)
 PCB Board: Lead-free process
 Battery Capacity: lithium Battery150mAh
 Pixel: 30W Sensor
 Focal IP Level: IP67
 Visual Angle: 70 Angle
 Focal Length: 13mm
 Camera Size: 3.5mm
 LED Lamp: 6*LED

Camera Size of tube: 4.2*52mm
 Operation Temperature: 0°C-50°C
 Connection Method: Wi-Fi Connection
 Charging Voltage: 5±0.5V
 Charging Interface: Type-C
 Product Size: 141*14*12mm
 Product Weight: 14g
 Product: 14g

Specification

Appearance Process: Black/White
 Material: Plastic Cement (PC+ABS)
 Master Chip: BK7231U (BK)
 PCB Board: Lead-free process
 Battery Capacity: lithium Battery600mAh
 Pixel: 30W Sensor
 Focal IP Level: IP67
 Visual Angle: 70 Angle

Focal Length: 13mm
 Camera Size: 3.5mm
 LED Lamp: 6*LED
 Camera Size of tube: 4.2*52mm
 Operation Temperature: 0°C-50°C
 Connection Method: Wi-Fi Connection
 Charging Voltage: 5±0.5V
 Charging Interface: Type-C
 Product Size: 160*27*27mm
 Product Weight: 43g
 Product: 43g

CT01

Visual Otoscope

- Threaded ear spoons, automatically connect to device hotspots, no need for manual switching, high-definition images without lag, support white, blue, color can be customized, a variety of silicone sleeves are available for accessories



BF8072

Smart Scale

- 18 items of body data: weight/fat mass/body fat index/obesity degree/ideal weight/weight control/visceral fat index/lean body mass/muscle rate/body water/bone mass/protein rate/basal metabolic rate/metabolism Age/body shape/score

Specification

Capacity: 3-180kg
 Division:100g
 Product Size: 300*300*25mm
 LED display
 Unit: KG/LB
 Power: 6V 4*AAA battery
 Low battery (LO) and overload indication (Err)
 APP: Tuya
 Material: tempered glass+ABS plastic

Specification

Handle Material: Plastic with texture on surface
 Button: Power*1, switch*1
 Display: LED display with big digital
 Certificate: CE, ROHS, FCC
 Packing gift box
 Packing detail: Handle*2, 3M rope*1, Type C USB cable*1, carry bag*1, cordless balls*2
 Connection: BT4.2, support connect with Smart Life APP

Rope Length: 3m PVC rope(adjustable) Color: green
 Vibration: Built-in Motor to give vibration on Handle
 Battery: Built-in 300 mAh Lithium Polymer battery, last for at 2-3 month use after one time charge OEM/OEM: acceptable
 Counting mode: free style, timing style, count down style

RC08

Smart Jump Rope

- Large high-definition display, multiple rope skipping games to choose from



Specification

Main Chipset: Dialog DA14585
 Origin sensor: Tianyi 3802
 Battery type: Polymer battery
 Charging: Magnetic suction charging
 Material: Ceramic
 Working time: 7-9 days
 Waterproof: IP68
 Size: 8 models(No.6-No.13)
 Main function:
 24H Heartrate/Blood oxygen monitor
 Support Active Measurement
 Accurate Sleep Detection
 Support for Map Motion Tracks
 Support Body Temp. HRV monitor
 New interactive, 8 colorways available



TG-R007

Smart Ring



Support outdoor sports and record sports data and sports track



7*24 hours automatic detection, Records daily changes in heart rate, blood oxygen



Accurately record every sleep and monitor sleep quality in real time



Support black, rose gold, gold and white color, and the colors can be customizable. Available For 8 sizes from 6-13#



Smart Travel



Lighting your **Smart Life**

Smart Quick Ride



OT15

E-Bike

- Equipped with 350W brushless rear motor: smooth operation, fast acceleration response, low noise, strong power, which greatly meet the needs of users riding.
- Equipped with a smart Bluetooth display, this vehicle offers control, self-check, navigation, riding records, and other smart functions, allowing users to manage and control electric bikes more conveniently.

Specification

Communication Method: Bluetooth LE
 Certification: CE
 Motor: 350W
 Battery: 36V 10Ah
 Cruising Range: 35km
 Max.speed: 25km/h



OT16

E-Bike

- Quick folding and space-saving: easy to fit in the trunk of the car or store in the storage room.
- Equipped with a smart Bluetooth display, this vehicle offers control, self-check, navigation, riding records, and other smart functions, allowing users to manage and control electric bikes more conveniently.

Specification

Communication: Bluetooth LE
 Certification: CE
 Motor: 350W
 Battery: 36V 13Ah
 Cruising Range: 45km
 Max.speed: 25km/h



BK18

E-Bike

- Equipped with a 360Wh hidden anti-theft battery, the frame is made simpler and safer, protecting the battery from rain intrusion to extend its life.
- Equipped with a smart Bluetooth display, this vehicle offers control, self-check, navigation, riding records, and other smart functions, allowing users to manage and control electric bikes more conveniently.

Specification

Communication: Bluetooth LE
 Certification: CE
 Motor: 350W
 Battery: 36V 13Ah
 Cruising Range: 45km
 Max.speed: 25km/h



Model C-M / Model C-F

E-Bike

- Equipped with carbon fiber belt drive, ultra-quiet motor and torque sensor system, simple structure, lighter weight, more durable, so that users completely get rid of oil, rust, noise and vibration, riding noise does not exceed 50 dB.
- Hidden anti-theft battery makes the frame more safe, so that the battery is free from rain intrusion to extend the battery life.
- Tuya VCU with remote positioning, anti-lost, anti-theft alarm, remote unlock and control and other intelligent functions.

Specification

Communication: 4G+Bluetooth LE
 Motor: 250W
 Battery: 36V 10Ah
 Cruising Range: 45km
 Max.speed: 25km/h



Model F

E-Bike

Specification

Communication: 4G+ Bluetooth LE
 Motor: 500W
 Battery: 48V 15Ah
 Cruising Range: 80km
 Max.speed: 32km/h

- Equipped with a 500W high-performance mid motor with a max torque output of 130Nm and a max speed of 45km/h.
- Equipped with 720Wh hidden removable anti-theft battery, the appearance is simple, more beautiful, more safe.
- Tuya VCU with remote positioning, anti-lost, anti-theft alarm, remote unlock and control and other intelligent functions.



KP01-TUYA

Smart Inflator Pump

- Built-in battery/ Portable to go
- Digital display dual readings: Pre-set pressure & Pressure Gauge
- Auto stop at pre-set target pressure
- Super fast Inflate
- Led emergency lighting
- 5 smart modes: Bike/ Motorbike/ Car/Ball/Manual
- Measurement unit switch: PSI, kPa,Bar,kg/cm²
- With power bank function

Specification

Chipset: JieLi7012F
 HR Sensor: Pixart PAH8009
 Screen size/resolution: 1.43" AMOLED 466x466
 Communication: Bluetooth LE
 Battery size: 380mAh
 Always on mode: up to 3 days
 Bluetooth connected : up to 7 days
 Standby time: up to 30 days
 Product material: Zinc Alloy+ IML Glass caseback
 Product size: 48 x 13.4mm
 Diameter: 4.48mm
 Band: 22wide
 Product weight: 55g

Smart Control Panel

Camera & Door Lock

Smart Gateway

Smart Sensor

Smart Electrical Products

Smart Lighting Products

Smart wearable and Personal Care Health

Smart Travel



TS01

Smart Cycling Headphones

- Sports earhook design
- Directional Sound Tech
- support sweatproof
- Open-ended Design
- Secure Fit
- 30H Lasting Time intelligent touch control

Specification

BT Version: V5.3
 (Chipset: Bluetooth 5656C2)
 Play Time: About 6.5H+23.5H
 Earphone Charging Time: About 1.5H
 Battery Capacity: 50*2mAh/400mAh
 Drivers Size: Ø16.2mm
 Color: orange with white/black with grey

TG-SW1451H

Smart Cycling Watch

Specification

Chipset: JielI7012F
 HR Sensor: Pixart PAH8009
 Screen size/resolution: 1.43" AMOLED 466x466
 Bluetooth version: BT 5.3
 Battery size: 380mAh
 Always on mode: up to 3 days
 Bluetooth connected : up to 7 days
 Standby time: up to 30 days
 Product material: Zinc Alloy+ IML Glass caseback

- SMS/Incoming call/Wechat/Messages from third-party applications
- Report generation (sleep/ECG/health)
- Family events (guest visits/sensing alarms/equipment abnormal...)
- Family member health abnormal (Health data/falling detection/forgetting to take medicines)
- Control the mobile phone to play music or take photos
- Voice control (device/scene)
- Touch screen control (device/scene)
- Gesture control/Bluetooth offline control
- Step/calories/mileage
- Heart rate/blood pressure/blood oxygen/body temperature
- Sleep/exercise/stress



KP01-TUYA

Smart Cycling Glasses



- Not in the ear, you can hear the outside world at any time, and it is safer to travel outdoors and exercise.
- No ear plugs, no pain after wearing for a long time, say goodbye to the pain of blocking the external auditory canal.
- By bypassing the eardrum to transmit sound, the ear canal is always refreshed and the growth of bacteria is reduced.
- Open your ears, listen to music and communicate with the people around you.

Specification

Product Name: Smart Audio Sunglasses
 Bluetooth version: Bluetooth 5.1
 Standby time: Around 10 days
 Product packaging: exquisite packaging
 Speaker Type: Directional Audio Transmission Speaker
 Play time: Around 8 hours
 Product weight: Around 43g
 Charging time: < 2 hours

Specification

Connectivity: Bluetooth LE
 Location: Apple Find My
 Battery: CR2032 (Replaceable)
 Standby Time: 12 months



TTFM-10

Smart Tag



Support Apple Find My and Tuya App



Works with Apple Find My network



Low power consumption and long durability

Smart Control Panel

Camera & Door Lock

Smart Gateway

Smart Sensor

Smart Electrical Products

Smart Lighting Products

Smart wearable and Personal Care Health

Smart Travel

Specification

Connectivity: Bluetooth LE
Location: Apple Find My
Battery: CR2032 (Replaceable)
Standby Time: 12 months

TTFM-50

Smart Tag ▶

- Support Apple Find My and Tuya App
- Works with Apple Find My network
- Low power consumption and durability



TTFM-11

Smart Tag ◀

- Support Apple Find My and Tuya App
- Works with Apple Find My network
- Low power consumption and durability

Specification
Connectivity: Bluetooth LE
Location: Apple Find My
Battery: CR2032 (Replaceable)
Standby Time: 8 months

Specification

Connectivity: Bluetooth LE
Location: Apple Find My
Battery: CR2032 (Replaceable)
Standby Time: 8 months

TTFM-51

Smart Tag ▶

- Support Apple Find My and tuya App
- Works with Apple Find My network
- Low power consumption and long durability
- Support NFC



Specification

Connectivity: Bluetooth LE
Location: Apple Find My
Battery: CR2032 (Replaceable)
Standby Time: 8 months

TTFM-52

Smart Tag ▶

- Support Apple Find My and Tuya App
- Works with Apple Find My network
- Low power consumption and long durability



TTFM-71

Smart Tag ▶

- Support Apple Find My and Tuya App
- Works with Apple Find My network
- Low power consumption and durability
- Support charging

Specification

Connectivity: Bluetooth LE
Location: Apple Find My
Battery: 100mAh(Magnetic charging)
Standby Time: 6 months
Charging time: 1.5h

Specification

Connectivity: Bluetooth LE
Location: Apple Find My
Battery: 380mAh
Standby Time: 15 months

TTFM-72

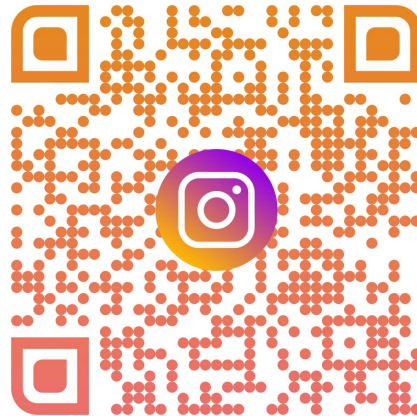
Smart Tag ▶

- Support Apple Find My and Tuya App
- Works with Apple Find My network
- Low power consumption and durability





Lighting your Smart Life.



www.articfiberoptic.com