



# Taichuan Smart Intercom

## Smart Home

2022





# ABOUT US

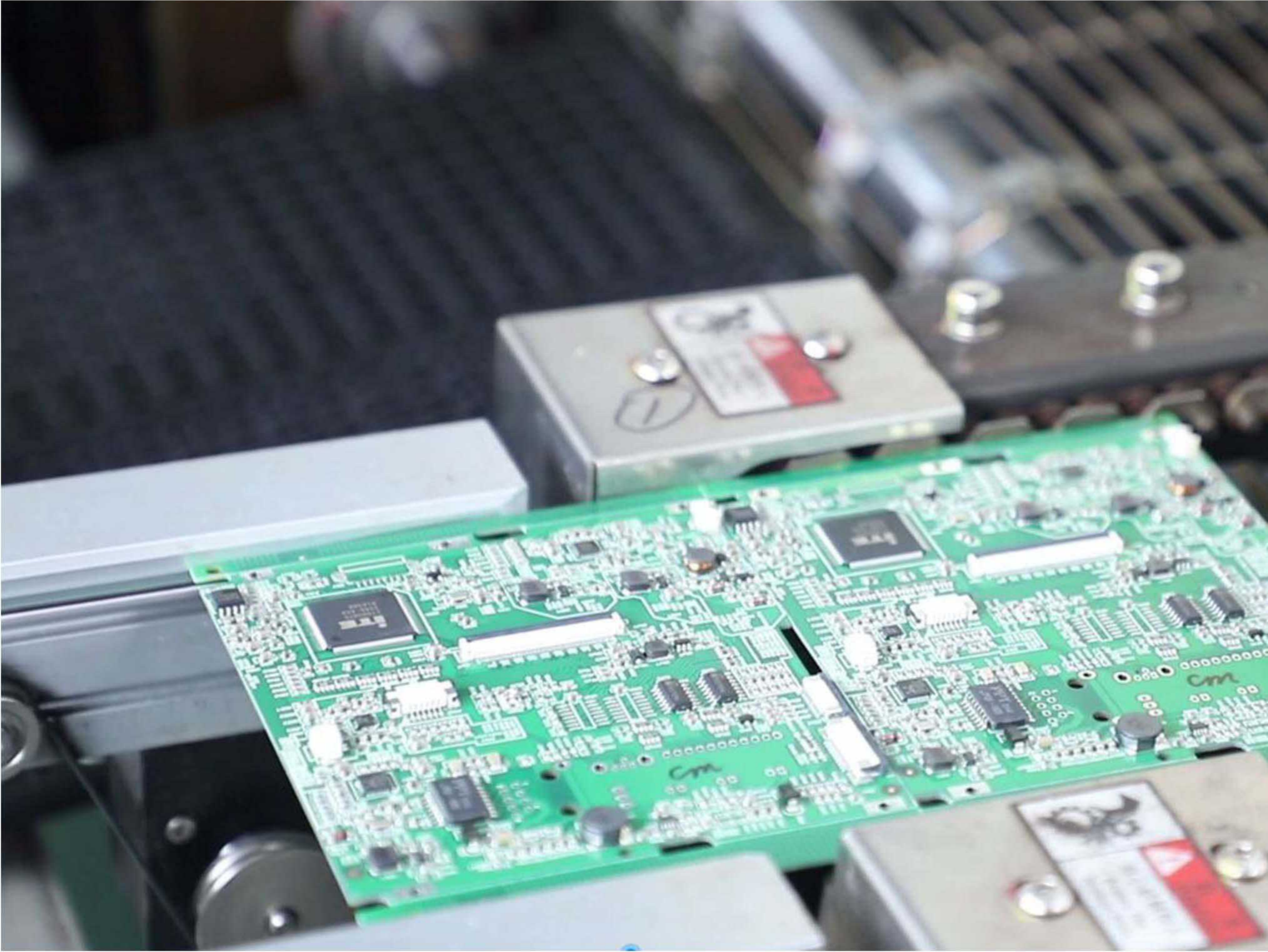
Established in 1999 Taichuan Cloud Technology is a high tech company supported by a group of experienced specialists who has more than 10 years experience in the smart home security industry.

Taichuan products cover IP intercom, access control and smart home appliance which brings the balance between powerful capabilities, ease of use and affordability. With the sleek design and reliable quality, our products allow you to secure your home, office and large community.

As a factory based manufacturer which covering an area of 30,000 m<sup>2</sup> with 2 techno parks, 25 branch offices and more than 500 employees across mainland China, we distinguish ourselves by an unrelenting commitment to excellence in terms of software, hardware and support, serving hundreds of thousands of customers worldwide.

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# Smart Intercom



Android OS



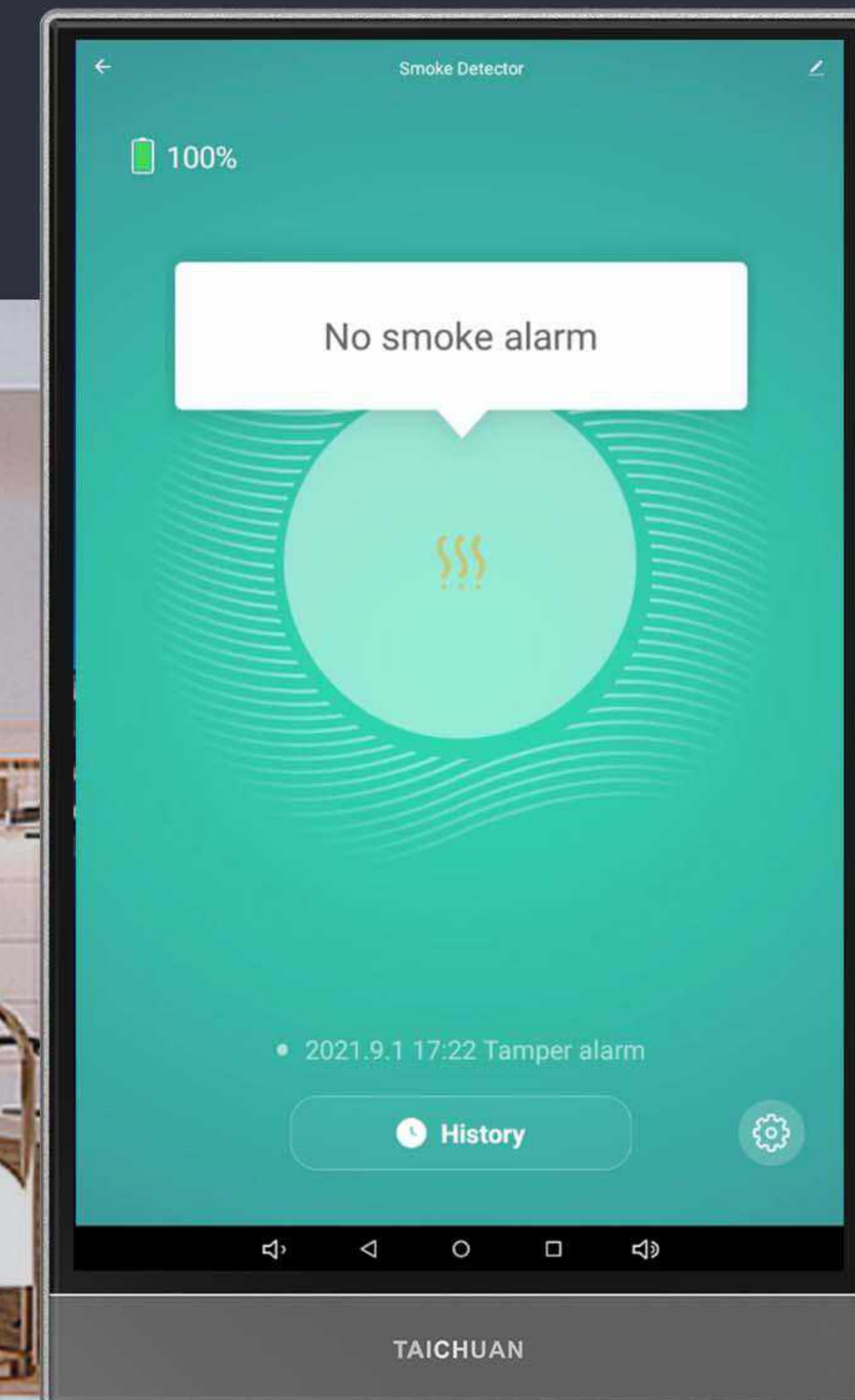
Tuya Smart Home



Answer Call by Phone



Supports Install APP



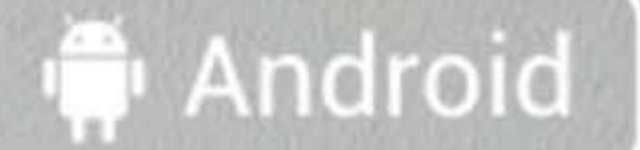


## Features

- 8" Capacitive Touch IPS Screen
- Unique Portrait Screen Design
- Wifi connect to internet
- High capacitive CPU
- Android OS
- Video doorphone
- Tuya Smart home control

## Specifications

- OS: android 6.0
- CPU: 64bit 4 core Cortex-A53
- Screen: 8"IPS Touch Screen
- Resolution: 1280\*800
- Memory: 1G RAM,8G flash
- Communication: RJ45(TCP/IP)
- Expanded Port: 8CH Wired Alarm Port
- Size: 119.5\*199.8\*13.5(mm)
- Installation method: indoor wall mounting
- Color: Gray



TC-5000MH-18F

8" Digital Touch Screen  
Indoor Monitor



WiFi Switch

Human Fall Sensor

Water Heater

Smart Lock

# Security



Smoke Sensor

WiFi Camera

Water Leakage Detector

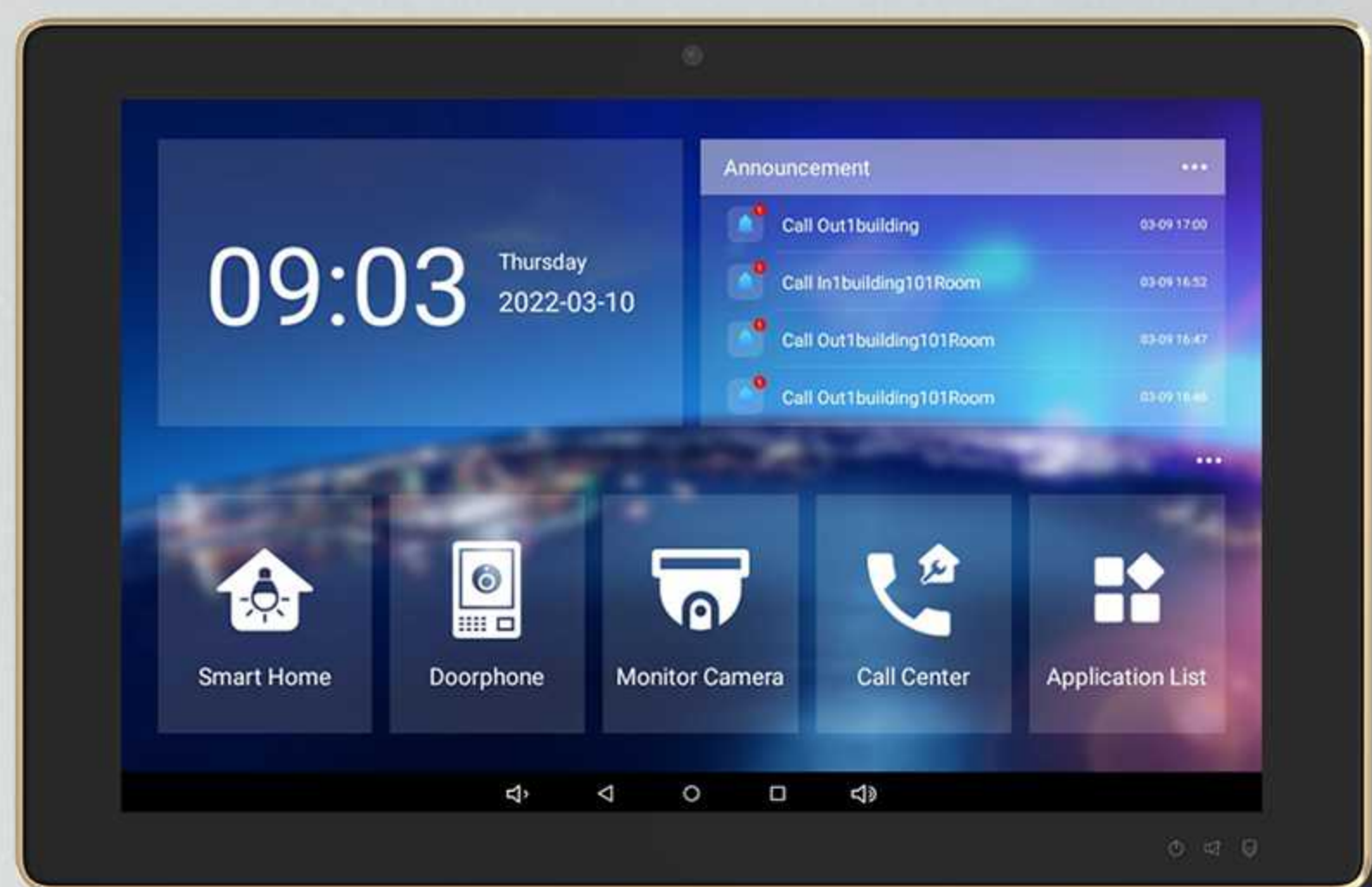
Motion Detector

Gas Sensor

Smart Socket

Smart Light





TC-5000MH-18B

10" Digital Touch Screen  
Indoor Monitor



720P

## Features

- 10" Capacitive Touch IPS Screen
- Wifi connect to internet
- High capacitive CPU
- Android OS
- Video doorphone
- Tuya Smart home control

## Specifications

- OS: android 6.0
- CPU: 64bit 4 core Cortex-A53 (Allwinner A64)
- Screen: 10"IPS Capacitor Touch Screen,1280\*800Pixel
- Memory: 1G RAM,8G flash
- Camera: HD 720P
- Communication: RJ45(TCP/IP)
- Expanded Port: Doorbell,8CH Port,SD card slot(inside)
- Power Supply: DC 12V/1A
- Size: 258.6\*167.2\*15.1(mm)
- Color: Black



10" IPS

TUYA

SMART HOME CONTROL

ANDROID TABLET

# SMART INTERCOM





TC-5000MH-20I

## Specifications

OS: android 6.0

CPU: 64bit 4 core Cortex-A53

Screen: 10"IPS Touch Screen

Resolution: 1280\*800

Memory: 1G RAM,8G flash

Communication: RJ45(TCP/IP)

Expanded Port: 8CH Wired Alarm Port

Size: 247\*155\*1.24(mm)

Installation method: indoor wall mounting

Color: Black



# Smart Intercom

Video Doorphone



10" super clear  
IPS touch screen



Android OS



Dual 2MP HD camera



Super Fast Face Recognition  
Support up to 10000+ faces



Take video call and  
open door by mobile app



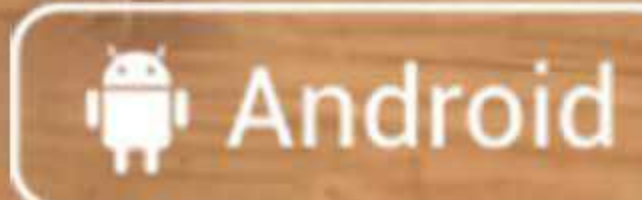
SIP Support SIP



Standard PoE



10" Face Recognition  
Outdoor Unit



Bio Recognition



TC-5000D-20B

## Features

- Extra Fast Facial Recognition
- Top Artificial Intelligence CPU
- 10" High Resolution Touch screen
- High Definition Dual Camera
- Intercom Call to Resident
- Supports IC Card & Password Unlock
- One-piece Metal Body

## Specifications

- OS: Android
- CPU: 2Cortex-A72+4Cortex-A53
- Screen: 10" Capacitive Touch Screen
- Camera: Color CMOS 2.0Mega Pixel+Infrared detection camera
- Facial Recognition: Support 10000+
- Communication: RJ45(TCP/IP),RS485,Relay unlock
- Power Supply: DC 12V/3A or 48V POE;
- Machine Dimension: 392\*173\*33 mm
- Embedded dimension: 390\*160\*35mm

# 8" Face Recognition Outdoor Unit



TC-5000D-XL4



Bio Recognition

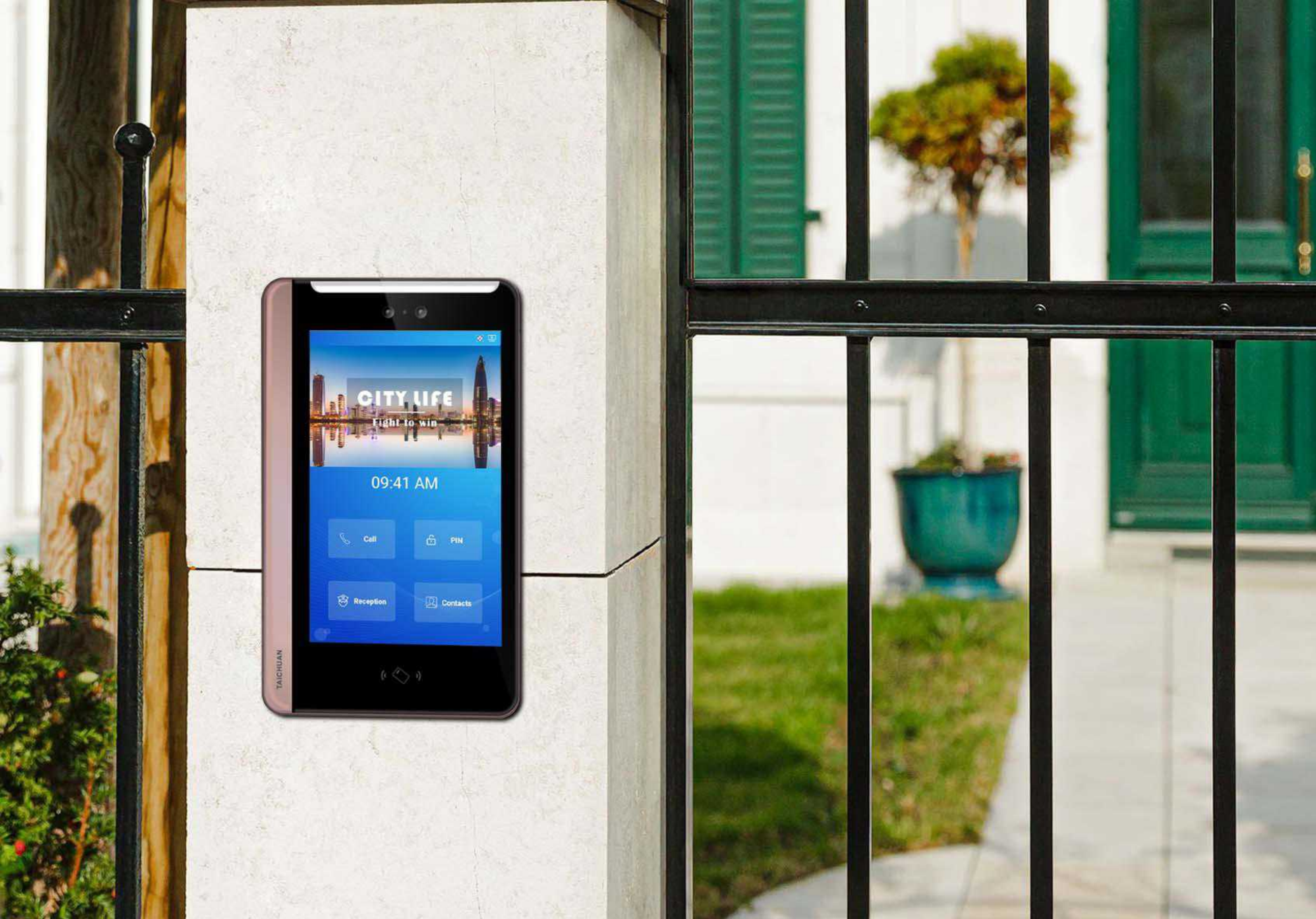


## Features

- Extra Fast Facial Recognition
- Top Artificial Intelligence CPU
- 8" High Resolution Touch screen
- High Definition Dual Camera
- Intercom Call to Resident
- Support IC Card Unlock
- One-piece Metal Body

## Specifications

- OS: Android
- CPU: 2Cortex-A72+4Cortex-A53
- Screen: 8" Capacitive Touch Screen
- Camera: Color CMOS 2.0Mega Pixel+Infrared detection camera
- Facial Recognition: Support 10000+
- Communication: RJ45(TCP/IP),RS485,Relay unlock
- Card Type: IC,ID Card
- Power Supply: DC 12V/3A;
- Machine Dimension: 158\*303\*34 mm
- Embedded dimension: 145\*295\*55mm



 Bio Recognition



TC-5000D-20F

## Features

- Extra Fast Facial Recognition
- Top Artificial Intelligence CPU
- High Definition Dual Camera
- One-piece Metal Body

## Specification

- OS: Android
- CPU: 2Cortex-A72+4Cortex-A53
- Screen: 10" Capacitive Touch Screen
- Camera: CMOS 2.0Mega Pixel+Infrared detection camera
- Facial Recognition: Support 10000+
- Communication: RJ45(TCP/IP),RS485,Relay unlock
- Card Type: IC,ID Card
- Power Supply: DC 12V/3A;
- Machine Dimension: 158\*303\*34 mm
- Embedded dimension: 145\*295\*55mm

## Features

- Android OS
- 10 inch 2.5D IPS Touch Screen
- High capacitive CPU
- Wifi connect to internet
- Supports Tuya Smart home Control

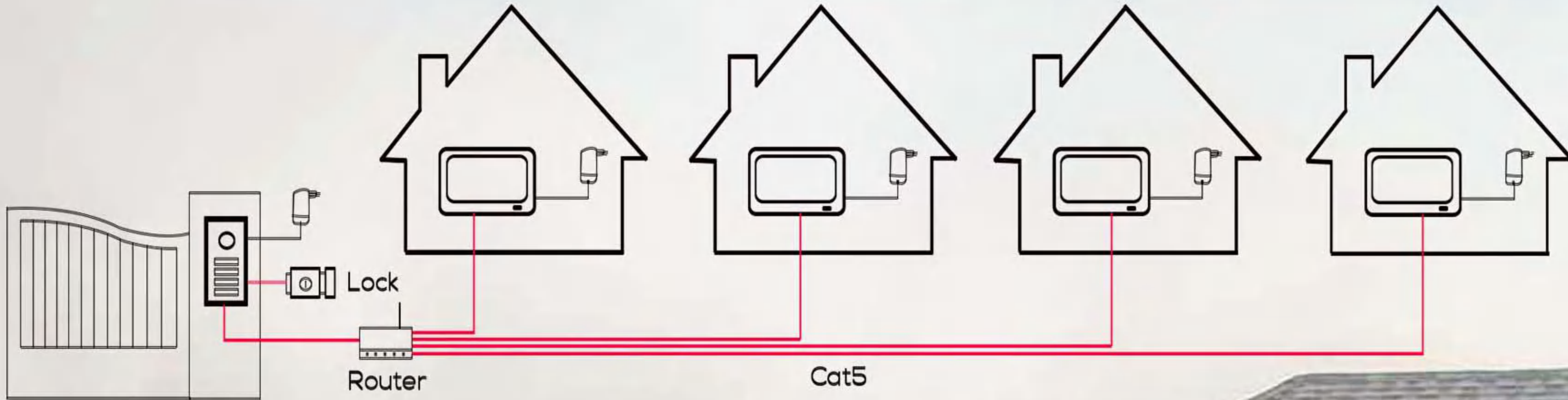
## Specification

- OS: android 6.0
- CPU: 64bit 4 core Cortex-A53
- Screen: 10"IPS Touch Screen,1280\*800Pixel
- Memory: 1G RAM,8G flash
- Communication: RJ45(TCP/IP)
- Expanded Port: 8CH Wired Alarm Port
- Size: 248\*177\*15.5mm
- Installation method: indoor wall mounting
- Color: Black Panel and Rose Gold Trim



TC-5000MH-20G





-  IP Direct-Connect
-  Tuya Cloud Talk and Unlock Door
-  Monitor Outdoor on Monitor/Phone
-  Supports 4 houses
-  POE/12V Optional



 **Smart Intercom**

# Smart Intercom



7" IPS Touch Screen



Android OS



Tuya Smart Home



Answer Call by Phone



Support Install APP



TC-5000MH-20H

## Features

- 7" Capacitive Touch IPS Screen
- Wifi connect to internet
- High capacitive CPU
- Android OS
- Video doorphone
- Tuya Smart home control

## Specifications

- OS: android 6.0
- CPU: 64bit 4 core Cortex-A53
- Screen: 7"IPS Touch Screen
- Resolution: 1024\*600
- Memory: 1G RAM,8G flash
- Communication: RJ45(TCP/IP)
- Expanded Port: 8CH Wired Alarm Port
- Size: 181\*130\*15(mm)
- Installation method: indoor wall mounting
- Color: Black with white bottom line



TC-3000DA-2K



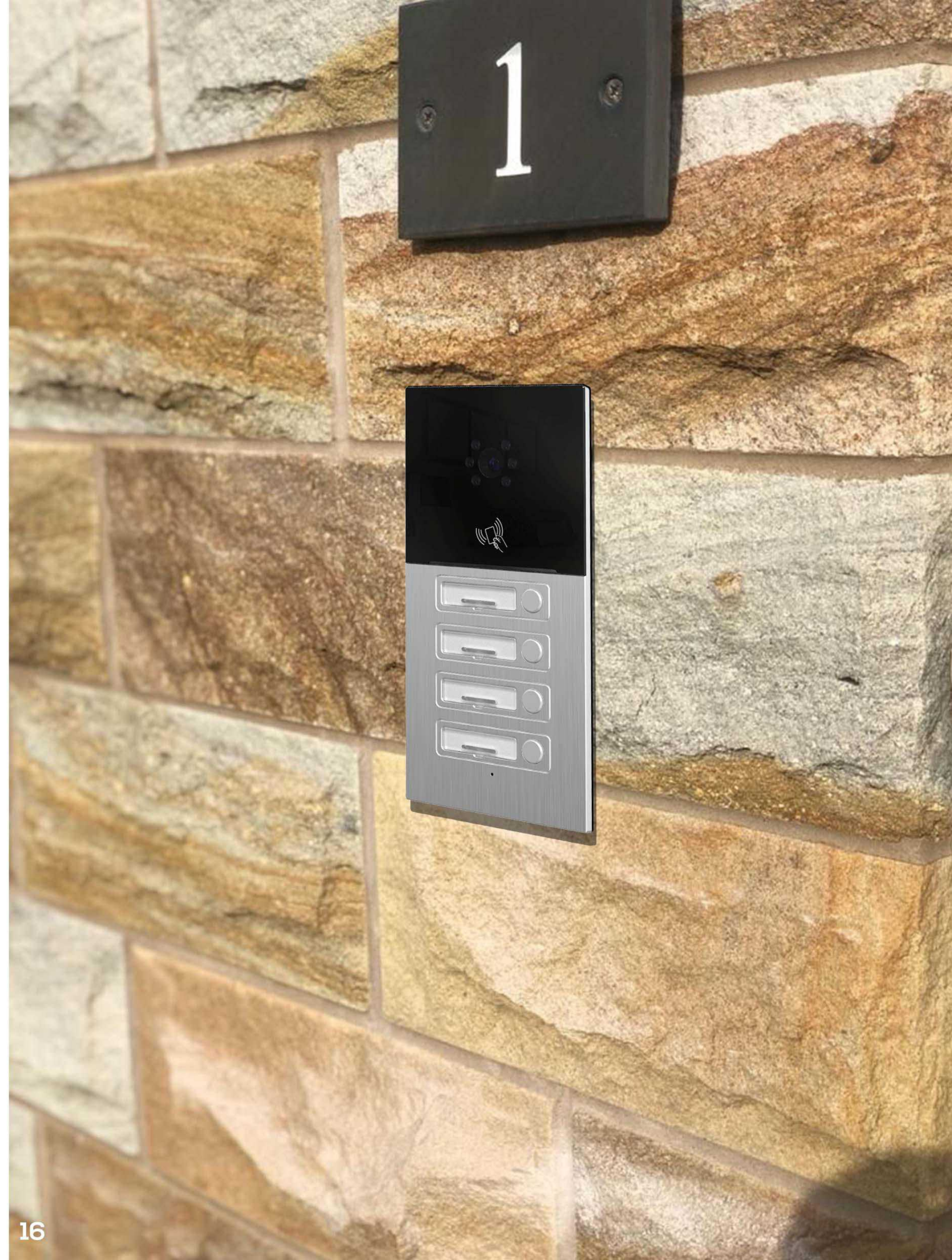
TC-3000DA-4K

## Features

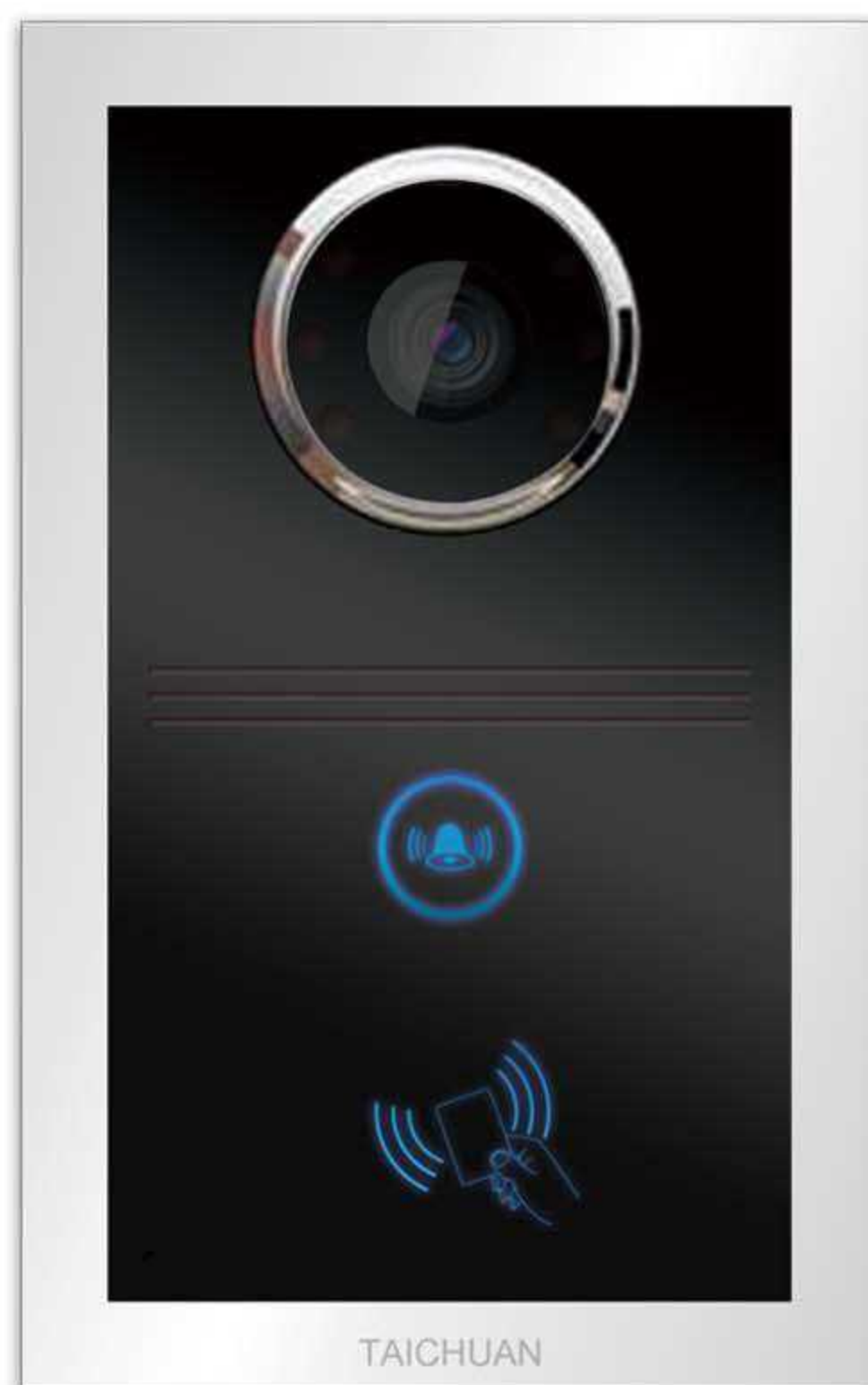
- Digital TCP/IP Intercom
- Hi-Definition Camera
- Full Metal Body Design
- Supports 2 / 4 houses
- Support IC Card Unlock

## Specifications

- OS: Linux
- CPU: ARM9
- Camera: Color CMOS 1.0Mega Pixel
- Communication: RJ45(TCP/IP),signal unlock
- Card Type: IC、 ID Card
- Color: Black and silver
- Machine Dimension: 105\*210\*45mm
- Install Method: Wall/Flush Install







TC-3000DA-X1



TC-3000DA-X2

## Features

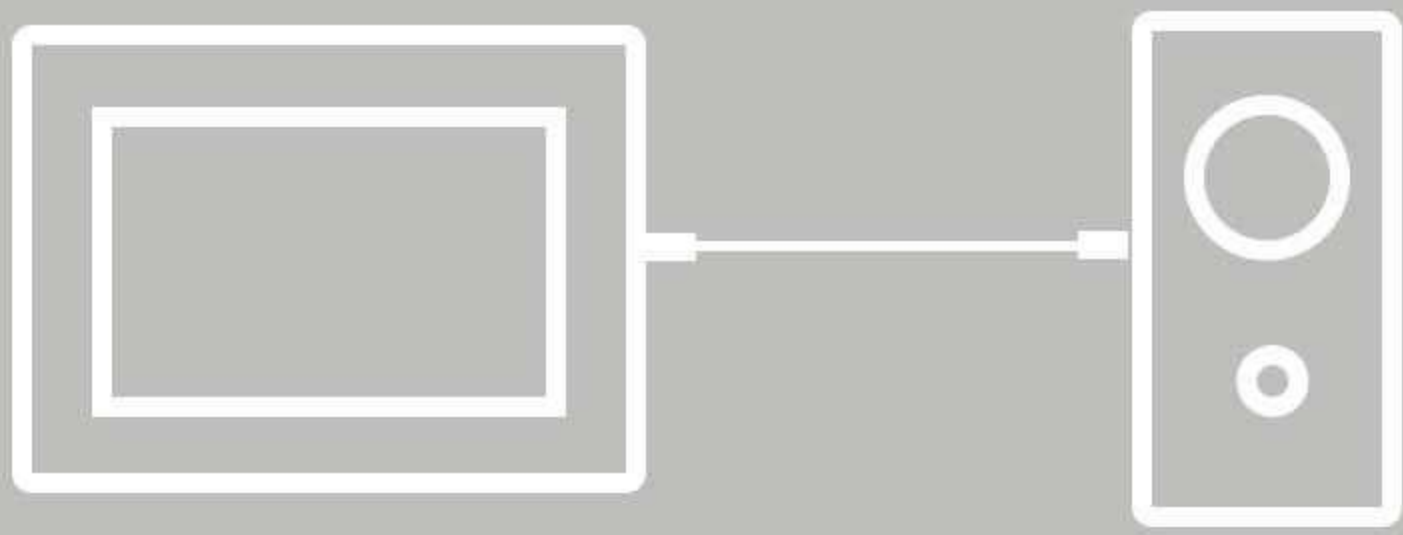
- Digital TCP/IP Intercom
- Hi-Definition Camera
- Whole Metal Body Design
- Intercom Call to Resident
- Support IC Card Unlock

## Specifications

- OS: Linux
- CPU: ARM9
- Camera: Color CMOS 1.0Mega Pixel
- Communication: RJ45(TCP/IP),signal unlock
- Card Type: IC、ID Card
- Color: Black panel and silver edge
- Machine Dimension: 90\*135\*30.5mm
- Install Method: Wall/Flush Install



Villa Doorbell



# IP Villa VDP Kit

IP direct-connect  
Connected by Cat5/6

7"



TC-3000MH-Z1 + TC-3000DA-X1

7"



TC-3000MH-18D + TC-3000DA-X2

10"



TC-5000MH-18B + TC-3000DA-X1

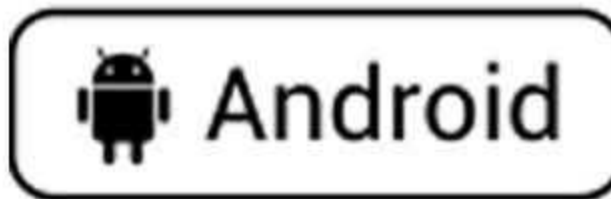
7"



TC-5000MH-20H + TC-3000DA-X2

## Features

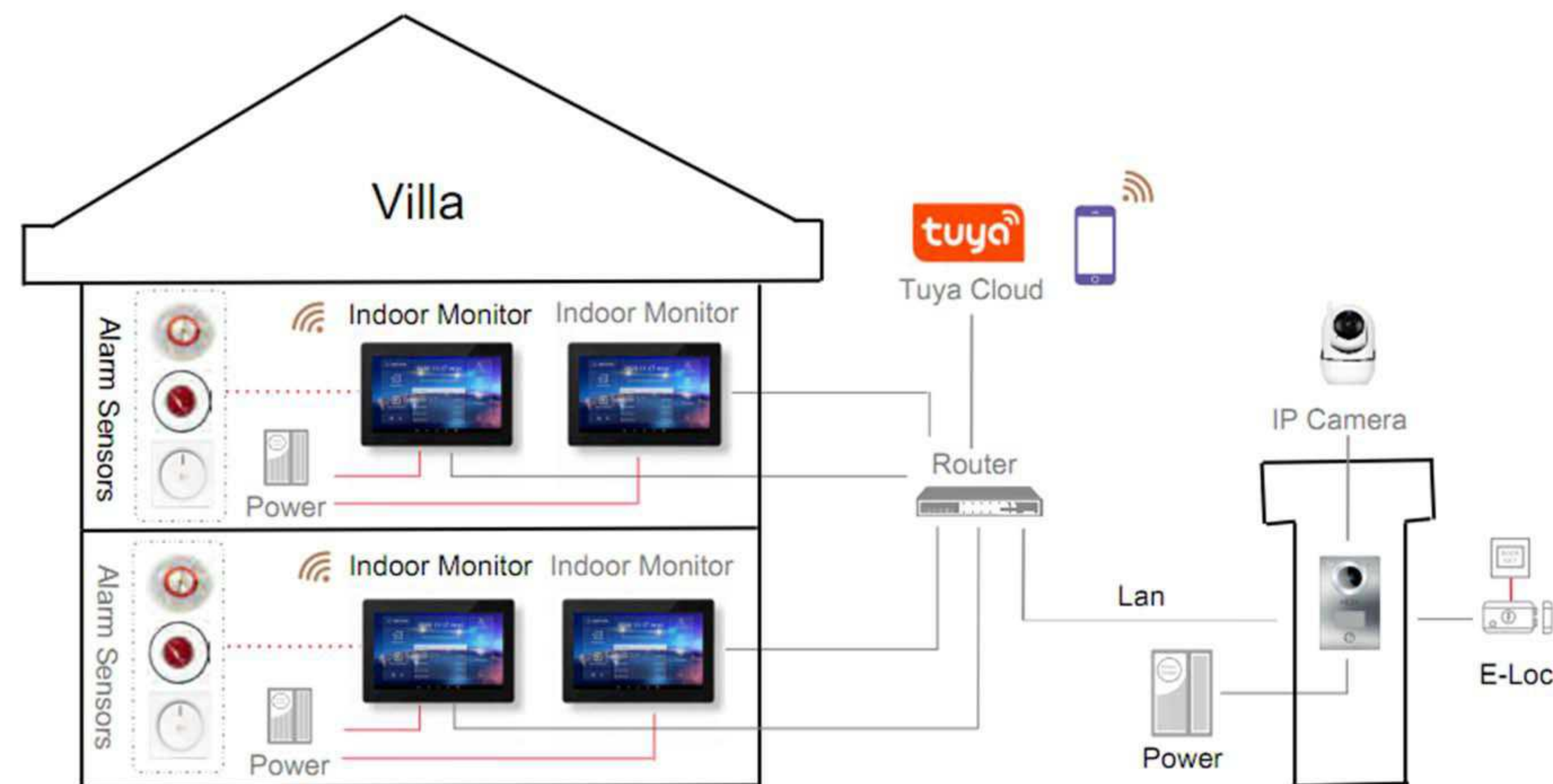
- Android OS
- Tuya Smart Life app
- WiFi Connect to Internet
- Support 3rd Party IP camera
- Easy to Setup
- Support Up to 4 Indoor monitors and 2 Outdoor Units

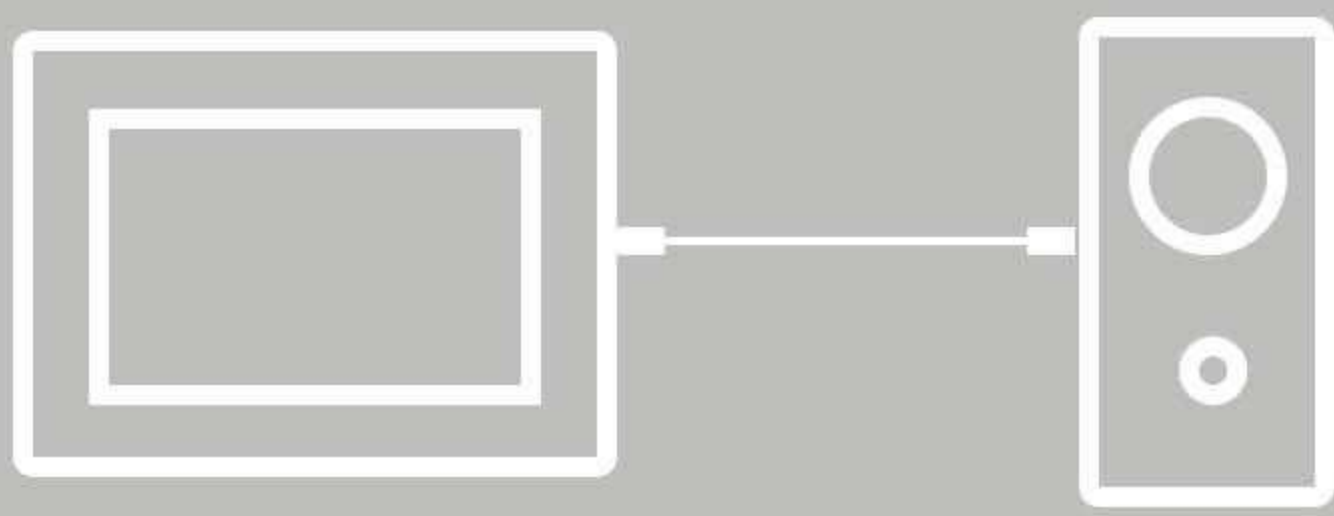


One to one without Switch/router

## Features

- Linux OS
- Color CMOS 1.0 Mega Pixel
- Video Intercom
- IC Card Unlock
- Support 3rd Party IP camera
- Support Up to 4 Indoor monitors and 2 Outdoor Units





# AHD Villa VDP Kit

Analog 4-Wire  
Video Door Phone

7"



TC-X4MH-18C + TC-X4DA-01

7"



TC-X4MH-X1 + TC-X4DA-01

7"



TC-X4MH-Z1 + TC-X4DA-02

**INDOOR MONITOR**

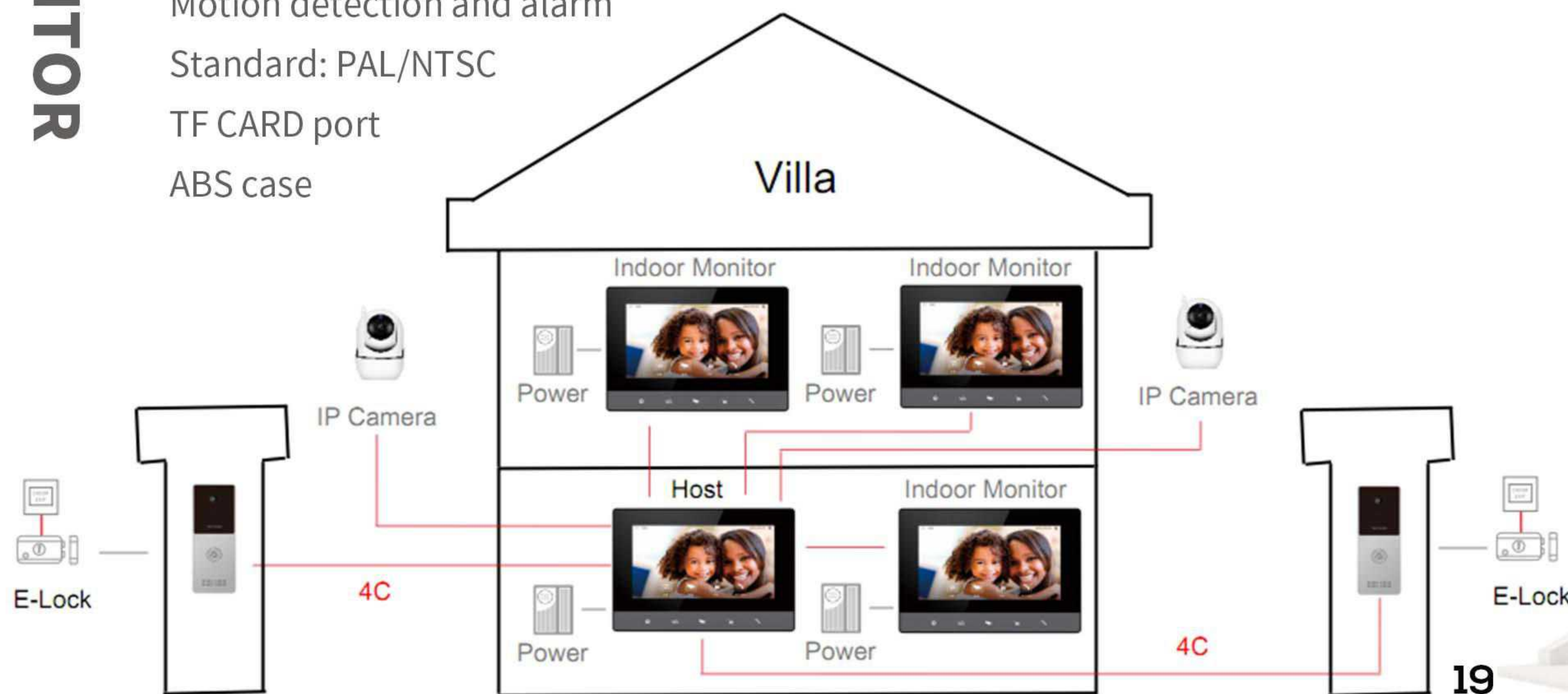
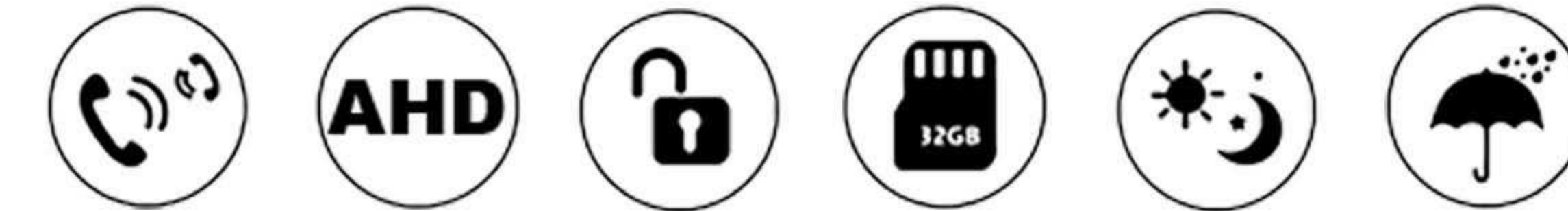
## Features

- Linux OS
- 7 inch Colorful TFT-LCD Screen
- Support 4 indoor monitors + 2 call panels + 2 Cameras
- Support for photo taking and storage
- Unlock/Monitor/Internal call/Record
- Motion detection and alarm
- Standard: PAL/NTSC
- TF CARD port
- ABS case

**Doorbell**

## Features

- 1080P HD 2.0 Mega pixel Camera
- IR night vision
- 90° Angle vision
- Power by indoor monitor
- Aluminum body



# TC-3000 IP Intercom



TC-3000MH-T1



TC-3000MH-Z1



TC-3000MH-Q1



TC-3000MH-W2



TC-3000MH-W1

## Features

- Linux OS
- Entrance monitoring
- Call Management Center
- Two-Way Intercom
- 8 CH wired Security Sensor Input
- Visitor Image Record

## Features

- Linux OS
- Entrance monitoring
- Call Management Center
- Two-way Intercom
- 8 CH wired Security Sensor Input
- Visitor Image Record

## Features

- Linux OS
- Entrance monitoring
- Call Management Center
- Two-way Intercom
- 8 CH wired Security Sensor Input
- Visitor Image Record

## Features

- Linux OS
- 7 inch Touch Screen
- Call Management Center
- Two-way Intercom
- 8 CH wired Security Sensor Input
- Visitor Image Record

## Features

- Linux OS
- 10 inch Touch Screen
- Call Management Center
- Two-way Intercom
- 8 CH wired Security Sensor Input
- Visitor Image Record

## Specification

- OS: Linux
- CPU: ARM9
- Screen: 4.3" Color TFT LCD
- Communication: RJ45
- Expanded Port: 8CH Wired Alarm Port
- Buttons: Touch Buttons
- Dimension: 190\*130\*20mm
- Color: Black with Golden bottom line
- Working Voltage: DC12V-13.5V

## Specification

- OS: Linux
- CPU: ARM9
- Screen: 7" Color TFT LCD
- Resolution: 800\*480Pixel
- Speaker: Mono 8Ω、2W
- Communication: RJ45
- Expanded Port: 8CH Wired Alarm Port
- Buttons: Touch Buttons
- Dimension: 220\*131\*18.5mm
- Color: Golden and Silver
- Working Voltage: DC12V-13.5V

## Specification

- OS: Linux
- CPU: ARM9
- Screen: 7" Color TFT LCD
- Resolution: 800\*480Pixel
- Speaker: Mono 8Ω、2W
- Communication: RJ45
- Expanded Port: 8CH Wired Alarm Port
- Buttons: Touch Buttons
- Dimension: 276\*149\*20mm
- Color: Black
- Working Voltage: DC12V-13.5V

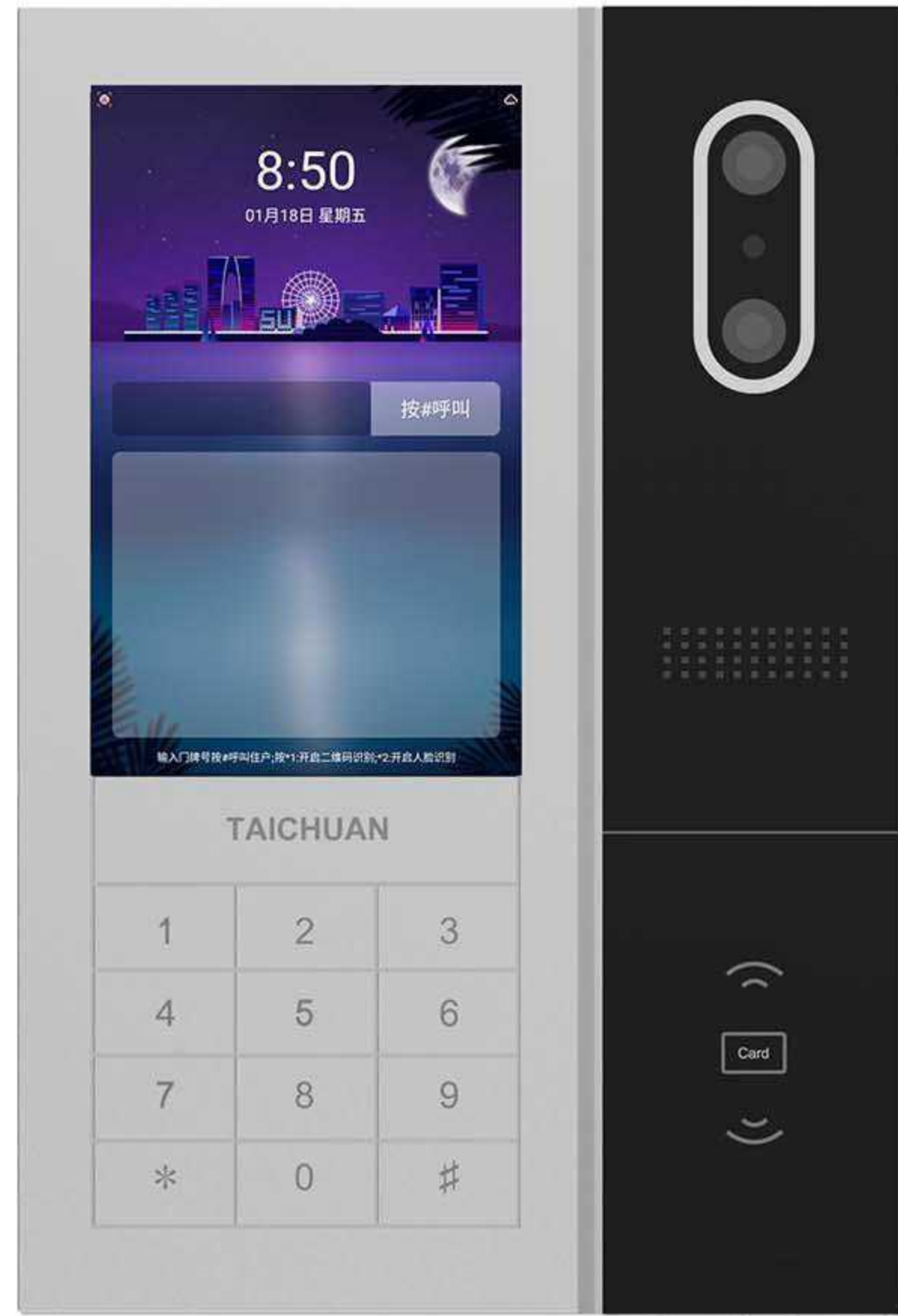
## Specification

- OS: Linux
- CPU: ARM9
- Screen: 7" TFT LCD Touch Screen
- Resolution: 800\*480Pixel
- Speaker: Mono 8Ω、2W
- Communication: RJ45
- Expanded Port: 8CH Wired Alarm Port
- Buttons: Physical Buttons
- Dimension: 223\*120\*13.5mm
- Color: White
- Working Voltage: DC12V-13.5V

## Specification

- OS: Linux
- CPU: ARM9
- Screen: 10" TFT LCD Touch Screen
- Resolution: 1024\*600Pixel
- Speaker: Mono 8Ω、2W
- Communication: RJ45
- Expanded Port: 8CH Wired Alarm Port
- Buttons: Physical Buttons
- Dimension: 285.5\*157\*13.5mm
- Color: White
- Working Voltage: DC12V-13.5V

# IP Video Entry Station



TC-5000D8T

## Specification

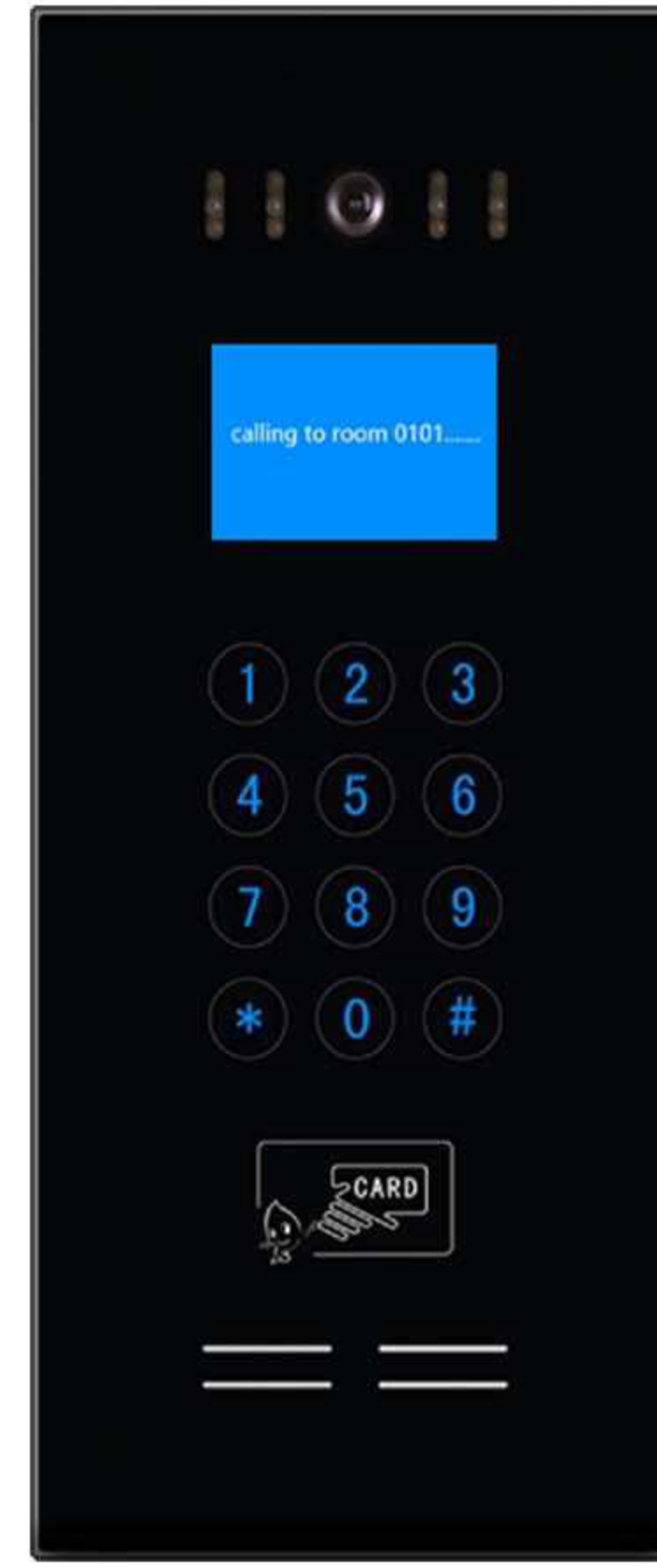
OS: Android 7.1  
 CPU: 2Cortex-A72+4Cortex-A53  
 Screen: 7" Capacitive Touch Screen  
 Camera: Color CMOS 2.0Mega Pixel+  
 Infrared detection camera  
 Facial Recognition: Support 10000+  
 Communication: RJ45(TCP/IP),  
 RS485,Relay unlock  
 Card Type: IC, ID Card  
 Power Supply: DC 12V/3A;  
 Machine Dimension: 194.6\*287\*32mm  
 Embedded dimension: 185\*277\*32mm



TC-U9D-J

## Specification

OS: Linux  
 CPU: ARM9  
 Screen: 3.5 "TFT-LCD  
 Camera: Color CMOS 1.0Mega Pixel  
 Keypad Type: Physical Button  
 Communication: RJ45(TCP/IP),  
 RS485,Relay unlock  
 Card Type: IC、ID Card  
 Power Supply: DC 12V/3A  
 Color: White  
 Machine Dimension: 130\*371\*65mm  
 Install Method: Flush Install



TC-U9D-F1

## Specification

OS: Linux  
 CPU: ARM9  
 Screen: 3.5 "TFT-LCD  
 Camera: Color CMOS 1.0Mega Pixel  
 Keypad Type: Touch Keypad  
 Communication: RJ45(TCP/IP),  
 RS485,Relay unlock  
 Card Type: IC、ID Card  
 Power Supply: DC 12V/3A  
 Color: Black  
 Machine Dimension: 136\*357\*65mm  
 Install Method: Flush Install



TC-X6DA-Z/IC

## Specification

OS: Linux  
 CPU: ARM9  
 Camera: Color CMOS 1.0Mega Pixel  
 Keypad Type: Physical Button  
 Communication: RJ45(TCP/IP),  
 Electric Signal Unlock  
 Card Type: IC、ID Card  
 Power Supply: DC 12V/PoE Compatible  
 Color: Silver  
 Machine Dimension: 110\*185\*33.5mm  
 Install Method: Wall/Flush Install



TC-X6DA-Z/ps

## Specification

OS: Linux  
 CPU: ARM9  
 Camera: Color CMOS 1.0Mega Pixel  
 Keypad Type: Physical Button  
 Communication: RJ45(TCP/IP),  
 Electric Signal Unlock  
 Unlock: Password Unlock  
 Power Supply: DC 12V/PoE Compatible  
 Color: Silver  
 Machine Dimension: 110\*185\*33.5mm  
 Install Method: Wall/Flush Install



# Modular Door Access Unit

## Security Guard Station



TC-5000MH-BA01

- Android 6.0 OS
- Quad-core Cortex™-A53 CPU
- 10 inch Capacitive Touch Screen
- Covered with 2.5D Glass
- 1MP CMOS Camera
- Call Resident
- Aluminium Alloy Body
- Resident Alarm Notice
- Doorphone Monitoring
- Dimension: 325.5\*209\*129mm

## Host



TC-3000DA-MD/ZU/P

- OS: Linux
- CPU: ARM9
- Camera: CMOS 1/3" 720P
- 90° wide angle, Led Supplement
- Communication: RJ45(TCP/IP), RS485, Door Lock Detection
- Power Supply: DC 12V/1.5A/POE
- Dimension: 76\*76\*34mm

## Optional Modulares



TC-3000DA-MD/KEY

### Calling Modular

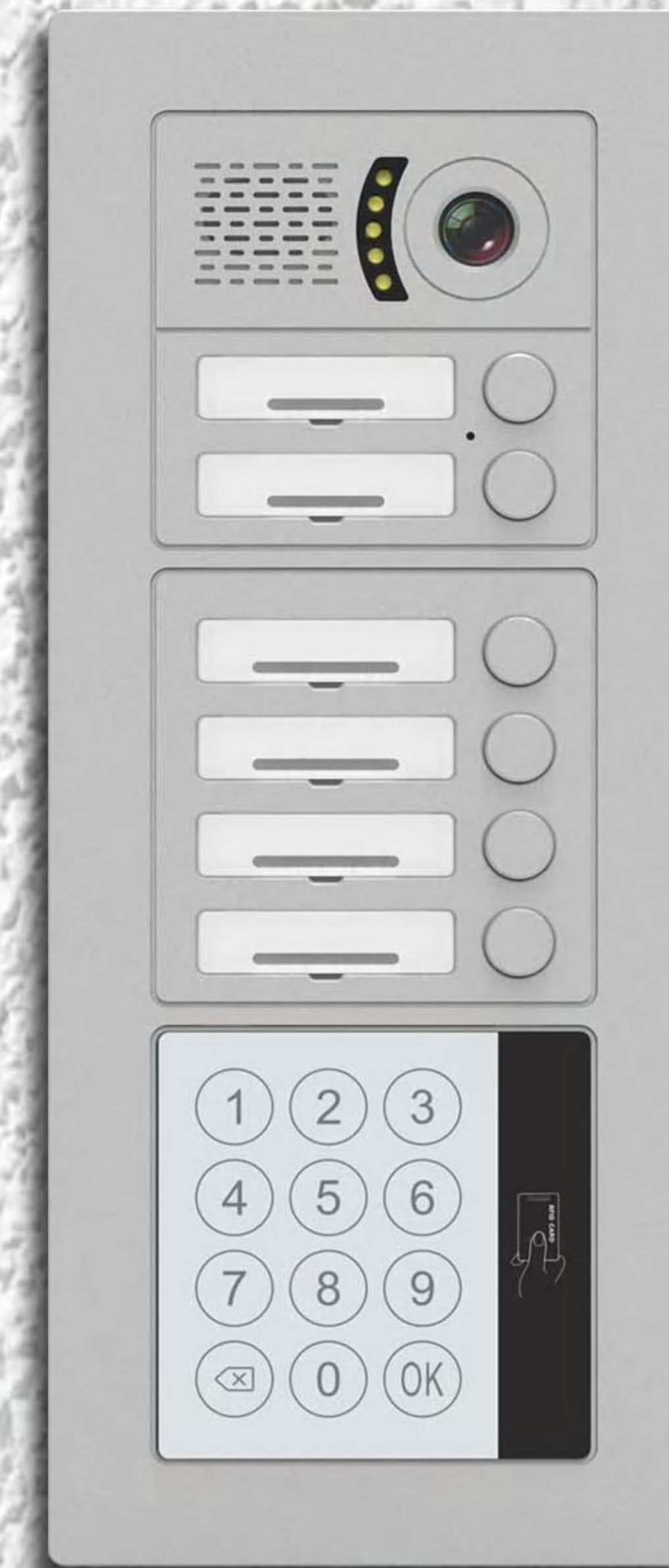
- Name Plates
- Call Buttons
- Dimension: 76\*76\*34mm



TC-3000DA-MD/IC

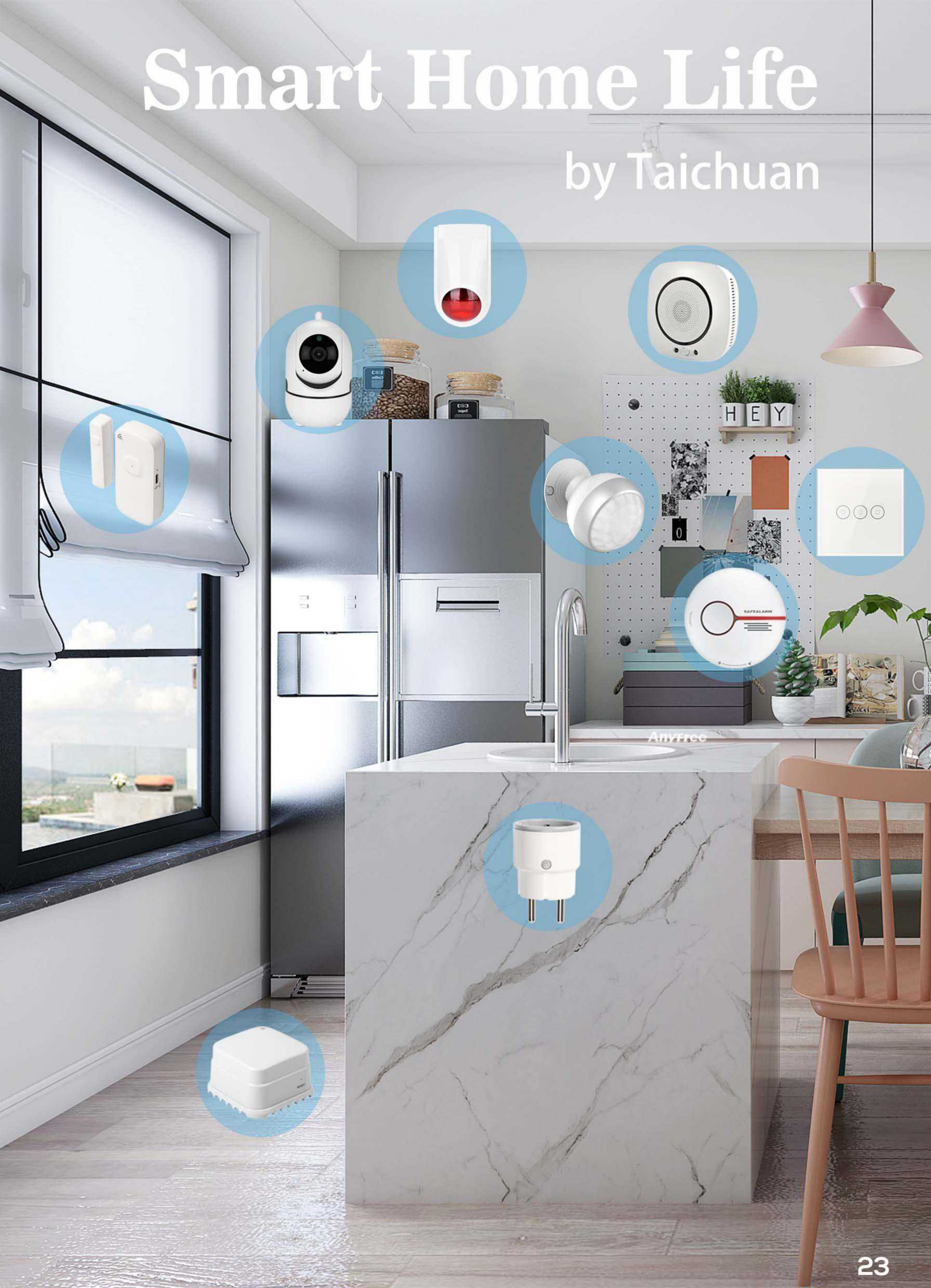
### Door Open Modular

- Password Unlock
- IC Card Unlock(mifare S50)
- Touch Buttons
- Dimension: 76\*76\*34mm



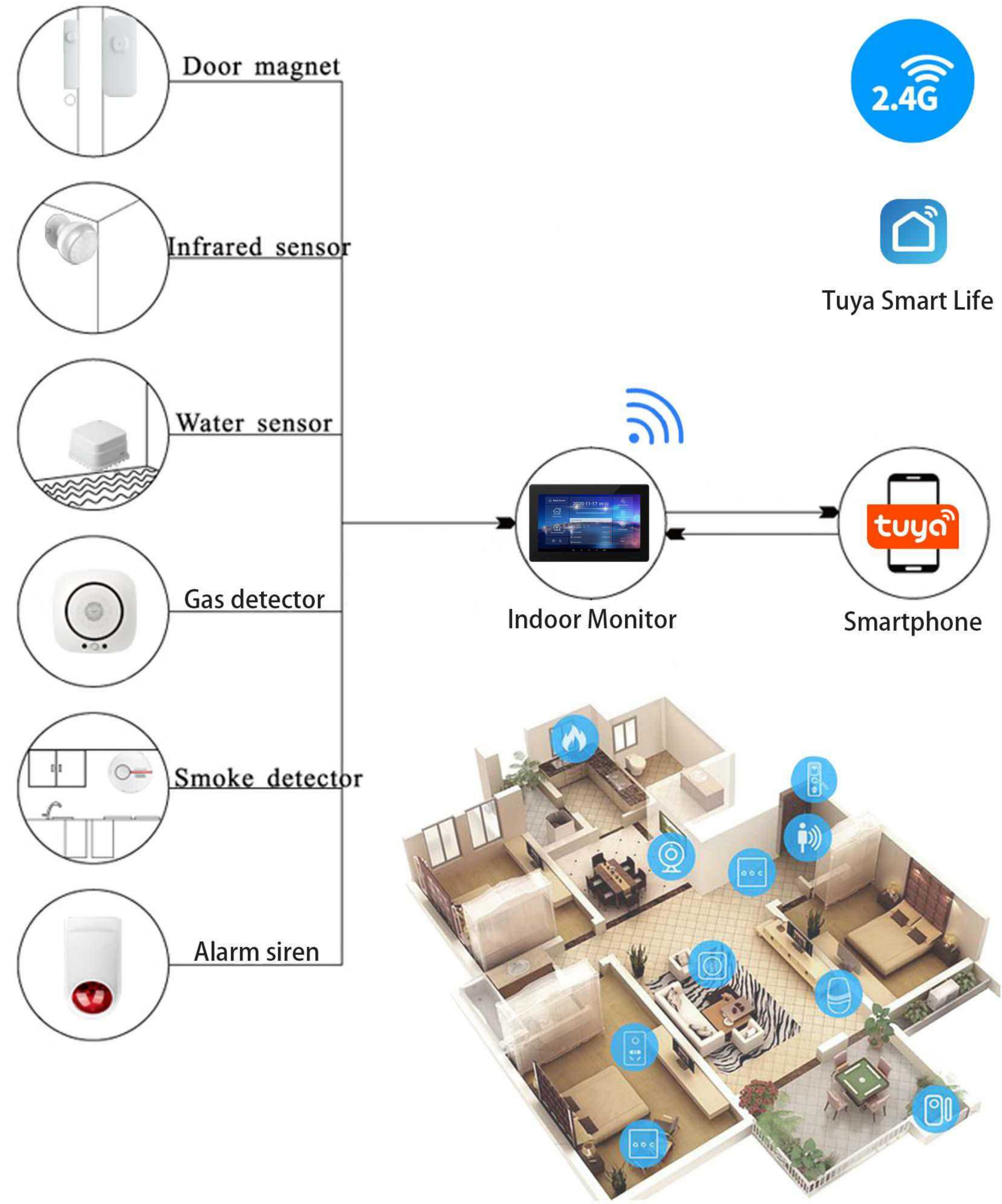
# Smart Home Life

by Taichuan



# WiFi Smart Sensors

2.4GHz WiFi One-Key Connection. Do not need home gateway, you can easily achieve the intelligent control of home appliances, simple operation, easy to use.



# Human Fall Sensor

Taichuan human fall alarm sensor integrated with advanced millimeter wave radar technology, can accurately detect whether there are people, movement or stillness in the detection area. 2.4GHz WiFi One-Key Connection, easy and convenient to use.



Powered by  
**tuya**  
Intelligence  
Inside



Human  
Detection



mmWave Radar  
Detection



Fall  
Detection



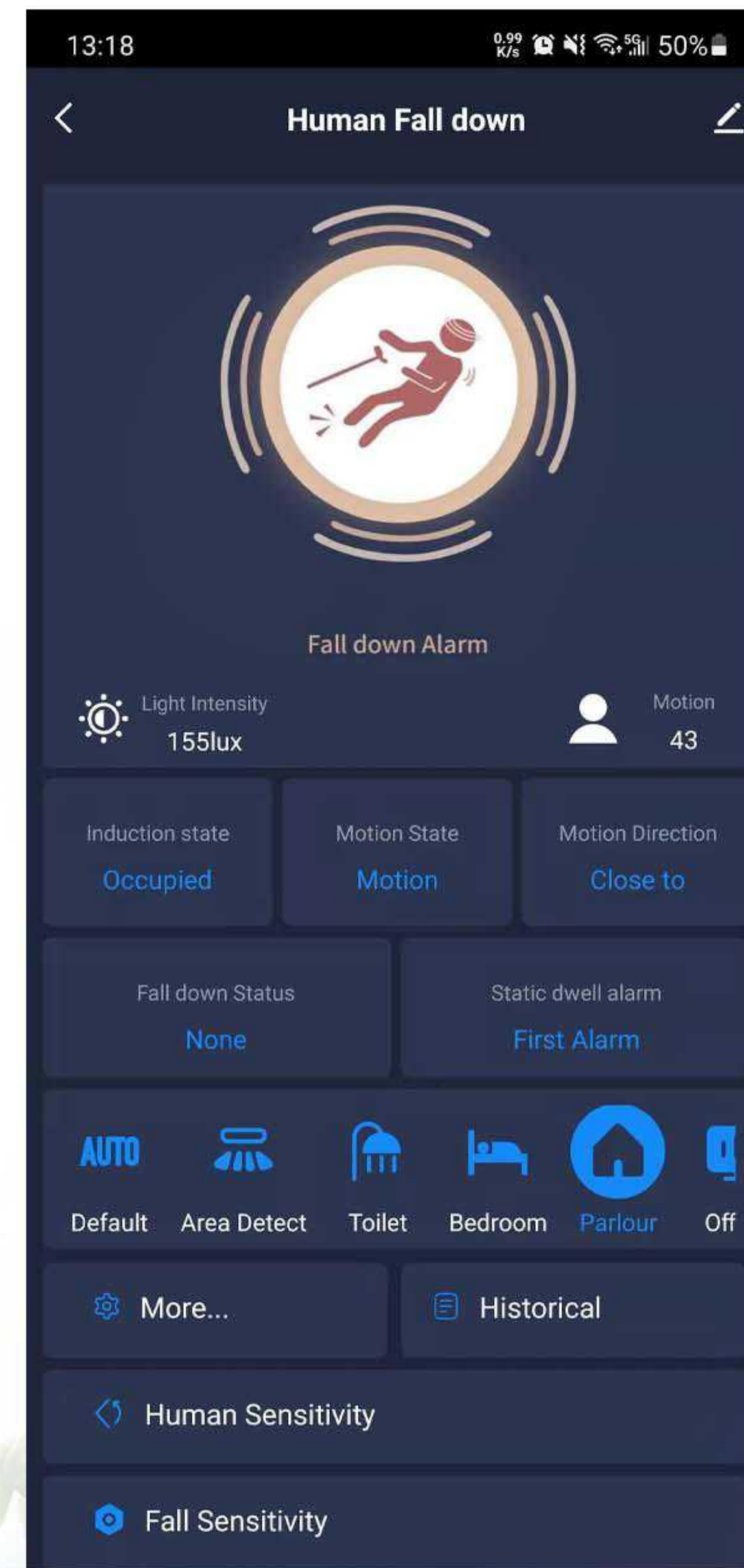
Light  
Control



App  
Alarm



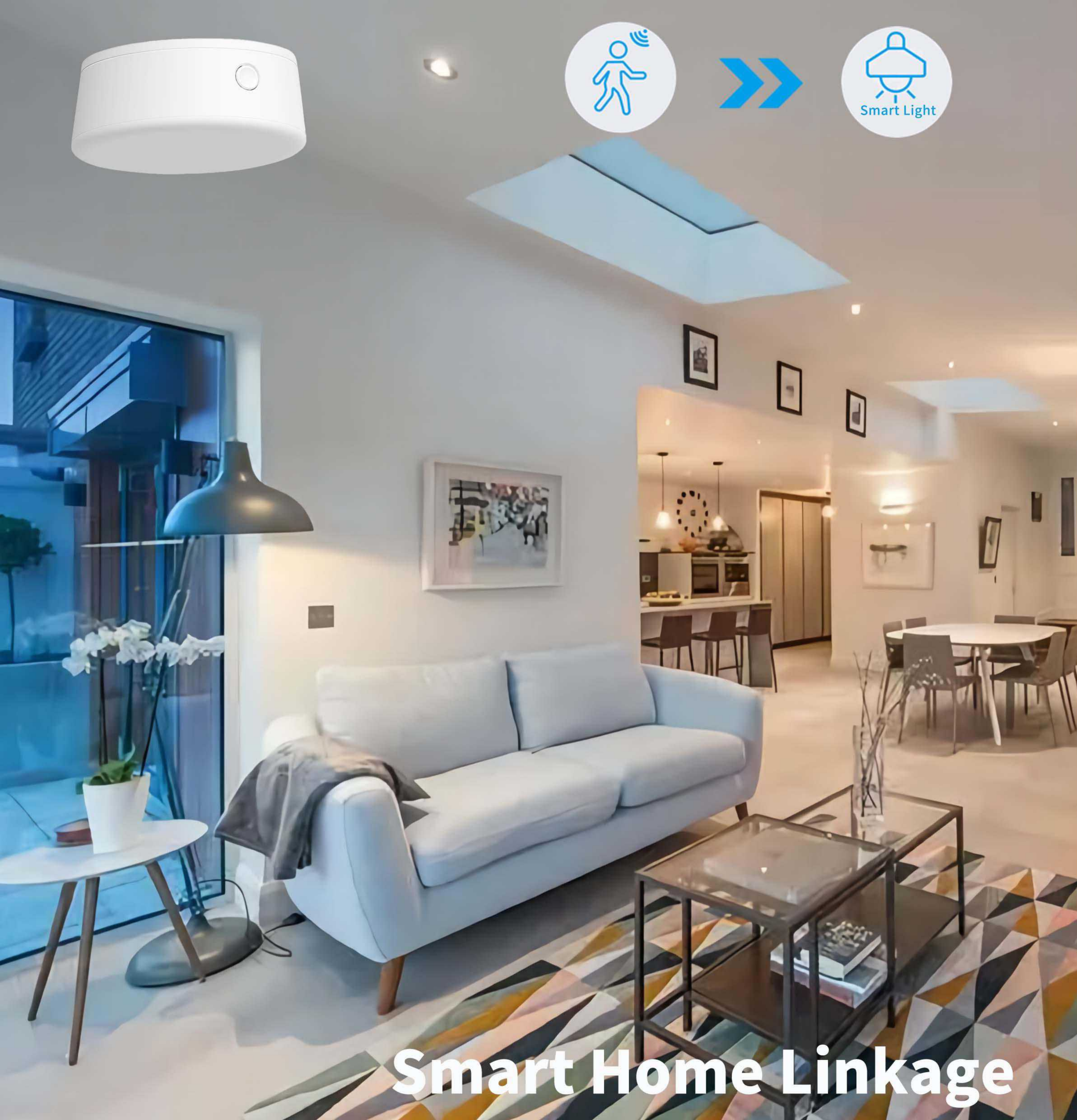
Smart home  
Linkage



## Elderly Care







# Smart Home Linkage



FDA1-W

## Specification

- Wireless type: 2.4G WiFi
- Communication distance: 100m (open air)
- Detection methods: Millimeter wave doppler radar
- Radar frequency: 24GHz
- Detection angle:  $\leq 90^\circ$
- Illuminance detection: Support (1-20000 lumens)
- Working voltage: 5V (Type-C)
- Working temperature:  $-10^\circ\text{C}$ - $55^\circ\text{C}$
- Working humidity: 5%-95%RH (No-condensing)



MIR-HE200-WF

## Specification

- Wireless type: 2.4G WiFi
- Communication distance: 100m (open air)
- Detection methods: Millimeter wave doppler radar
- Radar frequency: 24GHz
- Detection angle:  $\leq 90^\circ$
- Illuminance detection: Support (1-20000 lumens)
- Working voltage: AC 100-240V
- Working temperature:  $-10^\circ\text{C}$ - $55^\circ\text{C}$
- Working humidity: 5%-95%RH (No-condensing)
- Demension: Dia. 80\*65\*45mm



# Top Touch WiFi Switch



TC-X9DK-01/WF



TC-X9DK-02/WF



TC-X9DK-03/WF

## Specification

Wireless type: 2.4G WiFi  
Communication distance: 50m (open air)  
Dimension: 86mm x 86mm x 9mm;  
Installation depth: 24mm;  
Power supply: AC110~240V  
Max load: 1200W/gang;

## Specification

Wireless type: 2.4G WiFi  
Communication distance: 50m (open air)  
Dimension: 86mm x 86mm x 9mm;  
Installation depth: 24mm;  
Power supply: AC110~240V  
Max load: 450W/gang;

## Specification

Wireless type: 2.4G WiFi  
Communication distance: 50m (open air)  
Dimension: 86mm x 86mm x 9mm;  
Installation depth: 24mm;  
Power supply: AC110~240V  
Max load: 450W/gang;



TC-X9DK-01/WF

### Specification

Operating voltage:3.7V 500mA lithium battery  
 (5V/1A micro USB charging port)  
 Detecting distance:≤9 meters  
 Detecting angle:115°  
 Power consumption:max current≤90mA,  
 standby current:≤ 20μA  
 WiFi:2.4G frequency support,802.11 a/b/g/n  
 Installation way: wall-mounted/ceiling-mounted  
 Anti-white light interference: ≥8000LUX  
 Dimension: Dia.55\*78mm



TC-X9DK-02/WF

### Specification

Operating voltage:AC100-240V  
 Average Consumption:< 2W  
 Alarm Sound: 75dB/m  
 Alarm Density: 6%LEL±3%LEL(Natural gas)  
 WiFi:2.4G frequency support,802.11 a/b/g/n  
 Control Output: Solenoid valve output(12V/100Kpa)  
 Alarm Output: Relay output NC/NO optional(Default NC)  
 Working temperature:-20°C-50°C  
 Working humidity: 10%-95%RH  
 Dimension: 103\*103\*46mm



TC-X9DK-03/WF

### Specification

Operation Power: 2-AAA batteries  
 Power consumption: alarm current ≤300mA,  
 standby current ≤30μA  
 WiFi: 2.4G frequency support,802.11 a/b/b/g/n  
 Alarm Indication: red running lights  
 Sound Level: ≥85dB/3M  
 Monitoring Range: 30 square meters  
 Working temperature:-10°C-50°C  
 Working humidity: 10%-95%RH  
 Dimension: R128\*46mm



TC-X9DK-01/WF

### Specification

Operation Power: 2-AAA 3V dry batteries  
 Power consumption: alarm current ≤300mA,  
 standby current ≤10μA  
 WiFi: 2.4G frequency support,802.11 a/b/b/g/n  
 Alarm Indication: LED flashing and network LED  
 Monitoring Range: 3 square meters  
 Dimension: 65\*65\*40 mm



TC-X9DK-02/WF

### Specification

Power: 3.7V lithium battery(500mA lithium battery)  
 Charging way: micro-usb 5V/1A  
 Power consumption: peak current ≤300mA,  
 standby current ≤5μA  
 Installation: paste type  
 Application environment: indoor  
 Dimension: Sensor:70\*30\*15mm, Magnet:52\*13\*10mm



TC-X9DK-03/WF

### Specification

Operation Power: DC9V  
 Backup Power: 6V NiMH battery(300mAh)  
 Power consumption: Peak current ≤200mA,  
 standby current ≤120mA  
 Alarm Indication: LED flashing and network LED  
 RF:315/433/868Mhz(ev1527 330K Resistor/SC2262 4.7M Resistor)  
 Alarm Sound Level: 130dB(1m)  
 Dimension: 200\*113\*70mm