

2-Wire Digital Video Intercom Kit



2-Wire Installation

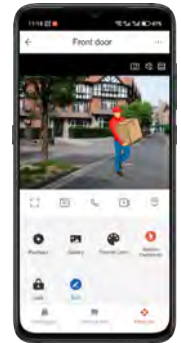
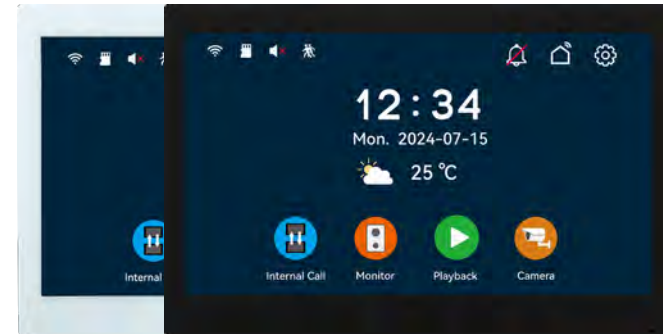


Polarity protect

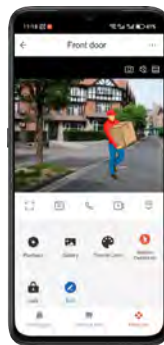
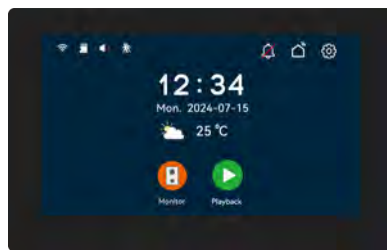
Connected intercom panel and monitor via 2 wires.

1 intercom panel and 2 monitors can be connected per family.

Access 24 onvif cameras in same LAN.



2x 10.1-Inch IPS
Touch screen
and connect camera



1x 7-Inch IPS
Touch screen



Tuya Smart



Smart Life

1080P

FHD



2.4G WiFi



Monitoring



Playback



Camera



Weather



Gate



Door



Video



Photo



Human Detection



Weatherproof



Night vision



Talk

2-Wire Installation & Unlock



2-Wire Installation

Flexibility to replace the existing 4-wire intercom kit accordingly;



Polarity Protect

Protects your videophone against wiring errors;

Note: The distance that the signal can be transmitted will be different depending on the wire materials used.

Distance Wire rod		
Parallel 2-core cable (D 0.3mm)	25 m	3m
2-core RVV (D 0.5mm)	100 m	15 m
2-core RVV (D 0.75mm)	120 m	15 m
2-core RVV (D 1.5mm)	200 m	15 m
Standrad Category 5 cable (Twist pair)	250 m	20 m



Door Exit

Press and hold the 'Exit' for 3S to open the Gate, and press quickly to open the Lock.



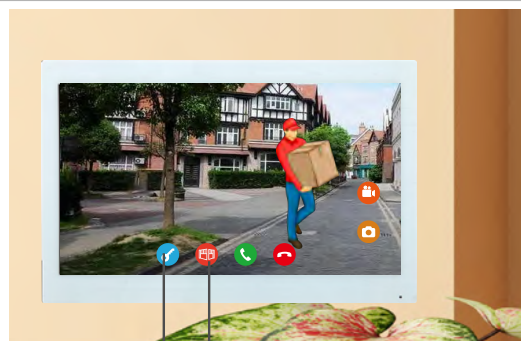
Gate/Door Dual Controls



Unlock via APP, RFID badges, Indoor monitor, Door exit



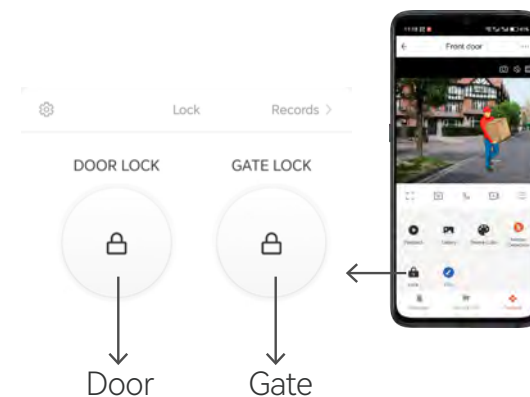
Swipe once to open the Door, Hold for 3S to open the Gate.



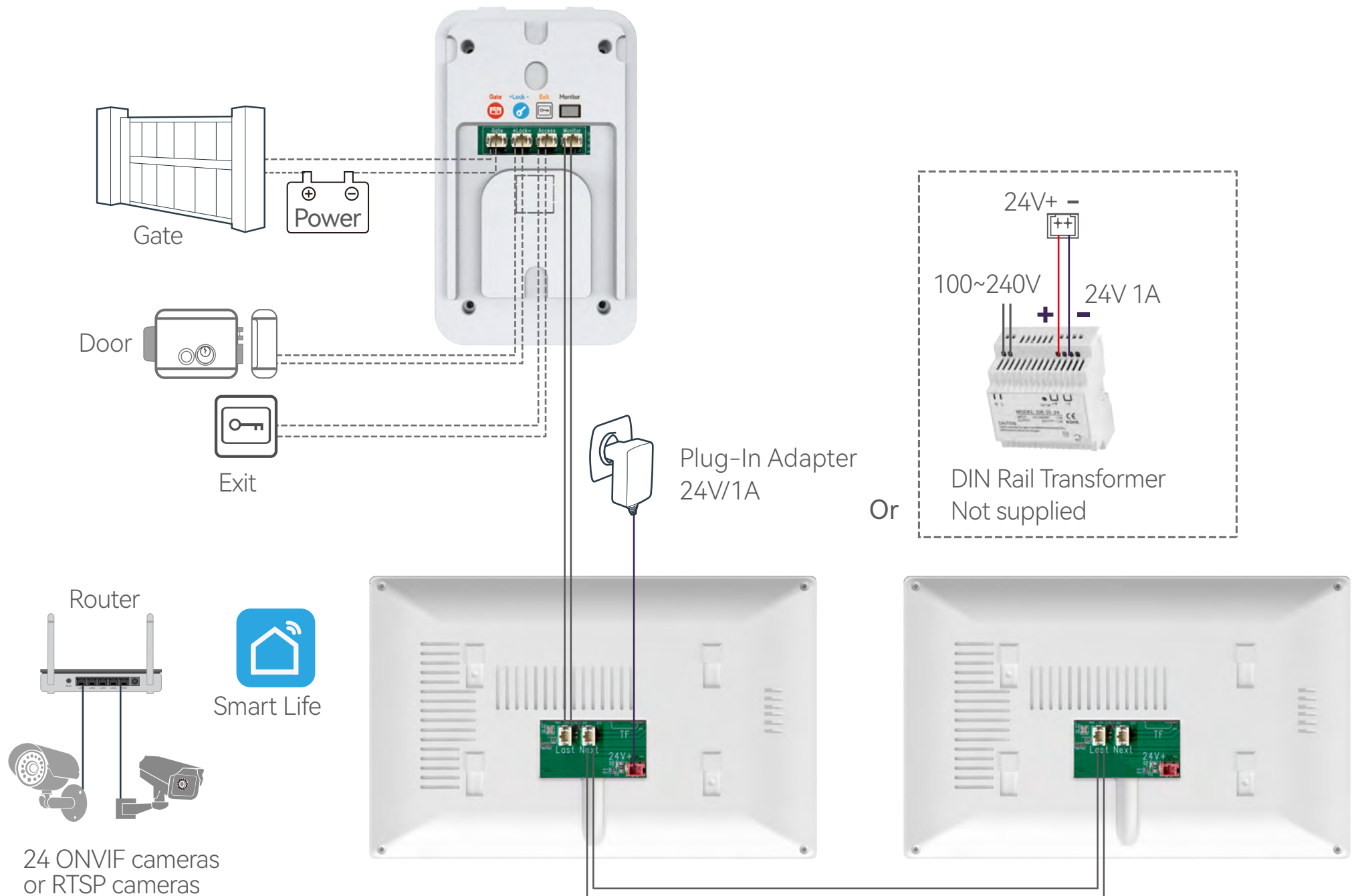
Door
Gate



Quick press to open the Door, long press for 3S to open the Gate



Wiring



Set the 13.56Mhz RFID badges

Adding or Deleting up to 100 RFID badges is easy.

Serial number	IC Card Number	Create Time		
3	16909060	2024-07-15 10: 12		 Add IC Card
2	4204894145	2024-07-15 10: 10		
1	108646479	2024-07-15 10: 08		 Delete All



NFC supported phones can be added as user cards, open the door directly by swiping the NFC part

APP download and Unlink account



APP download



APP scan QR Code



Unlink account

Connect APP and Unlink account

User can easily connect the video intercom to the APP.
The user can unlink this account and reconnect to the APP.

Screensaver



Time and Weather

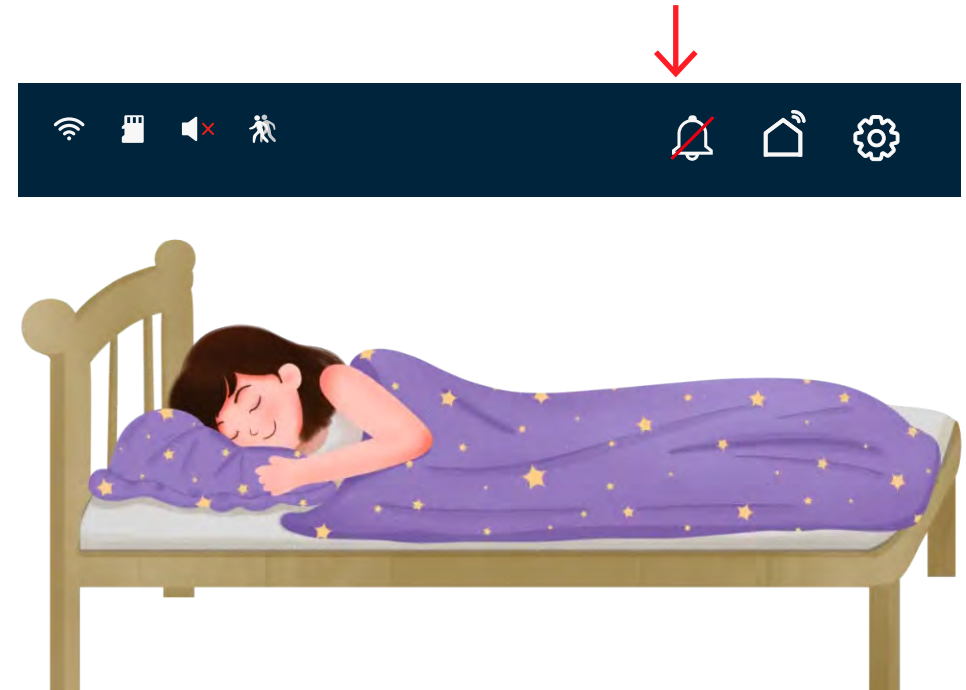
Checking the time and weather helps when going out

Ringtons setting and do not disturb

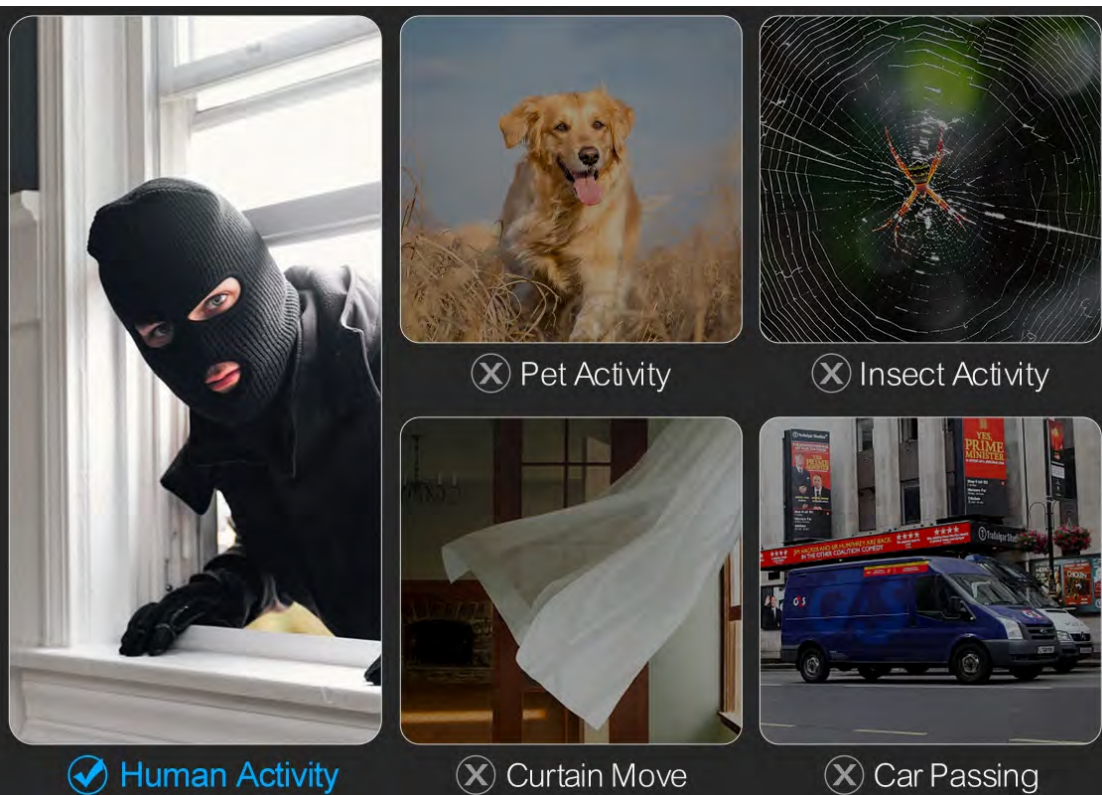
Set the ringtone to 0 during the sleep period

☐ Time_1	☐ Time_2	☐ Time_3	☒ Time_4
08:00	12:00	13:30	22:00
}	}	}	}
12:00	13:30	22:00	8:00
Ringtones		1	▼
Ring time(sec)		5	▼
Ring volume		◀ 0 ▶	

Set to Do Not Disturb Mode



Human Detection

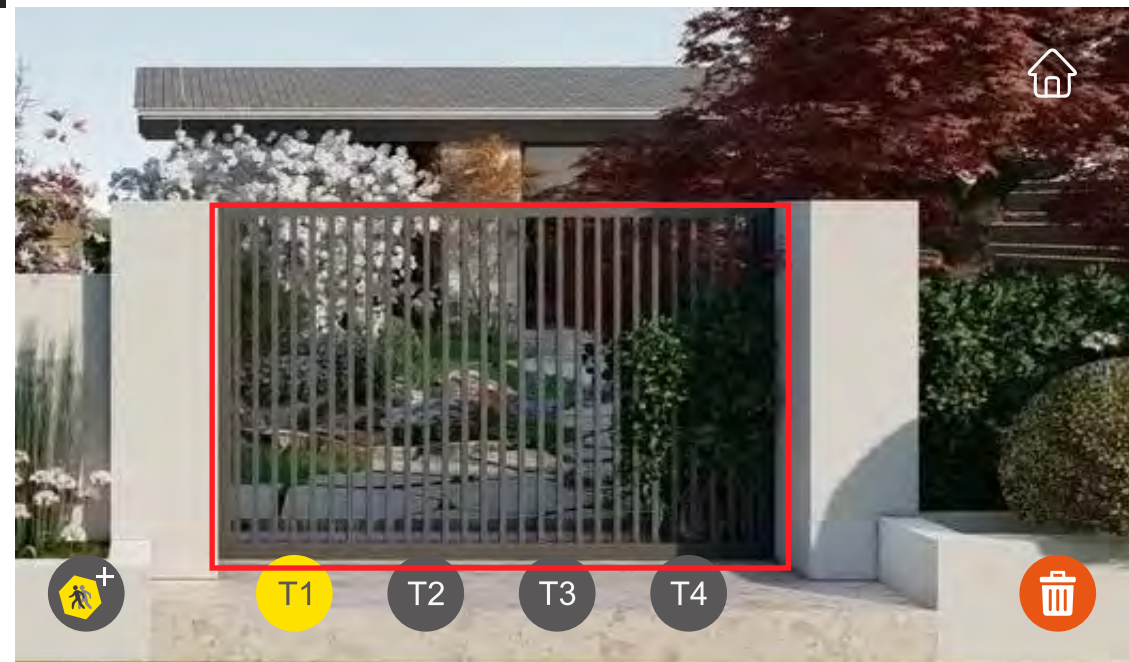


Set up motion zones to reduce unwanted alerts

Create the specific areas that you want to receive motion alerts from. It can save you the trouble of unwanted alarms from out of designated areas.

Human detection

Only when someone pass the alarm area,
The camera will send alarm photo or video,
You can always fine tune the detection sensitivity



Connect Onvif & RTSP Camera



Compatible with Onvif and RTSP cameras

Search the cameras then input username and password then add the camera to list of monitor.
Display your camera's image on your monitor screen after add these cameras



More settings in menu of the indoor monitor

Setting for Intercom panel

1. Doorbell button light
2. Doorbell intercom volume
3. Doorbell ringback volume
4. Record mode for calling and human detection
5. Door closing delay time (sec)
6. Gate closing delay time (sec)
7. Add and delete the RFID badges(13.56MHz)
8. Human detection
9. Update the software of Doorbell

Setting for Indoor Monitor

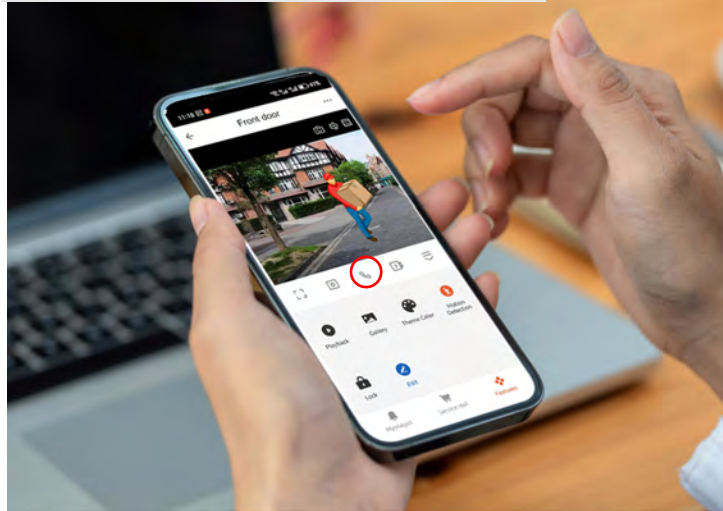
1. Touch tone
2. Intercom volume of monitor
3. Ringback volume of monitor
4. WLAN
5. Languages
6. Format SD
7. Screensaver
8. Screen brightness
9. Update the software of monitor

Two-way Talk

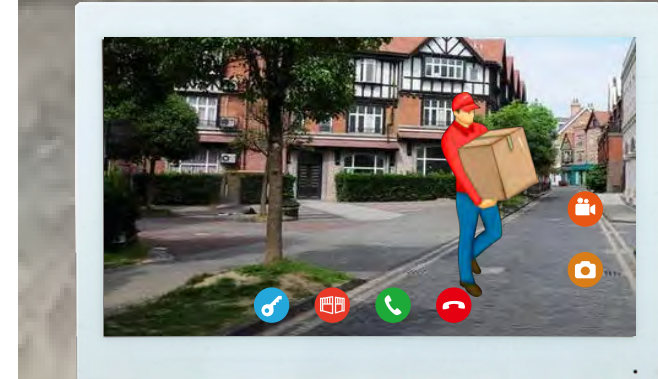
Hi, you have a delivery!



OK, please leave it at the door.



OK, please leave it at the door.



Call another monitor

Calling indoor monitor2



Hangup

Calling from indoor monitor1



Talk



Hangup

WDR

WITH WDR

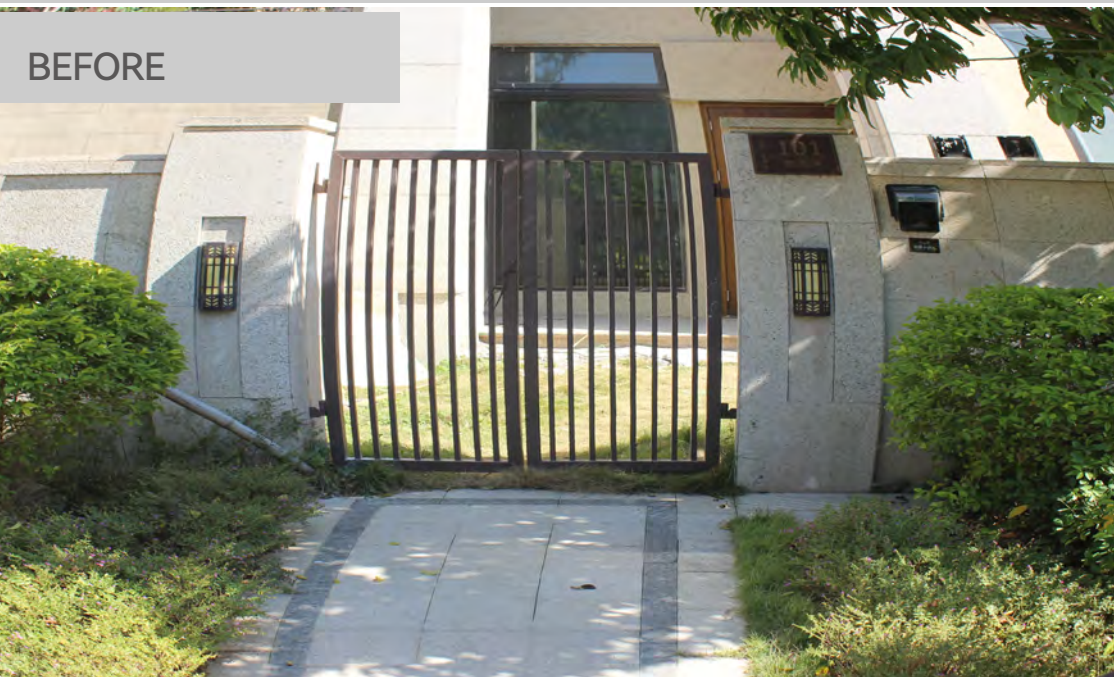


W/O WDR

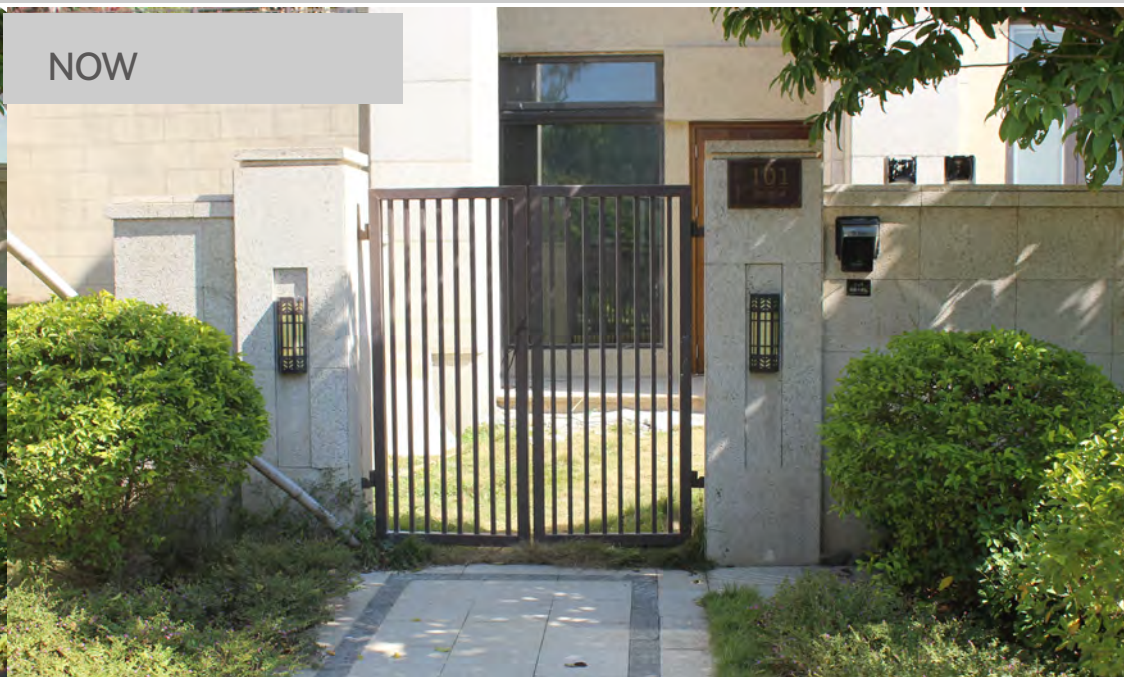


Image distortion correction for wide-angle lenses

BEFORE



NOW

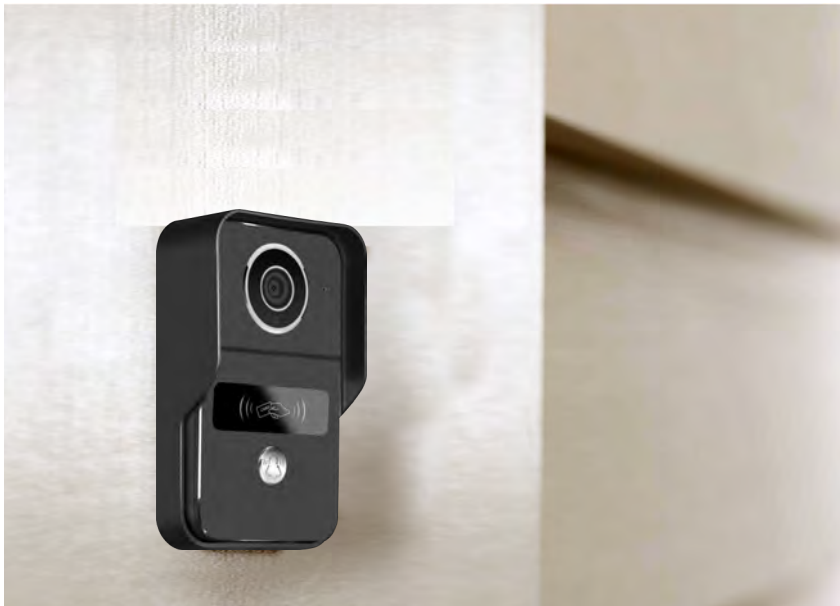


Product drawing



7-Inch IPS
Touchscreen

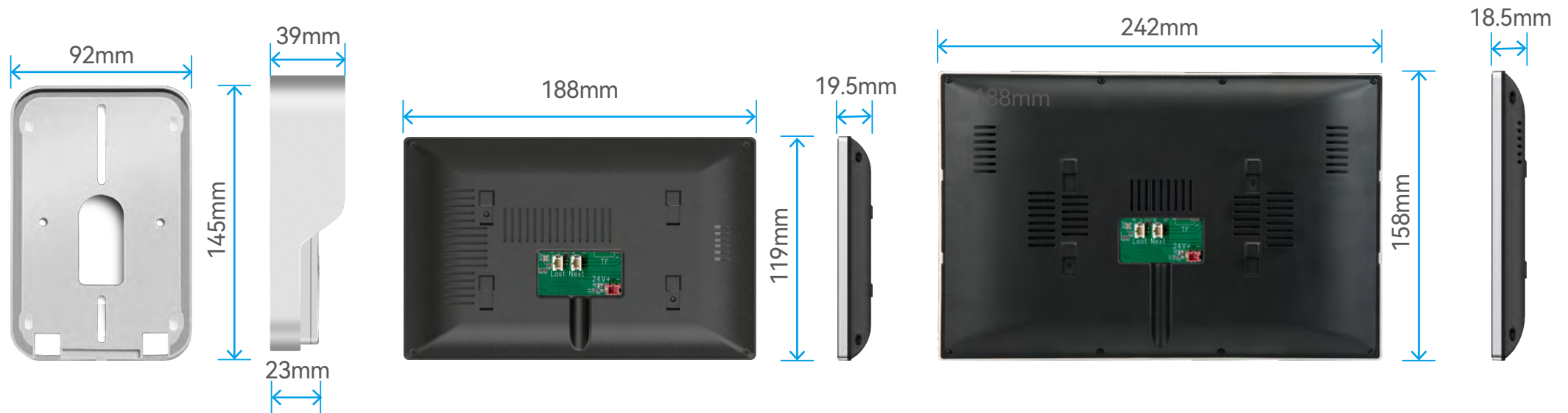
10.1-Inch IPS
Touchscreen



7-Inch IPS
Touchscreen

10.1-Inch IPS
Touchscreen

Product size



Kit contents



Intercom panel



Hex screwdriver and Screws



5x RFID badges



6x 2P wire



8 Wire Connectors



1x doorbell + 1x 7" monitor
214*155*89mm



1x doorbell + 1x 10.1" monitor
265*172*88mm



7" or 10.1" monitor



Wall bracket



24V 1A
power adaptor



Power cable



2P test wires



1x doorbell + 2x 7" monitor
214*155*120mm



1x doorbell + 2x 10.1" monitor
265*172*116mm

Specifications

Indoor Monitor

Screen: 7" or 10.1" 1024 x 600 IPS touchscreen
Memory: Micro SD card class 10 up to 256GB
Video decoding: H.264
WiFi: 2.4 GHz WiFi IEEE 8111 b/g/n
Current consumption: 150mA, Power consumption: 3.5W
7inch monitor dimensions: 119 (h) x 188 (w) x 19.5 (d) mm
10.1inch monitor dimensions: 158 (h) x 242(w) x 18.5 (d) mm
Function: Take photo, video, unlock gate and door, human detection, weather display
Call: Monitor can talk to another monitor
Playback: Video recording after the call or human detection
Finish: Black plastic or silver plastic
Languages: English, 简体中文, Deutsch, Español, Français, Italiano, Nederlands, Polski, Português, Русский, Türkçe,

یسراف، ٲیبرعلا ءغلل

APP

Master indoor monitor connects to "Tuya Smart" or "Smart Life" App
Function: 20 App users connect to the APP, users can talk to visitors anytime and anywhere, take photo or video, monitor, unlock door and gate, cloud storage
Playback: Push photo and video to APP when motion detection or call

Intercom panel

Image Sensor: CMOS colour sensor 2Mega pixels
Viewing angle: 130°H, 75°V, 155° (Diagonal)
Day & Night: IR CUT no color deviation (4 IR LEDs, max. 6m)
Current consumption: 220mA, Power consumption: 5.5W
Camera with wide dynamic range
Camera distortion correction to avoid video stretching and bending
Human detection and setting Motion zone
Unlock: Twin controls for the lock and gate
RFID badges: Max 100pcs RFID badges(13.56MHz)
IP Grade: IP44 with shield cover
Finish: Black aluminium and plastic or silver aluminium and plastic
Operating temperature: -30°C / +70°C
Dimensions: 145(h) x 92 (w) x 39 (d) mm

Connection and Function

Connection: 2 wire no polarity, capable with 4 wire, digital signal
Power supply: 1 Intercom panel and 2 monitors connected to one 24V 1A power supply
Onvif cameras: Connect up to 24 Onvif cameras in the same LAN
Strike plate control: 12V, 1.1A, 1.5S
Gate control: breaking capacity: 12 V/2 A max.