Instruction Manual_IPC128

Outdoor IP Camera

Monitor your home in Full HD 1080p resolution.
Humanoid detection technology can improve the alarm accuracy to save battery power.
Water resistant design for use in any climate.

Contents:

Safety Precautions

1. This product is IP65 waterproof and shall not be used in water.

2. The working temperature of the product is 0°C～45°C.

3. Please contact the seller for assistance if there is any problem with the product and do not try to disassemble or repair the product without

authority.

4. It is normal that the product body temperature goes up when the product is working.

5. Please do not short-circuit the product.

6. Since this product has a magnetic base, please do not place this product in a strong magnetic field environment. To avoid any damages to the magnetic base.

Product Ddescription and introduction

This product is a Wi-Fi smart IP camera with low power consumption and easy installation. It has a variety of functions such as, remote monitoring, leaving messages and photos, photo and video taking, motion detection, message push, infrared night vision, rainproof, …etc. Users may supply power to the IP camera by built-in lithium batterybuild in battery charging

Introduction of the Product
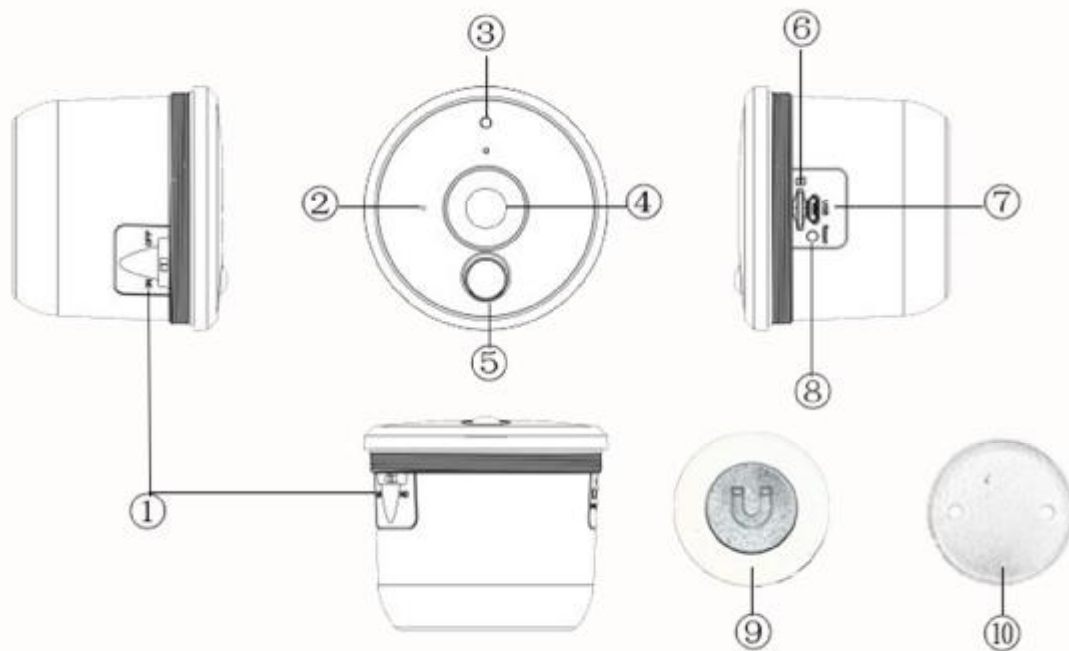
1. Power switch (Please switch on the camera when using it)
2. LED working indicator

No.	Status	Red	Blue	Remarks
1	Powered off	Off	Off	
2	Powered on	On	On	
3	Network pairing	On	Flashing	Blue light keeps flashing for network pairing
4	Connected to network	Off	On	
5	Charging	On	On	
6	Fully Charged	Off	Off	
7	Standby	Off	Off	
8	Establish encrypted channel	Off	On	
9	Reset	On	Flashing	Flashing blue light for connection pairing

3. IR LEDs for night vision (Max. 5 meters)
4. Camera lens
5. PIR sensor (Max. 5 meters)
6. microSD card slot (2GB~32GB / Class 6 or faster)
7. Micro USB port (for battery charging)
8. Reset button
9. Magnetic base
10. Metal plate

Waterproof shell installation: Please install the waterproof shell to prevent rainwater directly spilling onto the device. Rotate the waterproof shell clockwise to the main camera body until it is securely fixed.

Note: Please tighten the waterproof shell to the camera body for liquid avoidance. It is against the warranty service if the product did not follow the installation instruction.
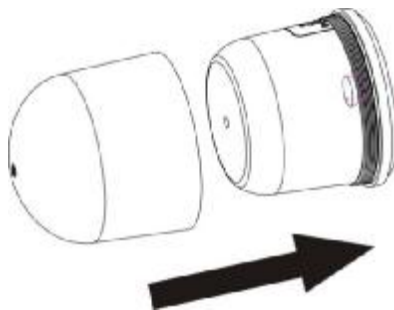

Fixing the camera on the wall
1. Drill two holes on the wall based on the two holes on the metal plate.
2. Fit the rubber expansion plugs into the holes.
3. Fix the metal plate on the wall.
4. Place the magnetic base to the metal plate.
5. Place the camera to the magnetic base.
6. Adjust the camera gently to the preferred angle.
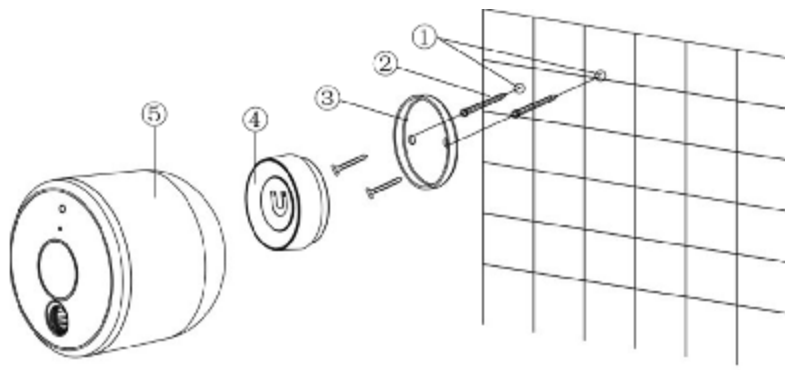
Charging

Please charge the device first before using it. Users could use the computer USB interface or adapter (not included) to charge the device. Reference as below:
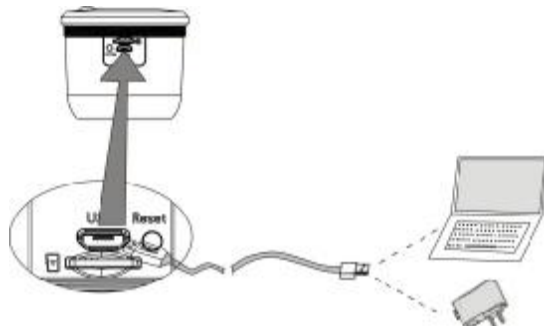
Note: It is recommended to use an adapter (5V/2A) to charge, it will take about 4 hours to fully charge the

battery. The charging time of the USB interface would be longer due to the smaller current.

microSD card installation

This device supports the use of microSD card to storing video files. The support capacity is 8GB to 32GB. It is recommended to use microSD card with Class 6 or faster. Insert the microSD card into the slot of the device as shown below:

Turn on/off the device

Off mode: The red and blue light each will flash once during activating while the user switches the power switch to 'ON'.

On mode: User could turn off the device by switch 'Off', all the indicators will turn off.

Note: The camera will enter the standby mode when it has been idle for more than 15 seconds.

How to reset the camera

1. Long press (5 seconds) the reset button, red lights on and turn to flashing blue light for connection.
2. Please follow the instruction of 'Wi-Fi Connection'.
3. The flashing blue light will turn to red light, then blue light keeps on. It means the camera has connected to the Wi-Fi.

Obtaining the App

This IP camera supports external devices such as mobile phones that the O/S versions are Android 5.0 or later, and iOS 10.0 or later.

The App can be obtained by the following two ways.
1. Download the App from Google Play/Android Market or App Store.
(a) Android devices: Please search "**TuyaSmart**" from Google Play/Android Market.
(b) iOS devices: Please search "**TuyaSmart**" from App Store.

2. Use the external device to scan the following QR codes, available for both Android and iOS system.

Note: Scan the QR code, it will turn to default browser (e.g. Safari), then open it to the Google Play or App Store to download the App.

I   Register an account

TuyaSmart - Smart Life Smart Living
Tuya Inc.

OPEN

tuya

Register

Log in with existing account

< United States

Register

United States of America +1 >

Mobile number/e-mail address

Obtain verification code

☐ I agree with Service Agreement and Privacy Policy

a) Open the App

b) Register

c) Users could use mobile phone number or email address to create an account.

d) Users will receive a 6-digit code from text or email.

e) Set a password including alphabets and numbers.
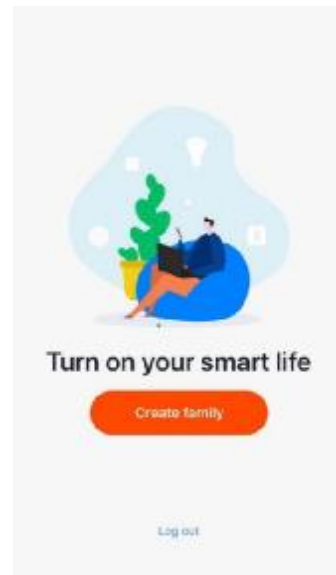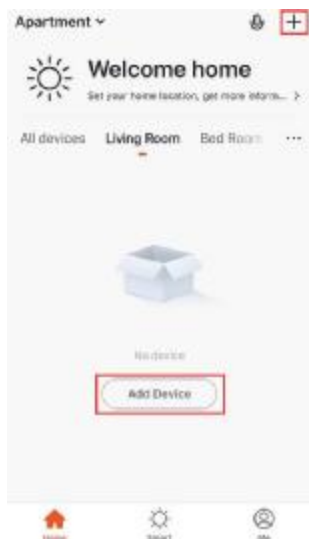
f) Create family to add devices.

I   Wi-Fi Connection

Preparation
1.   Turn on the camera by setting the power switch at "ON". The LED working indicator will start flashing which suggests that the camera is ready for network connection.
2.   Make sure the external device is connected to a Wi-Fi router.

I   Methods of adding advice

a.) Open the App and click '+' as shown in the picture.

b.) Select 'Security & Sensor', choose 'Smart Camera'.

c.) Press 'next step'

Enter Wi-Fi Password

Only support 2.4GHz Wi-Fi network

📶   Change Network

🔒

OK

Scan with the camera

When you tap CONTINUE, the mobile phone displays a QR code. Hold the camera 15 to 20 cm in front of the mobile phone for the camera to scan the QR code.

— 15~20cm —

Continue

Heard nothing at all

Heard the beep

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d.) Enter the Wi-Fi password; Make sure the product and mobile device are in the same Wi-Fi area.

The connection only support 2.4 GHz Wi-Fi network, 5GHz is not available.

e.) Scan with the camera

Press 'Continue'

f.) There will be a QR code.
Hold the IP camera 15 to 20cm in front of the mobile device for the camera to scan the QR code.

When the blue light stop flashing, press the 'Heard the beep' for the next step.
(As to the camera does not have speaker.)

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Connecting

Make sure your router, mobile, and device are as close as possible

100%

✓ Device found
✓ Register device to the smart cloud
✓ Initializing device

Device added successfully

186 ✎

(Living Room) (Bed Room) (次卧)

(Canteen) (厨房) (书房)

Completed

Apartment ⌄

☀ **Welcome home**
Set your home location, get more inform... >

All devices Living Room Bed Room ···

186
Online

Home   Smart   Me

g.) Connecting
It may take a few seconds.
(Please make sure the doorbell, mobile device are in the same Wi-Fi router environment.)

h.) Device added successfully
Users could check the doorbell through your mobile device.

✎ Device name could be edited.
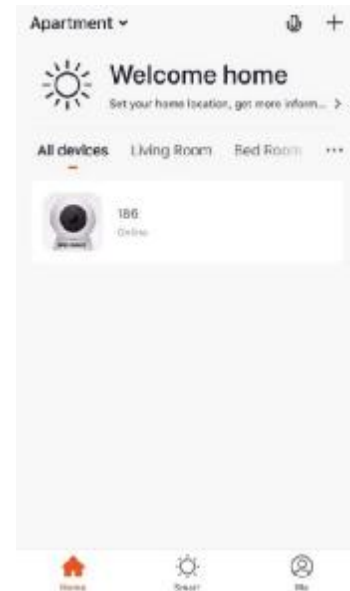
i.) Users could see all the connected devices on this page.

Live View

1. `186` Device Name

2. `•••` Settings

3. 🔇 Speaker Turn On/Off

4. `SD` Image Quality (HD/SD) Switch

5. ⤢ Switch to Full Screen

6. 🎤 Speak (NO FUNCTION)

7. 📹 Record the view of camera, video will be saved on mobile

   device.

8. 📷 Screenshot of the video, it will be saved in your mobile device.

9. ▶ Playback the video which triggered by motion detection or the

   App.
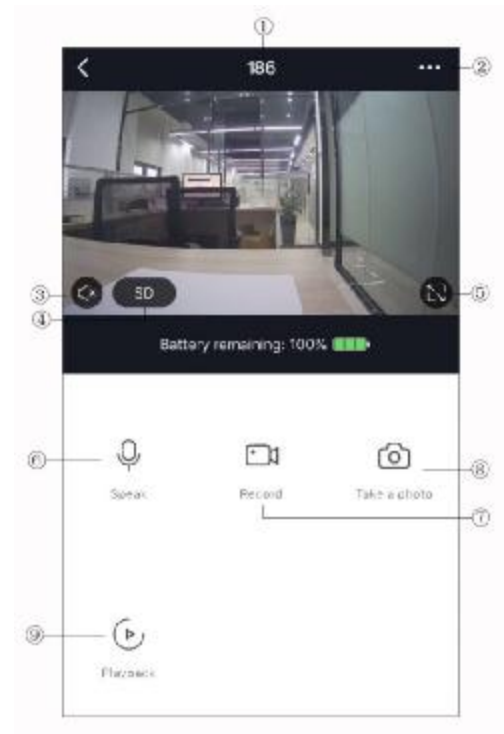
How to Playback the Saved Files:
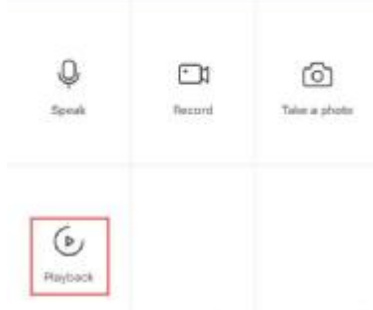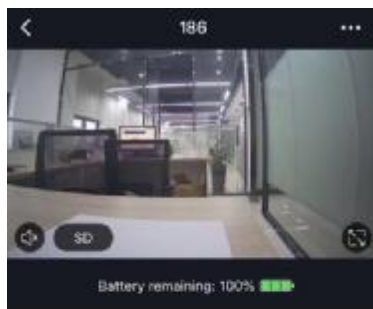
a) Choose the device, get into the live view, press the 'Playback' (Only available when the microSD card inserted.)
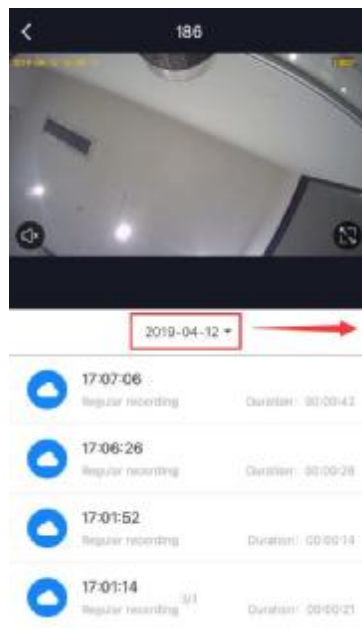
b) Users could review the videos that have filmed by the camera.

c) Users could choose the date review videos.

l   Device Name: Users could modify the device name.

l   Share Device: Users could share the device to your trusted-one.

l   Device Information: Users could see the device owner, ID…etc.

l   Power management setting: Battery capacity, low battery alert setting.

l   Basic function settings: Flip screen, time watermark for video, speech method.

l   PIR on/off switch: Users could turn on/off the PIR and set the sensibility of PIR. (If users don't want to receive alert for motion detection, you could turn off the PIR or set low sensibility of PIR.)

l   Memory card settings: Users could check the memory of the card and wipe off the microSD card memory.

l   Feedback: Users could submit problems or advices to the service provider to optimize the service.

l   Firmware information: To view the information of current and previous firmware version.

l   Remove Device:

a)   When users want to change the internet connection, please press 'Remove Device' and reset the camera to repair with new Wi-Fi.

b)   No longer to use the camera.

How to Check the Alert in the App:
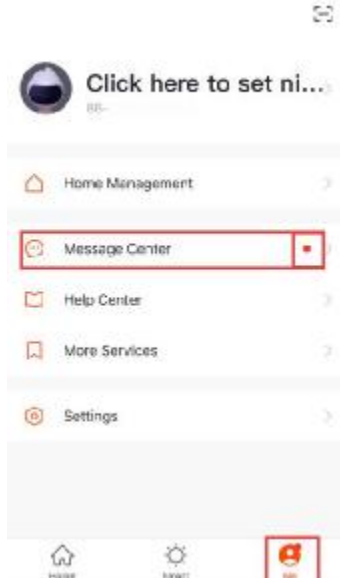
a) Choose 'Me'

b) Message Center: Red dot means that there is a new alert has not been read.
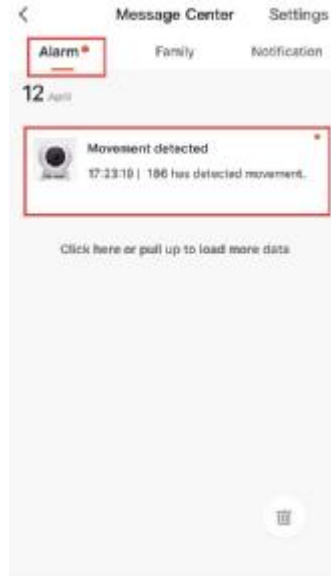
c) Users could view the alerts from 'Alarm', such as 'Movement detected'. Press the message to view the photo.
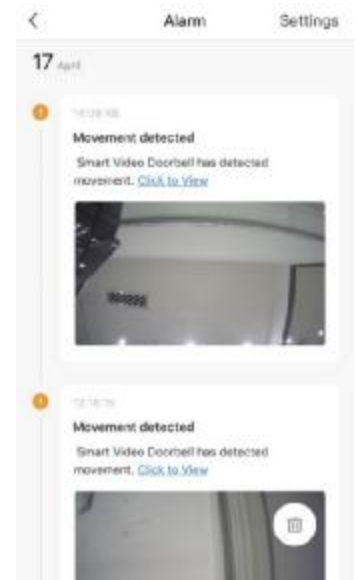
d) Users could view the photo which taken by the camera when someone passes through the camera with the range of 5 meters.

Video could review from Live view 'Playback'. (microSD card needed.)

'Click to view' is to view in real time.

Specification

Image sensor	Type	Color CMOS
	Resolution	2.0MP
Lens parameters	Viewing angle	100-degree
Video parameters	Video format	.mp4 (H.264)
	Frame rate	15fps
	microSD card	2GB~32GB, Class 6 or faster
Audio	Input	Built-in microphone
Wireless	Wi-Fi	2.4GHz, IEEE 802.11b/g/n
Battery	Capacity	Approx. 4,000mAh in total
Others	Remote waking time	2~5 seconds (Depending on Wi-Fi signal strength)
	Infrared	IR-CUT with double filters and automatic switch
	PIR alarm	Supported
Environmental conditions	Working temperature	0°C～45°C
	Working humidity	20%～85% (non-condensing)
Supported O/S versions	Android: 5.0 or later	
	iOS: 10.0 or later	
Waterproof level	IP65	

FCC STATEMENTS

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is

connected.

- Consult the dealer or an experienced radio/ TV technician for help.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement. The device can be used in mobile/fixed (Min 20cm) exposure condition without restriction.