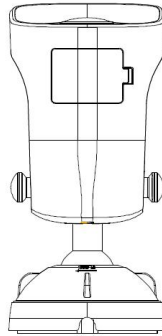# Smart Outdoor Camera

User's Manual

Model No. IPC176

Statement：Thank you very much for purchasing our products. If you have any questions or needs, please feel free to contact us. Please read this manual carefully before using the product and keep it properly.

The contents in this manual only provide guidance for users and do not guarantee that they are completely consistent with the real object. In case of any difference, the real object shall prevail.
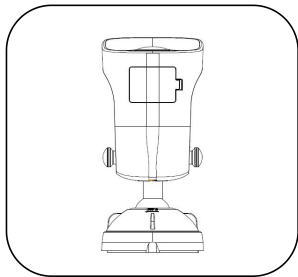
Electrical safety：Network camera power supply voltage is DC 5V current 1A. Normal operating temperature range is 0 ° C to 45 ° C. Do not place the camera to damp, dusty, extremely hot or cold environment.

Electrical safety：Before using the camera, please read this manual carefully and check whether the power supply is correct. When installing the camera, avoid focusing on strong light (such as lighting, sunlight, etc.), otherwise it will easily cause the picture to be overexposed. Focusing on strong light for a long time will cause damage to the lens sensor chip. When cleaning the device, use a blower to remove dust on the lens or filter; use a soft, dry cloth to clean the surface of the network camera. Do not use volatile solvents, such as alcohol, benzene, thinner, etc., to avoid damage to the surface coating.
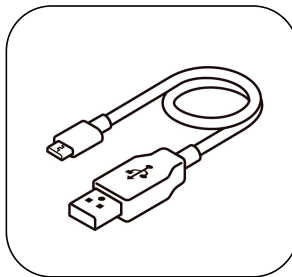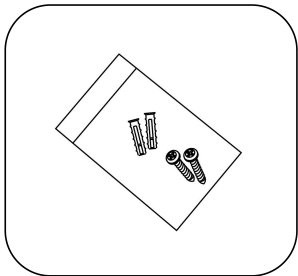
Contents：

Package content:
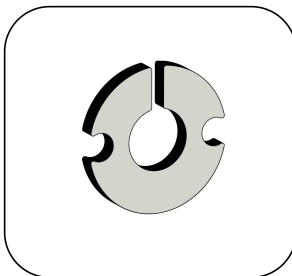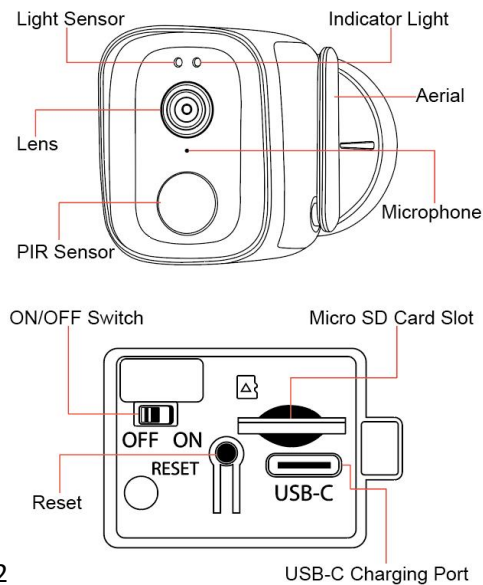
Camera

Type-C USB cable

Screws bag

Foam

Appearance of the product:

1. Description：


Item	Description
Indicator light Status	- Red: camera system working - Blinking Blue: ready to pair - Solid Blue: connected to Wifi
Reset	Press and hold the reset button for 5 seconds to reset the camera

Light Sensor

Indicator Light

Aerial

Lens

Microphone

PIR Sensor

ON/OFF Switch

Micro SD Card Slot

OFF   ON

RESET

USB-C

Reset

2

USB-C Charging Port

The device supports a TF card with capacity of 16GB to 128GB to store video files.

It is recommended that the TF card with speed higher than Class6.

Please Insert the TF card into the TF card slot of the device in the correct direction as shown in the following figure:
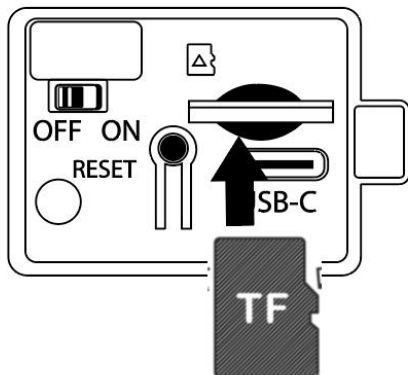
It is recommended to back up the data in the TF card first, and then format the card before putting it into the device for use. When loading the TF card, please turn off the power of the device first.

3. Schematic diagram of powering on the device:

Power on the device as shown in the figure below, then the machine will automatically start:
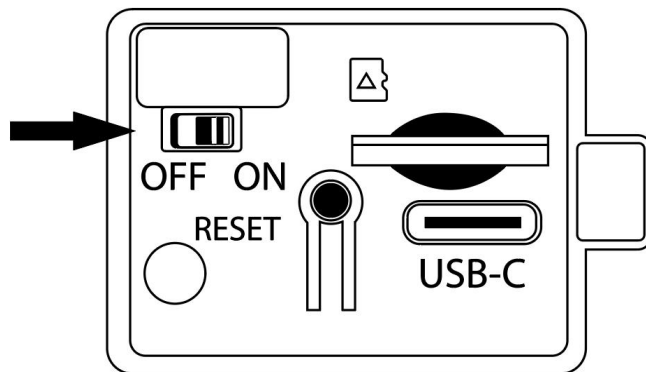
Tip: Please use the adapter included in the accessories to prevent the device from working abnormally.

APP acquisition and installation:

Download: Please go to the APP Store (Android to Play Store, Apple to APP Store) to search for "Tuya Smart", or

scan the QR code on the package, download and install the APP (). New users need to register an account for
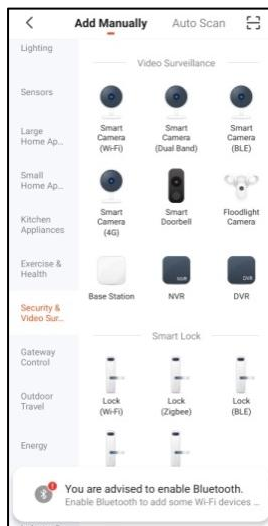
free according to the prompts.

Add the device:
1. By QR code：Power on the camera and make sure your phone is connected to a 2.4GHz networ. Open the APP, click the "+" symbol in the upper right corner, and follow the instructions step by step until the device is successfully connected to the network.
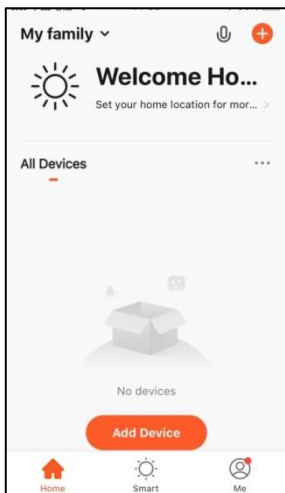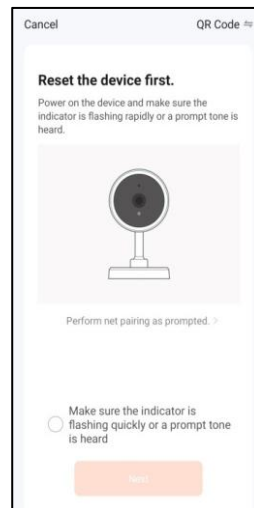
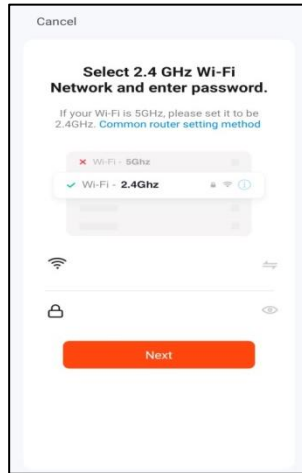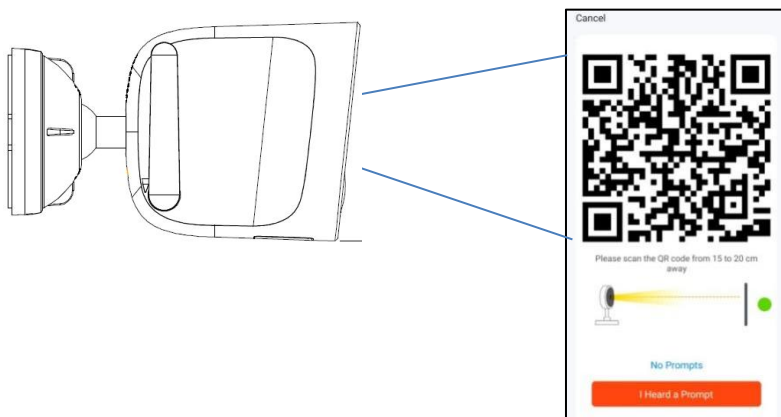Choose Secrity&Video Surveillance   Choose Smart Camera(WIFI)   Next

Enter your current WIFI account password then click Next.

Let the camera scan the QR code s shown in the following figure:

Note: When scanning the QR code to connect the WIFI, please adjust the distance properly, until you hear the prompt sound which means the QR code is scanned successfully. Then can click "I Heard Prompt" to the next step.
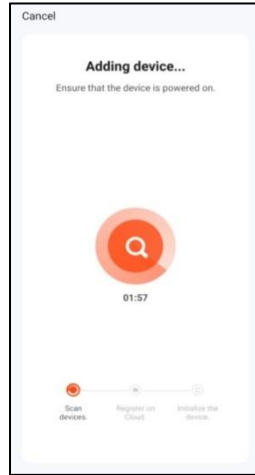
Connecting process begin. Do not turn off Wi-Fi Camera or phone while connecting. Wait for connection process to complete.

Once device has been successfully added, name the device what you would like it to be called in the app. The Wi-Fi Camera is ready for use

APP application:

Switch Between HD & SD Resolution

Camera Settings

Zoom

Camera Audio

Battery and Charging Status

Microphone

Fullscreen Mode

More Options

Take Photo

Record Video

Playback Recorded Media on Connected Smartphone.

Switch Between Light & Dark Theme.

Playback Recorded from Micro SD Card.

Switch between 50 & 60Hz modes.

Toggle PIR Motion Detection.

Check Notifications such as Motion Detection Alerts etc.

Activate any Scenes that have been setup.

(Optional) Cloud Subscription Service.

Click the setting menu entry switch to enter the function setting menu:

| My camera	Device name. User can change or edit the name of the device.
Device Information	Information about the device. User can check the owner and device ID, etc.
Tap-to-Run and Automation	User can associate the device with other smart devices.
Basic Function Settings	Basic setting of live view, like screen flip, time watermark, talk mode and Anti-Flicker.
Working mode	Users can choose power saving or continuous mode.
PIR	Choose the PIR detection off or Low/Medium/High sensitivity.
Power Management settings	Checking the Battery remaining and power source, set the low battery alarm shreshold.
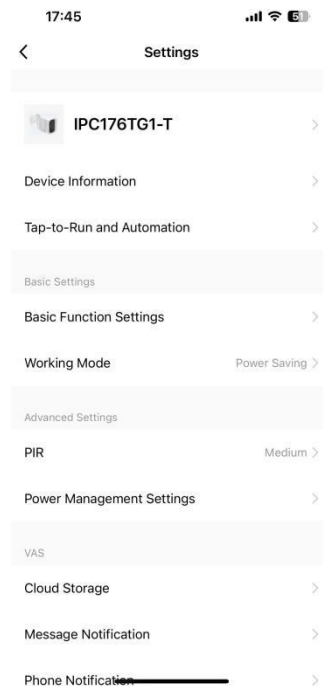
VAS	Purchase of value-added service: Cloud Strorage / Message notification / Phone Notification.
Offline Notification	If turn on the offline notificaiton, a notification will be sent if the device stayed offlines.
FAQ & Feedback	Device related FAQs and feedbacks.
Share Device	User can give the access to the particular device to trusted people.
Add to Home Screen	Generate desktop shortcuts
Device Update	User can view the software version here. If there is a new version will be prompted here, user can set the automatically update.
Remove Device	Remove the device when it is no longer in use. This operation is also recommended when changing the Wi-Fi connection.
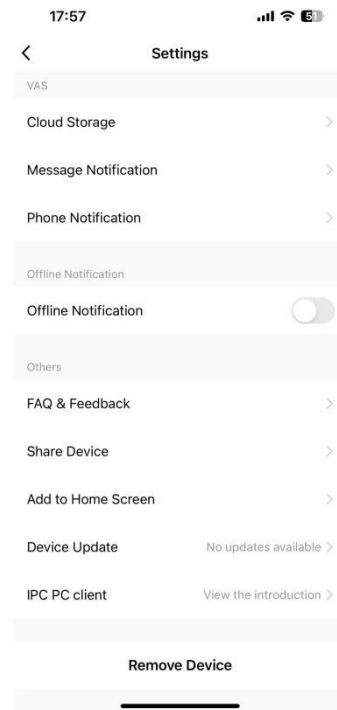
Check the alarm information:

    After turning on the motion detection alarm, the device will detect people or objects moving in front of the device lens and take photos. The device loaded with SD card will also record a video. User can view the motion detection alarm information and photos in the app from "Message Center". The video can be played back in the SD card function or in the APP panel.
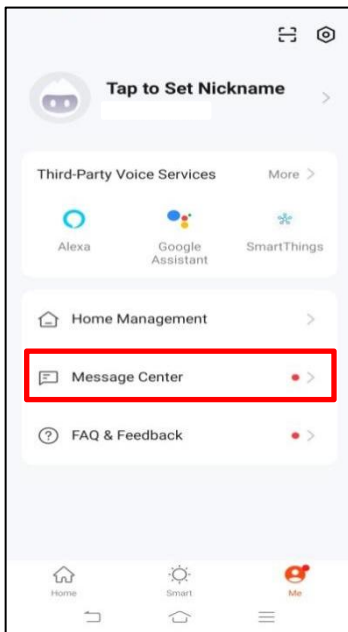
Cloud storage service function:

    User can purchase the cloud storage service of the device (this function may charge fee, depending on the plan selected by the user), and all videos of the device will be saved in the cloud server and can be viewed at any time.

    Perform the following operations to obtain cloud storage service:

    Click Settings, select "Purchase VAS", subscribe on the Video Cloud Storage page. Then follow the prompts to purchase services.
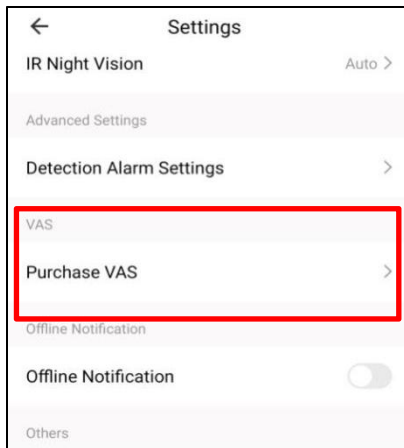
Product specifications：

Sensor Pixel	2.0MP	sensor type	1/2.9'' CMOS
Video resolution	1920x1080@15fps; 640*360@15fps	Image	Support HD / SD switching
Video format	H.264	Battery	3.7V/ 6600mAh (3x18650 Built-in)
Audio	Built-in Micphone/Speaker	Charging	DC 5V / 1A Via USB-C
PIR Motion sensor	100°, 5m distance	Button	On/off , Reset button
Night vision distance	10 meters	Storage	Micro SD card (upt to 128GB), cloud storage
Waterproof	IP65	Network	2.4GHz Wifi
Size	133.5*63 *90 mm	APP	Tuya Smart, Android 5.0/IOS 8.0 and above
Camera weight:	320g	Color	White (default)

FCC WARNING

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.