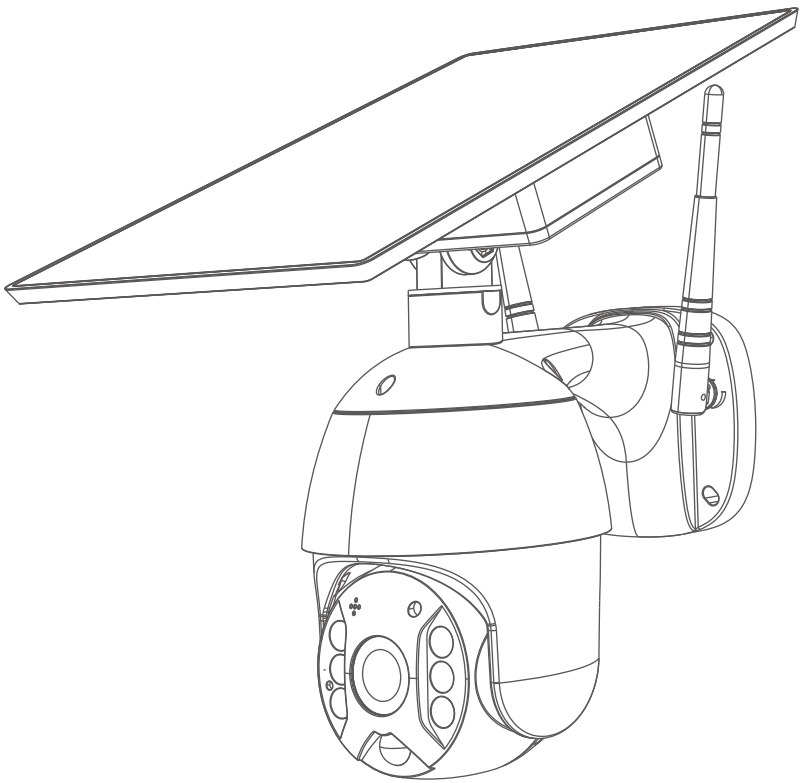
此页不印刷
size：190x135mm
封面200g铜版纸，内页书纸
装订方式：骑马钉

TOGUARD

AP40

Wireless outdoor solar security camera
User Manual



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V20200808

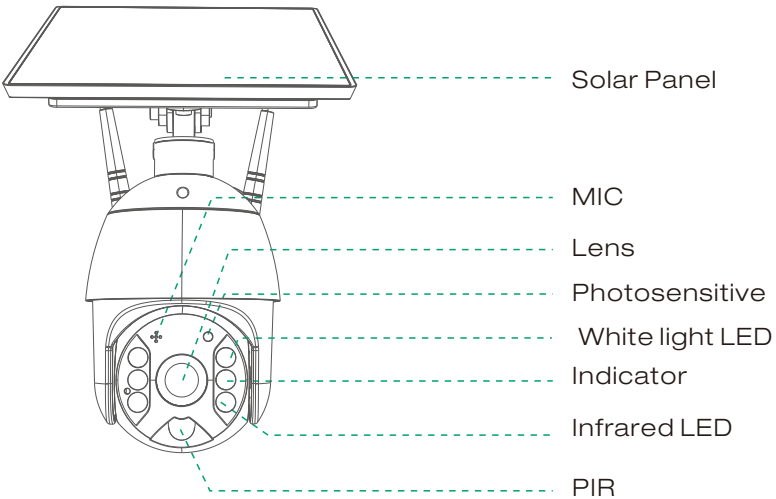
Before Installation

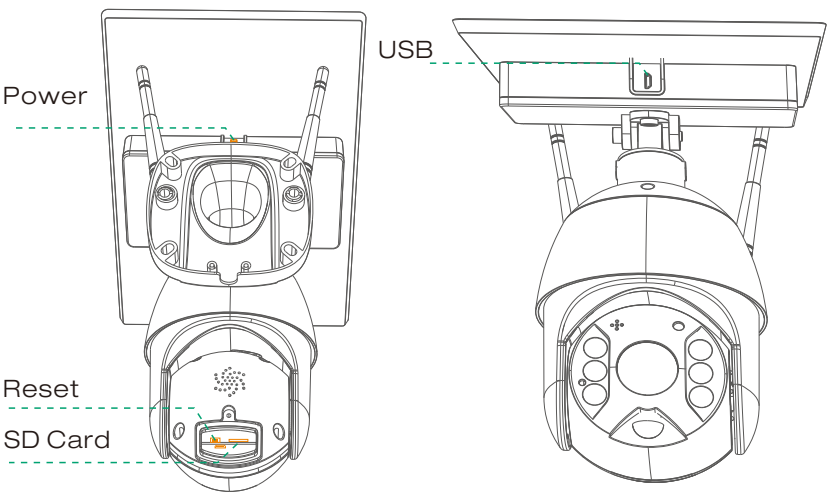
Warm tips before you go:

1. This camera can only be set up with 2.4g Wi-Fi network. (It's ok to use Cell phone 4G data to live viewing it after the camera was set up with 2.4g Wi-Fi network firstly.)
2. You may possibly need a Wi-Fi extender if your Wi-Fi signal is weak around the yard where you want to install it.
3. Please format the micro sd card to FAT32 format and install the card when camera powered off.(Micro sd card is not provided in the package)
4. Please connect the solar panel to camera and then charge the camera by connect the USB port in the solar panel or the camera.it usually takes up to 10-12 hours to fully charge it.
5. Make sure the distance between your phone,router and the camera is no more than 1.5 feet when you're ready to pair the camera. Ensure that the Wi-fi signal strength on your phone is good.
6. The PIR range is 16 feet around,the recommend camera install height is 8 feet around.To avoid too much false alarms, we suggest you do not install the camera with nearby bushes, shrubs, grasses and tree leaves coming into the PIR range.
7. If you install the camera on stucco,brick or concrete surface, please mark 4 holes matching the bracket and then use a drill driver to drill into the wall and insert the expansion screws to hold the amera tightly.

Before Installation

Product Diagram





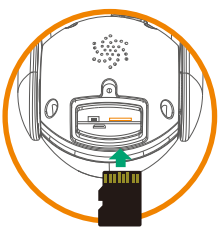
Before Installation

Charging

Connect the camera to the solar panel and then Please charge the camera about 6-8 hours by pluqqing the solar panel into a power source using an USB cable. A red led will stay on the solar panel.

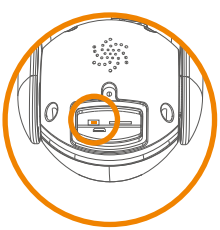
Insert SD card

Please format the SD card to FAT32 format (Application to Windows system ONLY), then install the micro-SD card when the camera is off. The camera only supports class 10 SD cards with at least an 8GB capacity and a maximum capacity of 64GB.



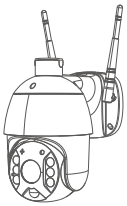
How to reset camera

Press and hold on the reset button for 4-5 seconds to reset the device.You need to release the button when you hear "system reset".

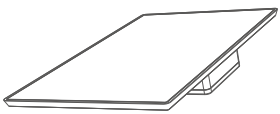


Before Installation

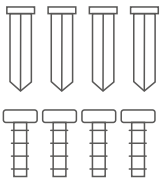
Charge Content



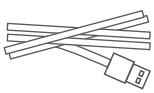
Camera



1 x Solar Panel



4 x Expansion Screws



1 x USB Cable

1 x Screwdriver

1 x Allen key

1 x User Manual

In-App Setup

Make sure the distance between your phone,router and the camera is no more than 1.5 feet when you're ready to pair the camera.Ensure that the Wi-fi signal strength on your phone is good.

1. Download the App (works only with ios & Android devices)

Please locate the"Ubox" in your Google Play store or App store or scan the QR code to download the Ubox App.

2. Register an account

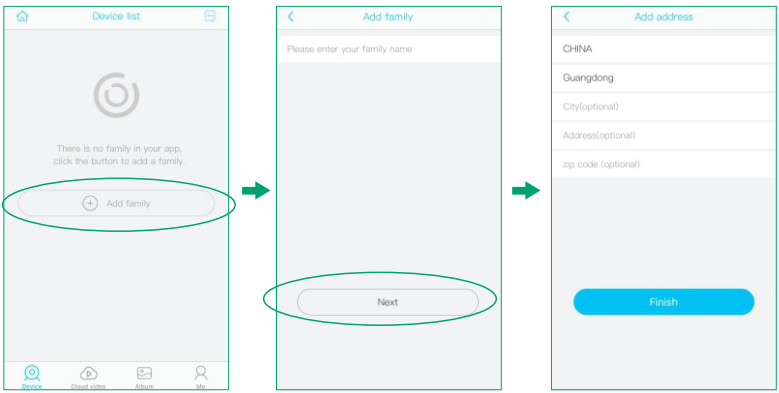
Open the App, click "register" and then input your email, the app will send an email with verification code in a few minutes. Go to your email to get the code and input it to verification.
Set a password for your account.

Please note: Verify code mail may be classified as spam oy the mailbox, Please check out the spam box.

3. Set up the installed location

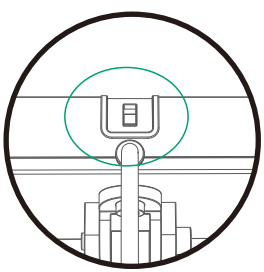
Input the installed location

Click "Add family" and then input the name of house, click ""next step" and then input required information, and thel click "finished" to save it.



4. Pairing the camera with the App

Turn on the camera: switch the power button to up to turn on the camera, Then you will hear the following voice " The camera is now ready to begin pairing".

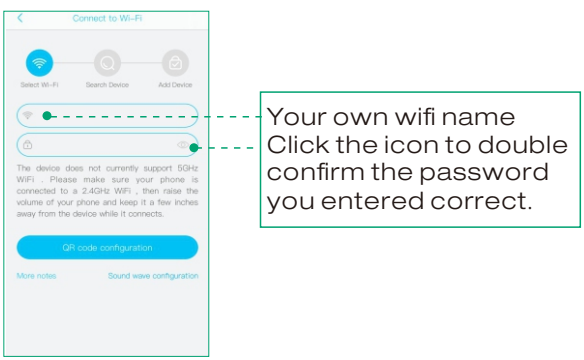


In-App Setup

Please connect your phone to the 2.4Ghz wifi firstly before you pair the camera, make sure your router password in mind before you start the pairing process.

1) Click "Add a device" and then choose "Setup device" click "Yes", when you hear the following voice " The camera is now ready to begin pairing".

2) Input the CORRECT WiFi password of your router, if you input a wrong password you will not be able to connect it successfully. Click the eye icon to double confirm the password you entered correct.



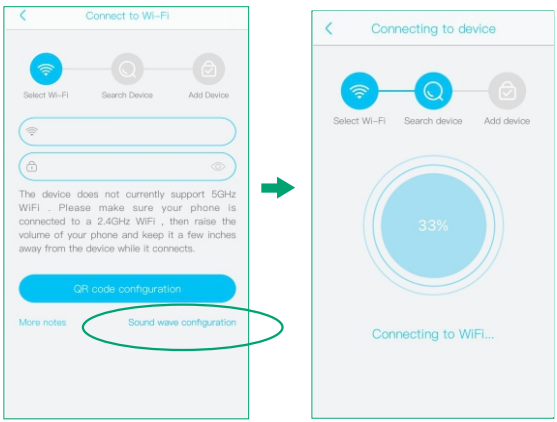
In-App Setup

Method 1: QR code configuration

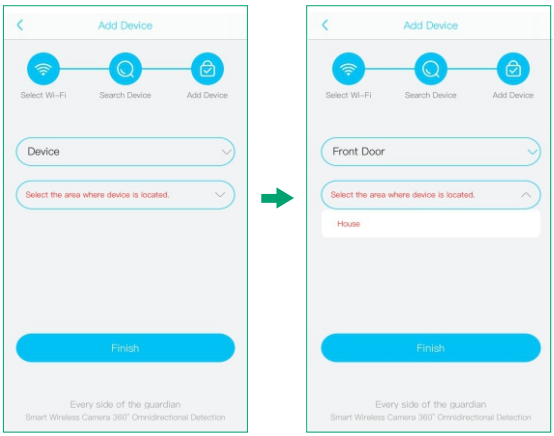
1.1 Click the "QR code configuration", hold the QR code in front of the S600 camera, and then you will hear the following "Pairing Information voice Received".

Method 2: Sound wave configuration

2.1 Enter into the "search device" page, make sure to turn up you phone's volume to the Maximum, you will hear the following voice: "Pairing Information Received".



3) You have connected the device to the App successfully.Choose a name of the devices from the drop-down choice, or you can modify one that you want. and then select the area where device is located.(you have to choose one or you cannot connect the camera to the app)

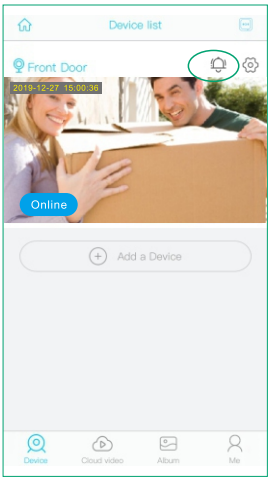


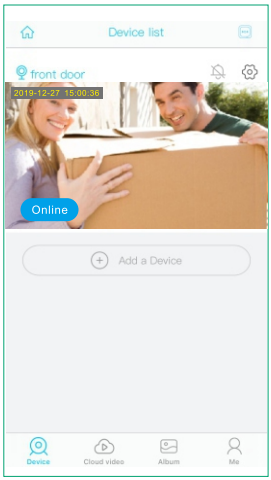
4) Congratulations! Now you can live view the camera on your phone anytime and anywhere.If you're unable to pair the camera, Please check below suggestions.

1. Please reset the camera to reset the camera to default after you fully charged the camera
2. Please turn up your phone volume to the maximum, since the camera pair through sound wave.
3. Please put the camera,phone as near as to your router within 1.5 feet) to get a strong wifi signal strength.
4. Please click on the eye icon when you input your router wifi password to make sure your wifi password CORRECT.
5. Please make sure your router setting is DHCP enabled otherwise your router will not send out WiFi signal for any wireless device for pairing up.

➢ Push Mode

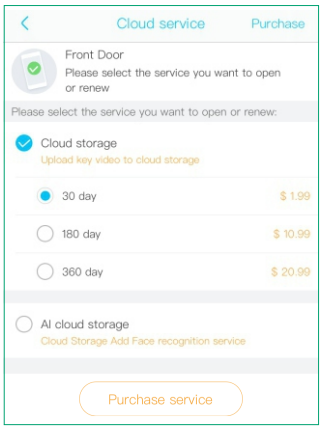
This icon indicate that the push mode is on, click it to turn off push mode and then you cannot receive any notifications.





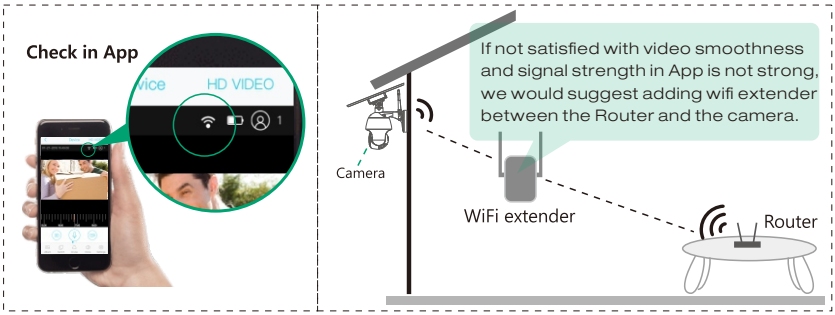
➢ Cloud storage

The video clips will save in the Cloud. Cloud video length is 8 seconds defaulted and free for 30 days. And you have to pay for the service per month or other cloud service.

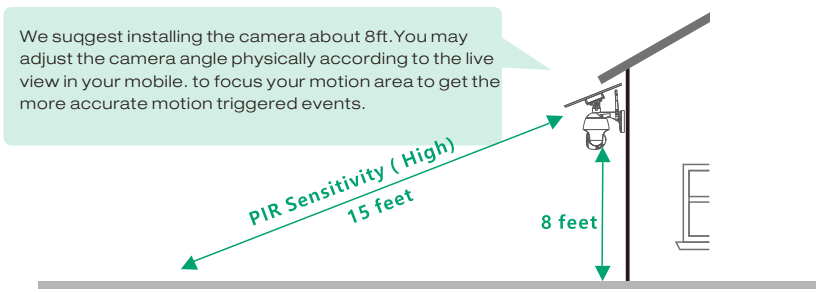


Physical Installation

1 Check your camera signal strength.



2 Recommended height to install the camera

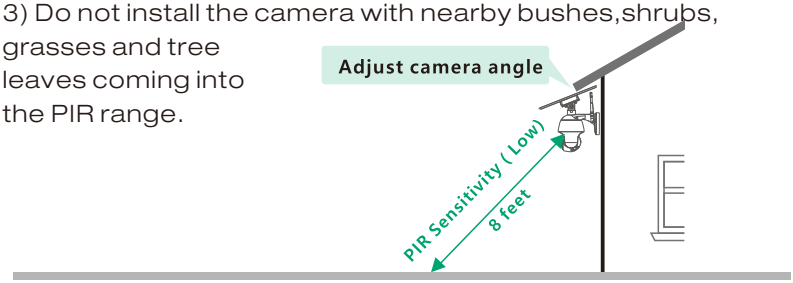


If your camera get numerous motion alerts unexpected

1) Please adjust your camera installation angle a bit down to focus the motion area.

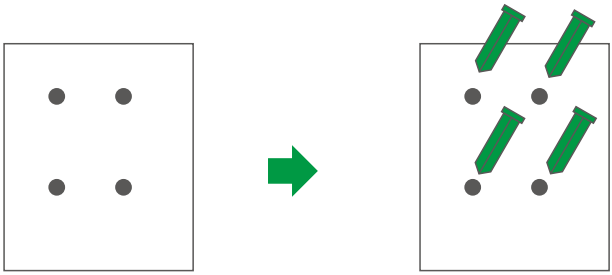
2) Please change your PIR sensitivity to Low to reduce the PIR sensitivity.

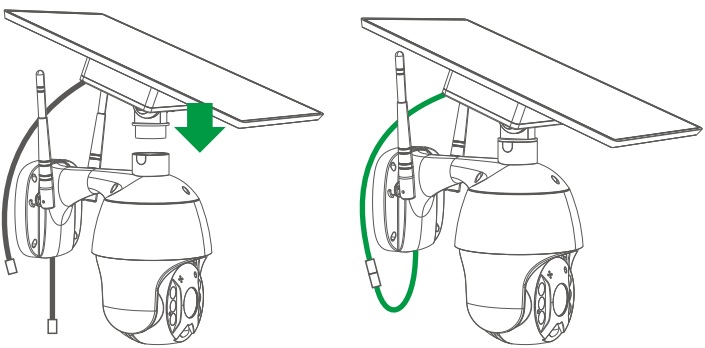
3) Do not install the camera with nearby bushes,shrubs, grasses and tree leaves coming into the PIR range.

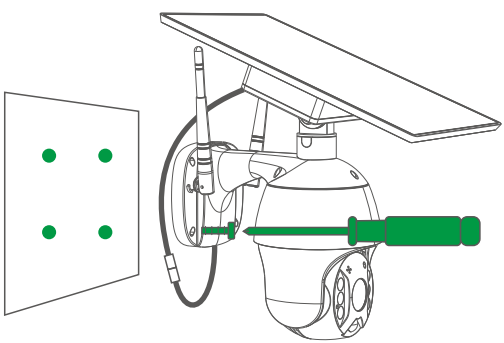


Physical Installation

Adjust the bracket on the wall and then mark 3 holes for mounting.
Fix the bracket to the wall by expansion screws.







Technical Specifications

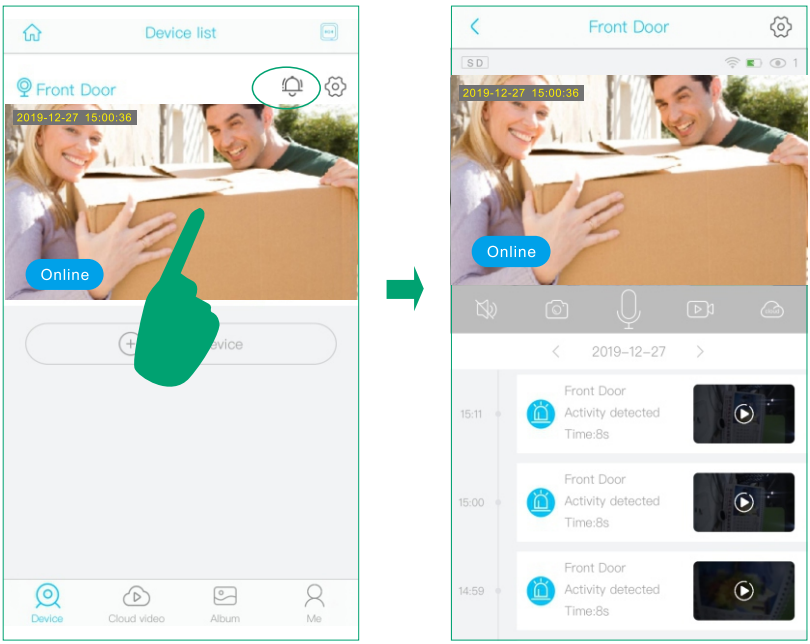
Image Quality	Resolution	1080P
Specifications Lens	Lens angle	FOV 160°
Video Specifications	Video format	H.264
	Frames per second	15fps
	SD card support	8GB-Max 64GB
Audio	Output	Built-in speaker
	Intput	Built-in microphone
Communications	WiFi	2.4GHz
Battery	Battery capacity	4000mAh
	Standby time	Max 6 months
	Power consumption	2W(run)/0.012W (standby)
Applicable Environment	Temperature	-20℃~+60℃(-4F-140F)
	Humidity	20%~85% (Non-condensing)

Technical Specifications

System Suppport	Android 2.3 above/ iOS 7.0 above	
PIR	PIR angle	110°
	PIR angle	16ft
Night Vision	Range	Up to 32ft

Detailed App Instructions

1.click ,you could live viewing videos.



Detailed App Instructions

Battery charging sign

When camera exposed to sunlight,the battery wil keep charging in green.

During night or fully charged,the battery will stay white.

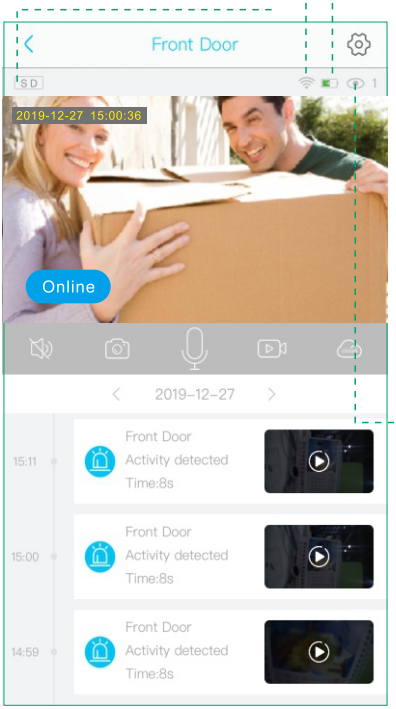
Tips: If your battery sign will not show correct status as above,please remove the solar pane and then re install it to the camera body.Or contact Toguard support team for a replacement at **support@toguard.cc** All friendly customer service staffs are ready to assist you.

Low power indicator,please recharge the camera manually using the provided USB cable.

Wifi signal strength

Tips: Please make sure your camera has a full bar of wifi strength to ensure a smooth live view speed.(A wifi extender is recommended to install beside the camera if needed).

Click here to chose the resolution to HD(1080P) OR SD(720P)



Number of users

Tips: If you have invited a second users to visit your camera.Please pay attention to below points:

1.Your camera password can be seen by the invited users,but it can not be modified.

2.The invited users can change all the camera settings,so the camera will work as the last change made on the settings among all users.

3.If your camera does not work as you set before,please check the settings from the invited users' device.

Detailed App Instructions

Setting: Click to inter into device settings. (Check page 19 for more details)

Two-way Talk: Click to speak to visitors and hear what they say.

Manual Recording: Click to manually record and the videos will be saved to your phone's Album.

Cloud storage: Click to playback videos saved in cloud storage.

Screenshot: Click to screen capture and pictures will be saved to your phone's album.

Voice: Click to mute the sounds from the camera.

SD Card Setting

1) Please turn on the cloud storage so that you can sync the camera time with your phone.2) Please format the micro sd card before you installed it.The cameria doesn't support plug and play. So please make sure to power off the camera and then install your card.

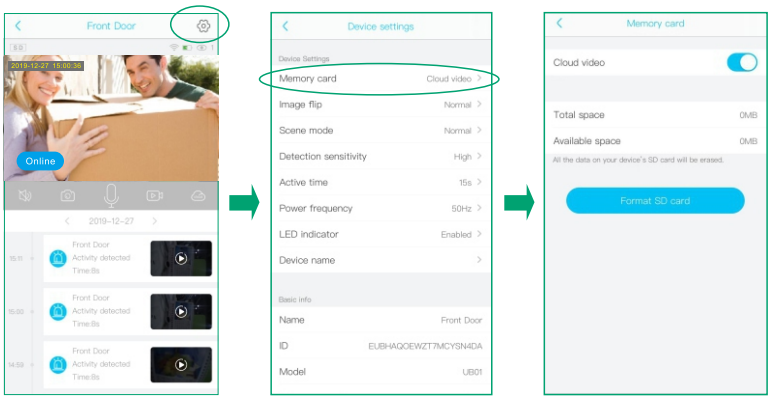
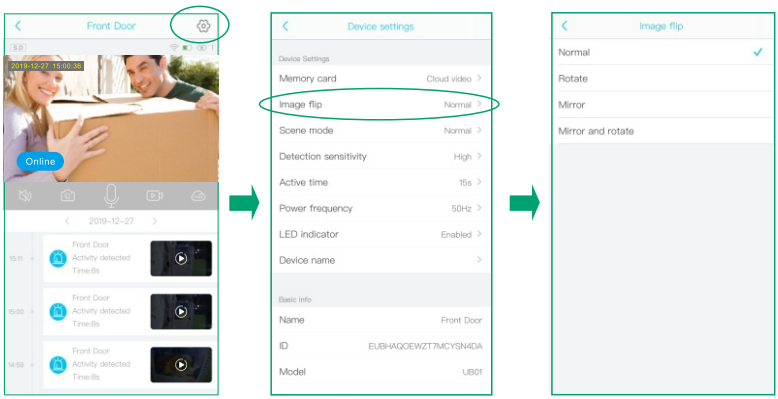


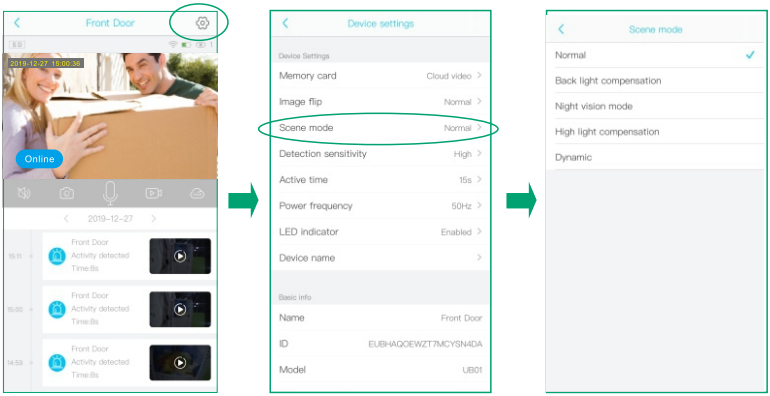
Image flip

You can choose Normal Rotate, Mirror or Mirror and rotate depends on your hardware installation way. The default is Normal.



Scene mode

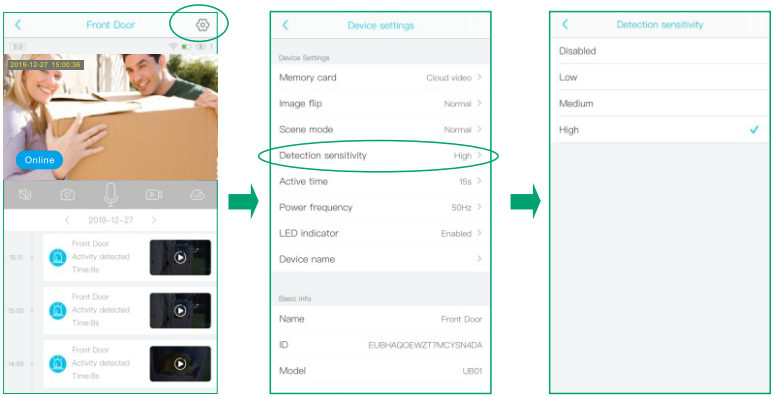
You can choose to set it as Normal, back light compensation, night IR, High light compensation or Dynamic according to your actual light environment of installation place.



PIR Detection

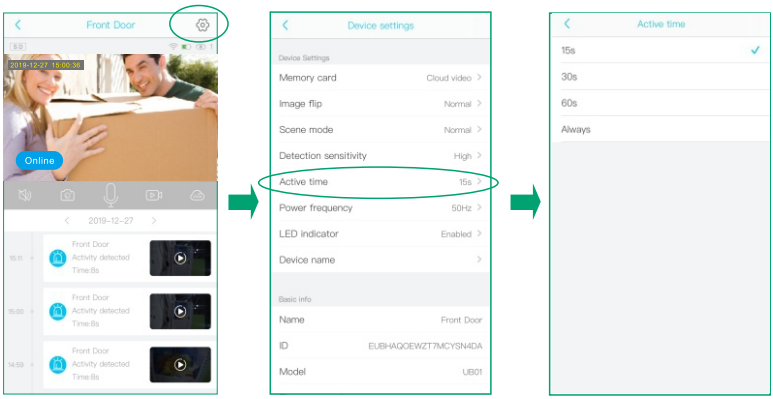
You can set the PIR sensitivity as Disabled, Low, Medium and High.

1) When you set the PIR as Disabled,you will not record and receive any motion triggered events.
2) It is recommended to set the PIR Detection to High so that you could capture as more as a motion triggered from the beginning part of the event.
3) Try to capture more the beginning of the triggered event,please adjust your camera angle a bit closer to your aimed spot (Check page 13 diagram).



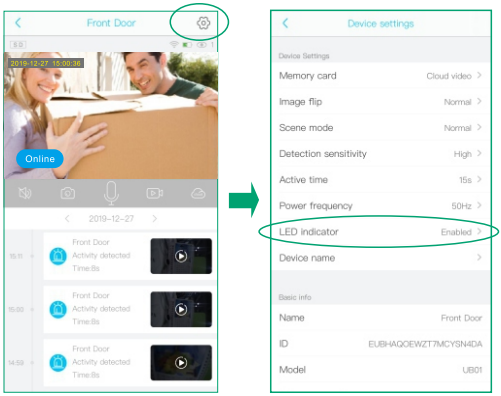
Active time

1) This is the time you could set for the video length recorded to micro sd card.
2) Always: If you choose this option,you will not allow the camera enter into standby mode,the camera will keep recording all the time until battery drains out. (60 seconds per file)



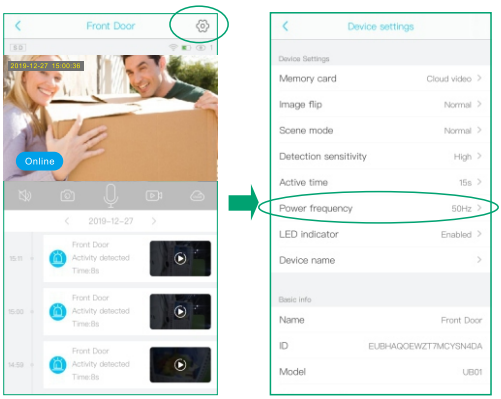
LED indicator

When you choose Enable,the Blue LED will light up to indicate when you operate the camera as it should be.When you choose Disabled,the Blue LED will not light up to indicate the operations or trigger motions.It is recommended to set it as the default



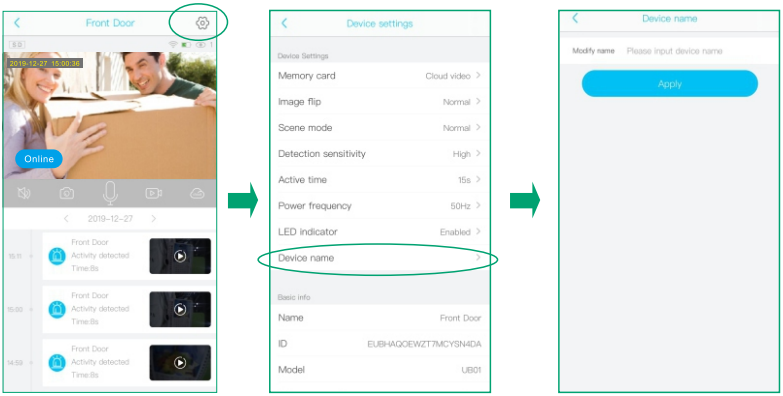
Power frequency

Please choose 60 or 50HZ according to your local frequency, It's defaulted to 60HZ for united states users.



Device Name

You can set a desired name for your camera.



How to save and delete videos

1. Videos can be saved in Cloud Storage:

1). The videos of PIR activity.

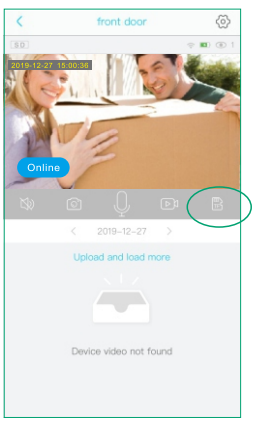
You could save the videos of PIR activities in cloud storage, which can be used 30 days for free and then you have to pay for the services. and playback in the app.

2. Videos can be saved in the SD card:

(1). The videos of PIR activity.

(2). The videos of live viewing.

You could playback these videos on the timeline in the App and format the SD card in the App.



3. Videos can be saved on the mobile phone album:

(1). The videos of REC mode.

(2). The screenshot.

You need to delete the videos of REC mode and the screenshots from your phone's album.

FAQs

Q1: Why do I fail to connect the camera to the App by sound wave?

A: 1. Please reset the camera by the pin included.
2. Please make sure the camera is powered on and there will be voice prompts that indicates it.
3. Make sure the distance between your mobile phone and the device is no more than 30cm. And your mobile, camera and router are in the same room.
4. Adjust your phone volume to maximum.
5. Double check your WiFi password and make sure it is correct.

Q2: When In-App setup is done, why I could not see the live streams on my mobile?

A: First, check in App to confirm the wifi signal is strong enough. If not,we would suggest adding wifi extender in between.

Q3: Why I cannot receive any alarm after I finished connecting the camera with the App?

A:1. Click the in App to confirm you have turned on the push mode.
2. Check your mobile settings to allow the notification.

If you have any other question,please feel free to contact us at

support@toguard.cc