



# OPERATION MANUAL FOR OLIVECAM APP

V1.0

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# **1 Introduction**

## **1.1 Purpose**

With the help of this manual, both IOS and AOS users can grasp the normal usage of the Olivecam APP easily and make accurate judgments on some abnormal operations, and they will be able to install, use, and configure Olivecam cameras in a more convenient way.

## **1.2 Project Background**

This APP, which is available for both IOS and AOS platforms, was designed and developed by Smart Hardware Team of NetEase (Hangzhou) Network Co., Ltd. It is designed to facilitate Olivecam users to use the cameras on their smart phones.

## **1.3 Definitions**

IOS: Iphone operating system;

AOS: Android operating system;

Olivecam: NetEase Olivecam cameras;

Live video: real-time images received from the camera;

Cellphone verification code: a numeric string obtained through SMS and used to verify the authenticity of a cellphone;

Graphic verification code: a group of numeric patterns formed by graphs.

## 2 Software Overview

### 2.1 Objective

The Olivecam APP can be used to fulfill installation of Olivecam cameras and user registration, complete personal data, view and download live and previous videos recorded by the camera.

### 2.2 Functions

User registration (E-mail address registration and mobile phone number registration); User login (E-mail address login and mobile phone number login); Password reset (reset the password through email or mobile phone); Personal center; System settings; Camera installation; View the live video sent by the camera; Basic settings of the camera; View and edit previous videos.

### 2.3 Characteristics

#### (1) Time characteristics

- There is a 2-3-second delay between real image and the live image sent by the camera. Buffering for the video may be needed in poor network environment.
- The login status would be rechecked for every 3 hours to guarantee the security of the account.

#### (2) Applicability

The Olivecam APP is available for both AOS and IOS platforms, but unavailable for Windows platform and Blackberry platform.

## **3 Operating Environment**

### **3.1 Hardware**

Sufficient space in a device is required to install and run the APP on the device. Size of the installation package for Android devices is 9M; Size of the installation package for iOS devices is 7.5M.

### **3.2 Compatible Software**

The APP is compatible with Android 4.1 and above systems, and partly compatible with Android 6.0 systems.

It is compatible with iOS 8.0 and above systems.

## **4 Instructions for Use**

### **4.1 APP Installation and Initialization**

The version for AOS devices can be downloaded from various mainstream app markets, including Xiaomi APP Store, 360 APP Store, MyApp App Store, and Baidu App Store.

The version for IOS devices can be downloaded from the official App Store through a search for the keyword “Olivecam”.

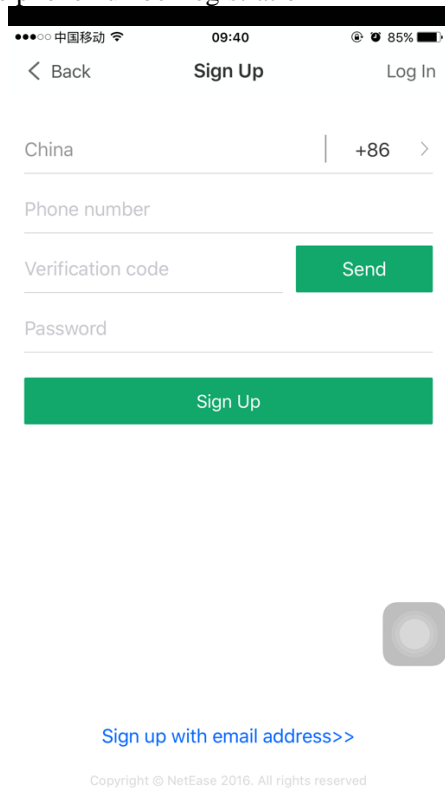
The user can start the Olivecam APP by tapping the Olivecam icon on the main interface after installing the APP successfully. If the user uses the Olivecam APP for the first time, the APP would display its operation interface in the same language as the operating system of the user’s device. If the operating system is in Chinese, the Olivecam APP will display its operation interface in simplified Chinese; if the operating system is in any one of other languages, the APP will display English operation interface.

### **4.2 Account-related Operations**

#### **(1) Account registration**

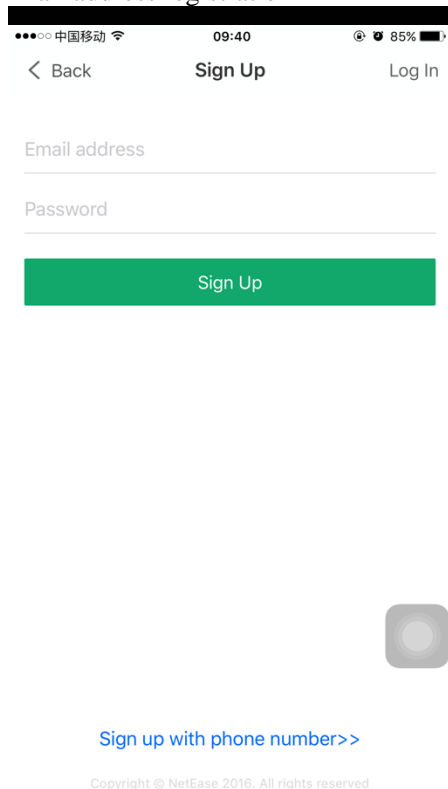
The Olivecam APP provides two registration methods: mobile phone number registration and email address registration.

#### (1.1) Mobile phone number registration

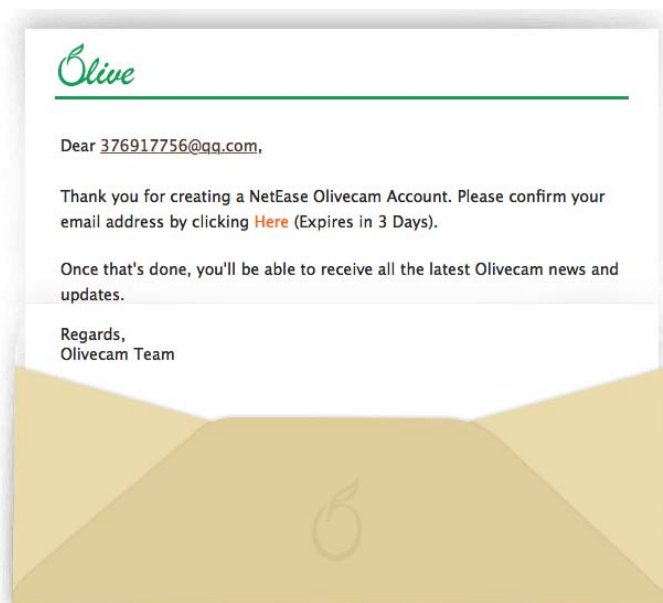
The screenshot shows the 'Sign Up' screen of the Olivecam APP. At the top, there's a status bar with '中国移动' (China Mobile), signal strength, time '09:40', and battery '85%'. Below the status bar, there's a navigation bar with a back arrow, 'Sign Up', and 'Log In'. The main form has four input fields: 'China' (with a dropdown arrow), '+86' (with a dropdown arrow), 'Phone number', 'Verification code', and 'Password'. There's a green 'Send' button next to the 'Verification code' field. At the bottom of the form is a large green 'Sign Up' button. Below the form, there's a camera icon and a link 'Sign up with email address>>'. At the very bottom, there's a copyright notice: 'Copyright © NetEase 2016. All rights reserved'.

- The user can use his/her mobile phone number to complete the registration of an Olivecam APP account. Mobile phone numbers from all over the world are valid, but the user needs to choose the code of the country his/her mobile phone number belongs to.
- After inputting the mobile phone number, the authenticity of the mobile phone needs to be verified by a cellphone verification code. By tapping the “send” button, you will soon receive a short message carrying a verification code. The code is valid only for 5 minutes. The verification code remains valid only for 5 minutes, and you should resend a new verification code once the old one passes the term of validity. Note you cannot send two or more verification codes within 60 seconds. The waiting time before receiving the short message with a verification code is different depending on networks and operators.
- The user should set a password for his/her account to facilitate subsequent login. The password shall consist only of numbers and English letters, and the length of the password shall be more than six characters.
- Tap the “Sign Up” button to complete the registration. After that, the APP would log in and enter the main page automatically.

(1.2) Email address registration



- Email address registration requires a real valid email address of yours.
- The user should set a password for his/her account to facilitate subsequent login. The password shall consist only of numbers and English letters, and the length of the password shall be more than six characters.
- Tap the “Sign Up” button to complete the registration, and the APP would send a confirmation email to your email address automatically. You can activate your account following the instructions in the email. The email is sent from [olivecam@service.netease.com](mailto:olivecam@service.netease.com)
- You can also activate your account in the Personal Center later. The APP would log in and enter the main page automatically after the registration is completed successfully.

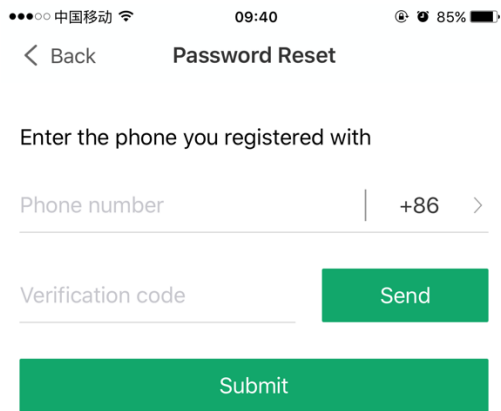


## (2) Password retrieval

If you forget your password, you can reset a new password by choosing “reset password with phone number” or “reset password with email address”.



## (2.1) Reset password using the mobile phone number you registered with



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< Back Password Reset

Enter the phone you registered with

Phone number | +86 >

Verification code Send

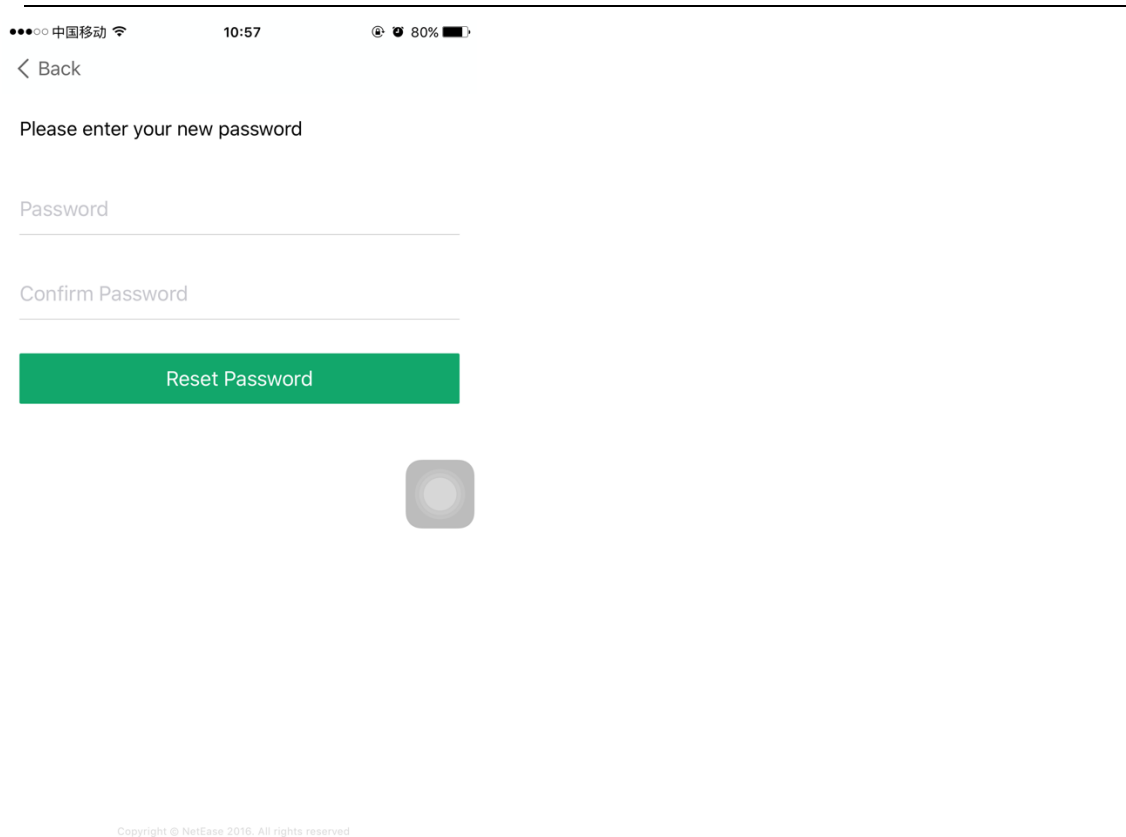
Submit



[Reset password with email address >>](#)

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- Please input the phone number you registered with and send a verification code.
- If the verification code is correct, the APP would enter the password reset interface automatically, where you can enter a new password (twice) to complete the password reset. (The password shall consist only of numbers and English letters, and the length of the password shall be more than six characters.)



## **(2.2) Reset password using the email address you registered with**


You can reset your password using the email address, with which you registered.

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< Back Password Reset

Enter the email address you registered with

Email address

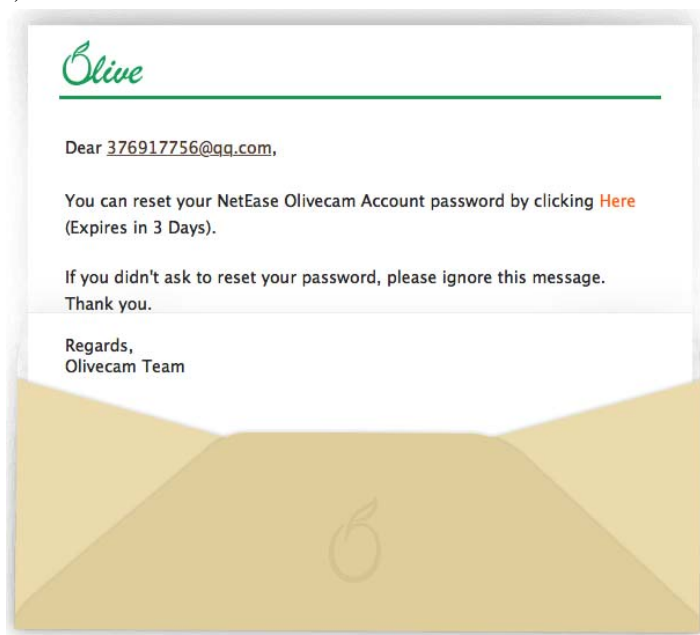
Verification code 

Submit

[Reset password with phone number >>](#)

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Tap the “Submit” button; then the APP would automatically send a password reset email to the email address, with which you registered. You can reset your password following the instructions in the email (Expires in 3 days).



The browser of the operating system needs to be used in password reset, for the reset is carried out by visiting web sites.



### **Olive Camera**

Submit

After the reset is completed, you will be required to log in the APP with the new password. You can return to the login interface of the Olivecam APP to log in again.

## **(3) Log in Olivecam APP**

### **(3.1) Login using the mobile phone number you registered with**

You can log in the Olivecam APP using the mobile phone number, with which you registered. After entering the mobile phone number, with which you registered, and the password, tap the “Login” button to log in the APP. Once you log in successfully, the APP would remember your login information and perform automatic login later on.

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18626862622 | +86 >

Password

Login

[Sign Up](#)

[Forgotten Password?](#)

[Email Login >>](#)

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### (3.2) Login using the email address you registered with

You can log in the Olivecam APP using the email address, with which you registered. After entering the email address, with which you registered, and the password, tap the “Login” button to log in the APP. You can switch between the two login methods by tapping the shortcut button below.



Email address

Password

Login

Sign Up

Forgotten Password?

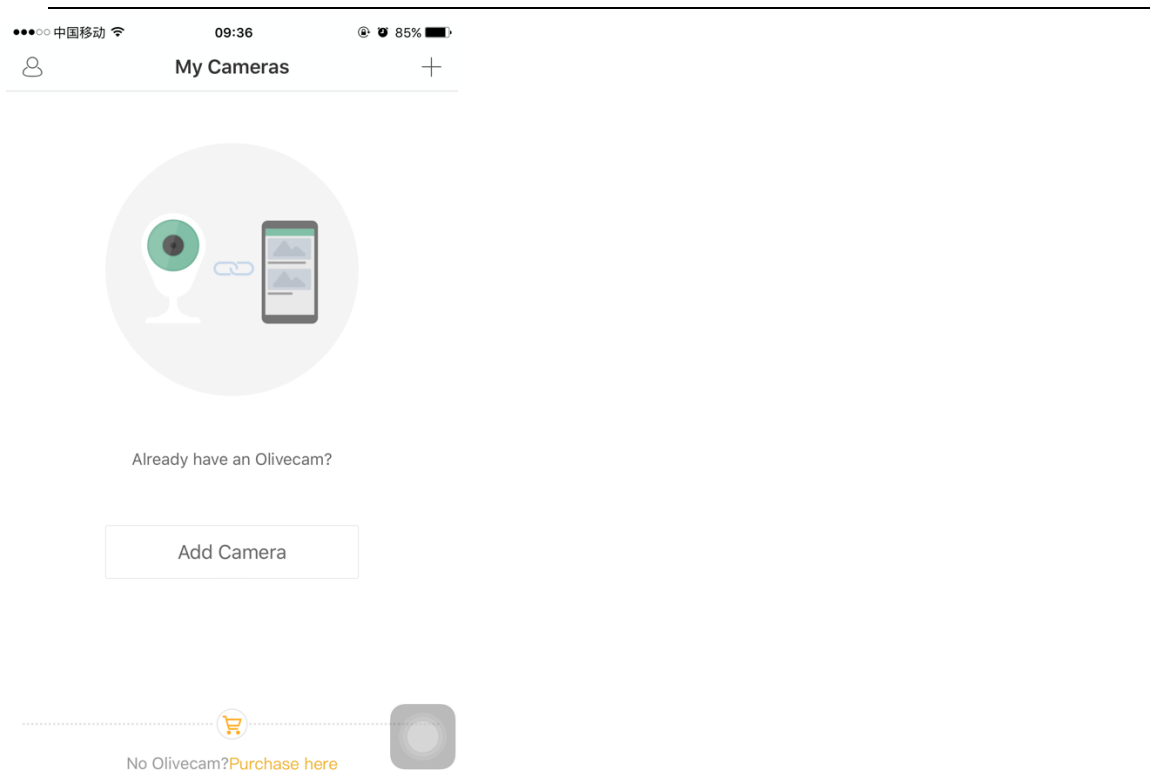


[Phone Number Login >>](#)

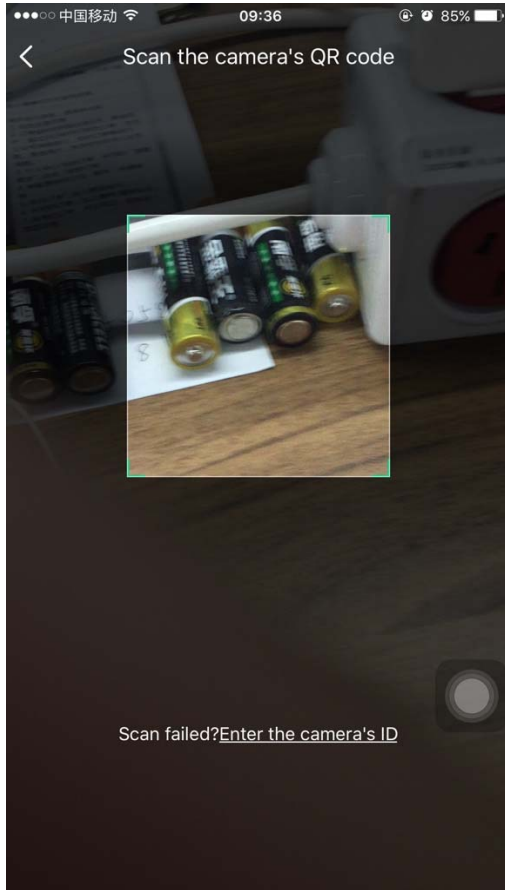
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## 4.3 Camera Installation

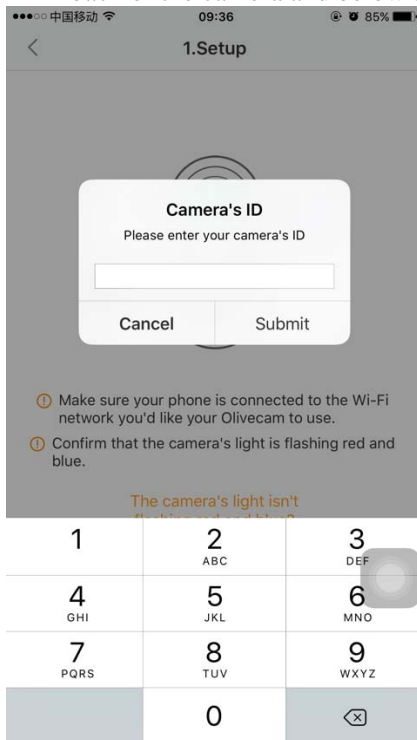
Olivecam cameras can be installed to your device by QR code scan or manual input. You can tap the “+” button to start installation operations. In addition, the user, who has not installed any camera before, can also tap the “Add Camera” button to start installation operations.



- Scan the camera's QR code printed on the back of the camera (the APP needs the right of using the camera on your device to perform this operation, so please give the permission).

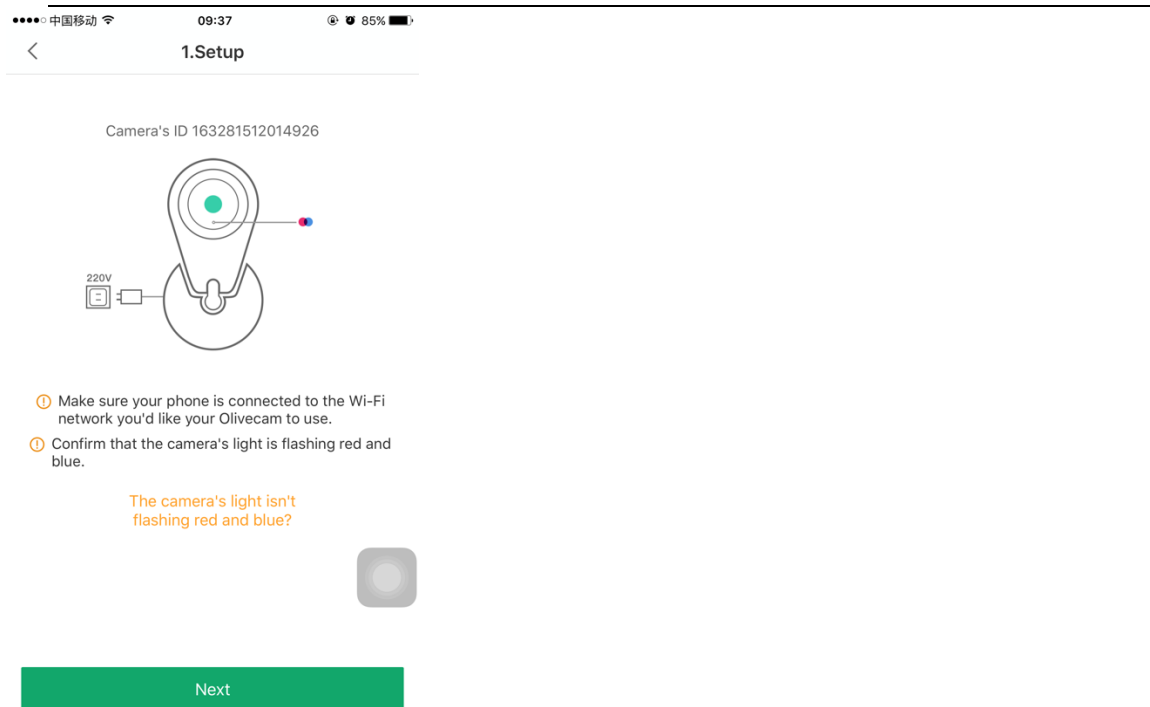


- You can also add the camera by inputting the camera's ID, a 15-digit number, printed on the back of the camera and below the QR code.



- Preparation stage
  - Make sure your phone is connected to a wireless network. Currently, Olivecam cameras can be used only in home wireless networks, and public area networks, airport networks, and other networks that need secondary login, are not currently supported.
  - Make sure that your phone and Olivecam camera are to be connected to a same network.
  - Connect your camera to power supply and observe whether the status light on the camera is flashing in red and blue. If not, reset the camera with a long press on the “Reset” button on the back of the camera for 3 seconds. Repeat the above operations until the camera is flashing in red and blue.






- Allocate network address for the camera
  - The camera will automatically adapt to the WiFi network address, to which your phone is connected, and the address cannot be changed.
  - The password of the WiFi network is the password of the network, to which you intend to connect your camera.
  - You can name your camera to facilitate subsequent lookup and management, and the name shall consist of no more than 20 Chinese characters.

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< 2.Connect to Wi-Fi



Wi-Fi: camtest2

Wi-Fi Password

Give your camera a name



Help your camera connect to the Wi-Fi network.

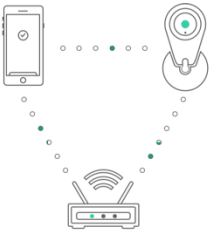
Start Setup

## ● Camera installation


- The entire setting-up process lasts for about 1-3 minutes.
- The installation is automatic, and you need not do any operations in the process. Please maintain network stability and power connection to the camera.

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3.Setting up



Setting up...  
This may take around 20 seconds.



Setting Up...

·When there is something wrong in the installation, the APP would give several hints. You can try to reinstall the camera following the hints.

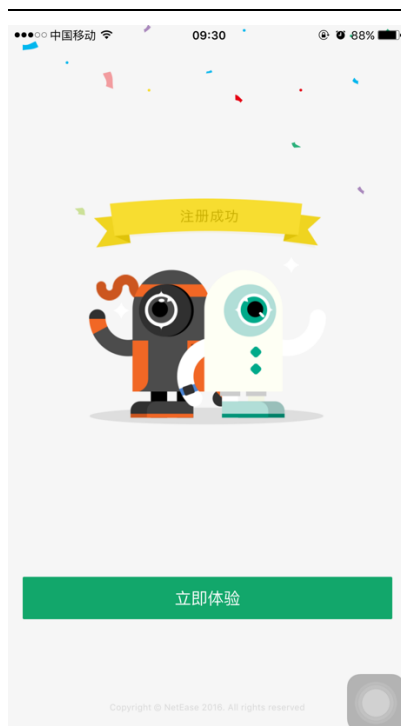


·During the installation, if the APP finds the firmware version of the camera is too low or there is new version available for upgrade, the APP would download the latest version and install it to your camera automatically, to provide you with better experience. This process takes about 1-3 minutes depending on network environment.

#### ● Completion of installation

·After Olivecam camera is installed and upgraded successfully, the APP would skip to the success page automatically, which indicates the end of the installation.

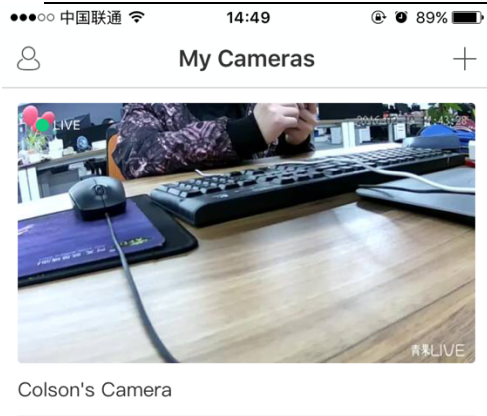
·You can tap the “Try It Now” button to enter the system and view the video transmitted from your camera.



## 4.4 Use of Camera

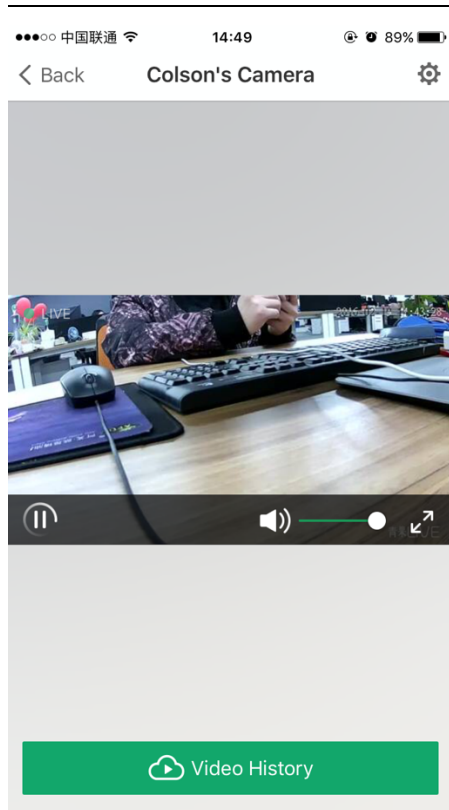
### Camera list page

The list page shows all the cameras that you have successfully installed to your phone. You can only see the thumbnails of the images recorded by the cameras on this page.

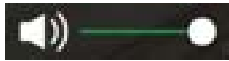


## View live video transmitted from the camera

- Tap the thumbnail on the list page to enter the video playing interface, where you can see the live video transmitted from the camera.
- Once entering the video playing interface, the video would be played automatically without any other operations. The time for connecting and loading the video content before playing is different in different network environments.
- Tap the thumbnail on the list page to enter the video playing interface, where you can see the live video transmitted from the camera.



: “Play/pause” button; you can tap the button once to suspend the video, and tap it again to restart the video.




: “Volume adjustment bar”; you can change the volume from small to big by shifting the round button from left to right; you can tap the “speaker” button to turn off the sound.

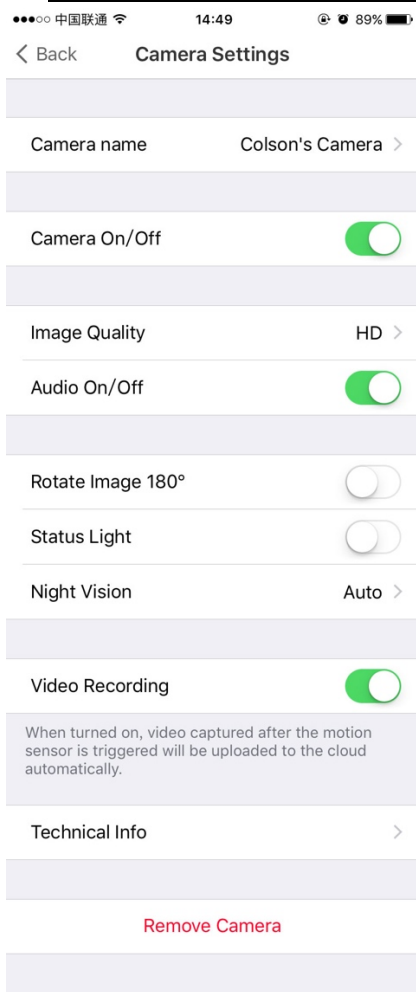


: You can tap this button to enlarge the picture to the full screen, so that you can view the live video in a larger view. You can tap the button again to quit the full screen mode and return to the previous page with small playing window.

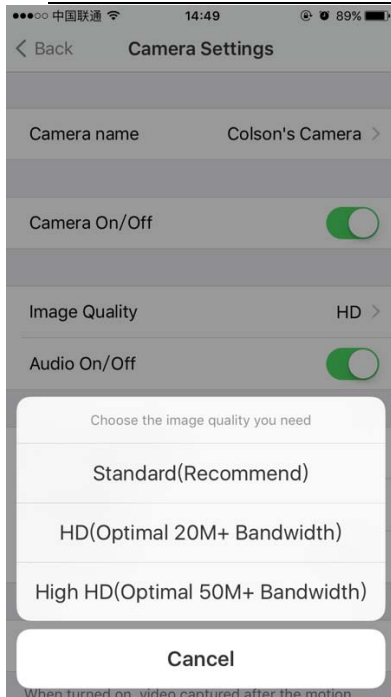
## Parameter settings for the camera



- You can tap the setting button  to enter the setting interface for the camera, where you can adjust parameter settings for the camera.
- All the parameter settings will be set with immediate effect, except for some settings that require data transmission with hardware, which may result in some delays before taking into effect.

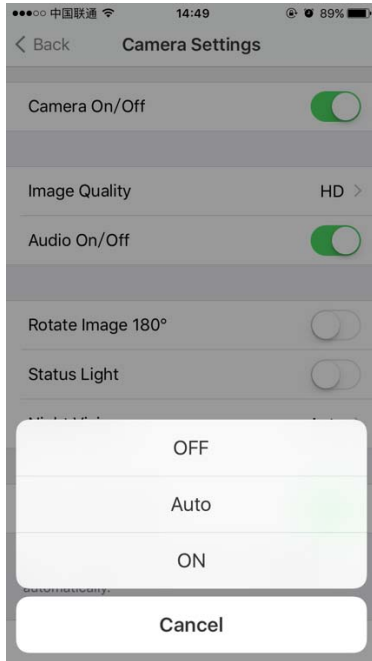


- Camera name: You can rename the camera in the secondary interface of the item.
- Camera On/Off: It is used to turn on or off the camera. When the switch is off, you will be unable to view the live video transmitted from the camera.
- Image Quality: You can choose from Standard quality, HD quality (default), and High HD quality to determine the image quality of the video. Figuring out which mode to choose depends on the network condition and the fluency of the video.



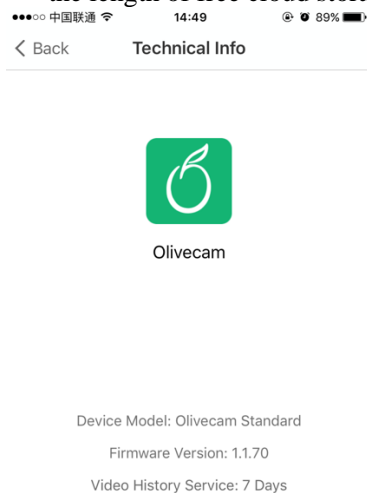
- Audio On/Off: It serves to turn on or off the audio of the camera. When the switch is off, you will be unable to hear the sound collected by the mic of the camera.
- Rotate Image 180: When this switch is on, the video you see will be rotated for 180°.
- Status Light: The switch serves to turn on or off the status light on the camera. In normal working hours, the status light is on, but it can be turned off as required. Turning off the status light will not influence the normal use of the camera.
- Night Vision: It serves to turn on or off the night vision mode of the camera. The camera is provided with a night vision module, which enables you to see the video content clearly even when the light is dim. All the images in the night vision mode are black-and-white. You can choose to turn on or off the mode, or Auto mode. When you choose the Auto mode, the camera would turn on or off the night vision module automatically according to the light intensity of the surrounding environment.





·Video Recording: It serves to turn on or off video recording. When turned on, video captured after the motion sensor is triggered will be uploaded to the cloud sever automatically.

·Technical Info: It shows the hardware information of the camera. You can tap the button to enter the next page to check the information, including the camera model, firmware version, as well as the length of free cloud storage for your videos.




·Remove Camera: You can remove the camera you installed by tapping this button. After the operation, the camera will be removed from the list and all the related videos will be deleted as well. This function should be used cautiously.

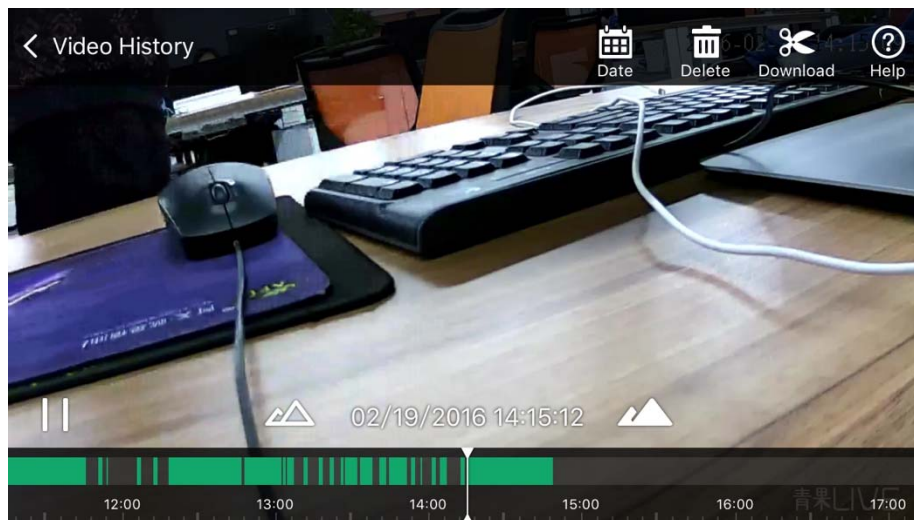
## 4.5 Video Viewing and Editing


Videos recorded by the camera can be stored by two methods. First, you can buy a storage card to store the videos. The second method is the default method; namely, the videos will be uploaded to the cloud server, from which you can view them at any time. Different models have different lengths of free cloud storage for your videos.


If the camera you bought provides 7 days of free cloud video history, your videos will be stored freely only for 7 days, and the videos recorded on the first day of the 7 days will be deleted on the 8<sup>th</sup> day. The deleted videos cannot be viewed and downloaded again, so please save important data timely.


### View previous videos


- You can tap  to enter the video history interface.
- Videos can be edited by various gestures and buttons. Once entering the interface, the APP will first play the video that was recorded most recently.
- You can control the timeline range by pinching your fingers or dragging images to locate the target time point conveniently.




: Play / pause button;


: Zoom out button; the timeline would change to a larger time scale for every tap on this button.

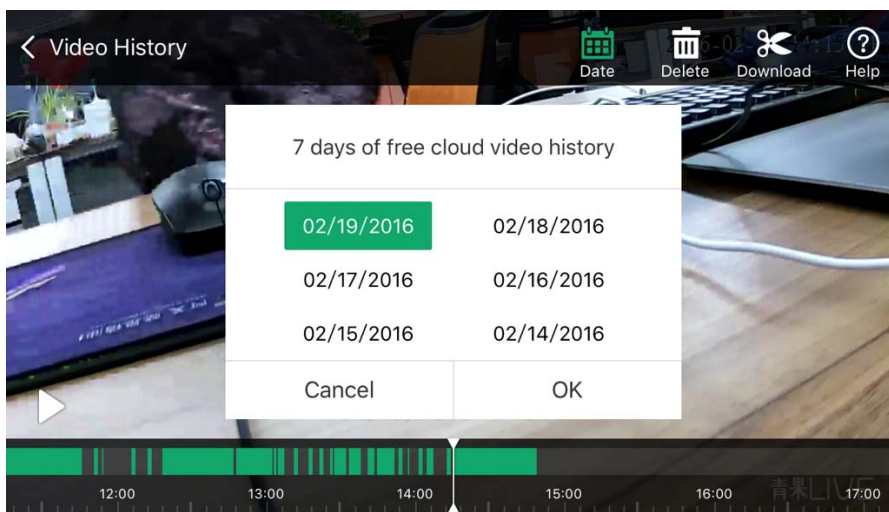
: Zoom in button; the timeline would change to a smaller time scale for every tap on this button.

: Central axis of time scale; it indicates the time point of the image you are viewing. The time and date shown above the central axis indicate the recording time of the current video.


: Green parts on the timeline indicate the periods with video content recorded. You can view previous videos by selecting the green parts. Black parts indicate the periods without moving images, during which the camera will not record videos, so you cannot view any video in these periods.

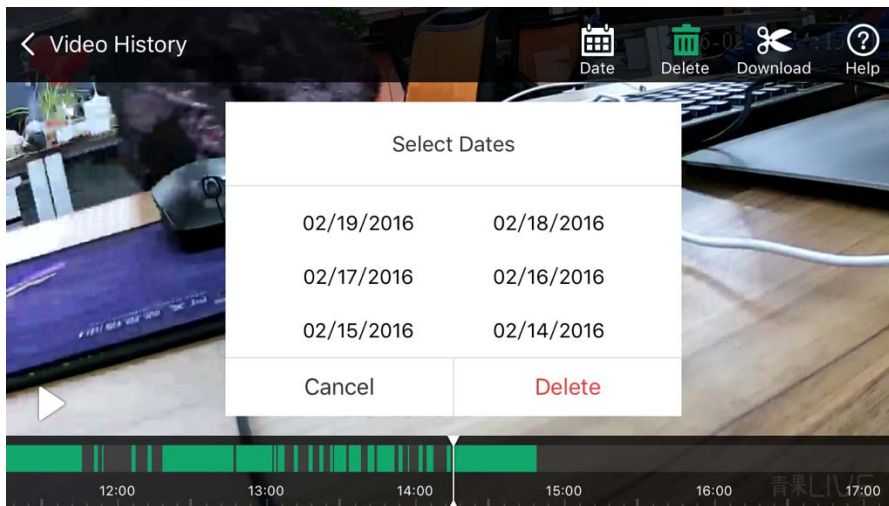
## View videos on a specific date

- You can tap  to enter the date selecting interface.
- The interface shows all the recording dates you can select, so that you can locate the target video accurately.




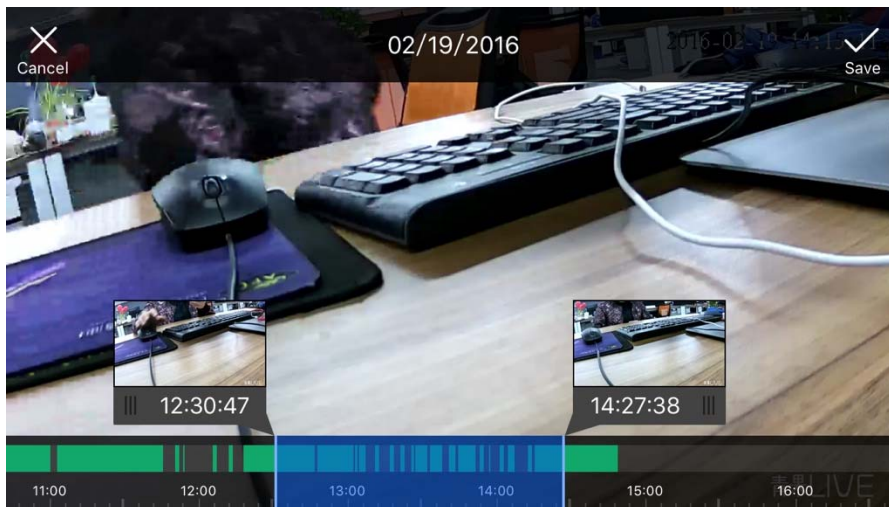
## Delete videos on a specific date

- You can tap  to enter the video deleting interface.
- You can delete videos recorded on any day. The deleting operation will empty the storage space for the day, and you cannot view or retrieve the deleted videos.

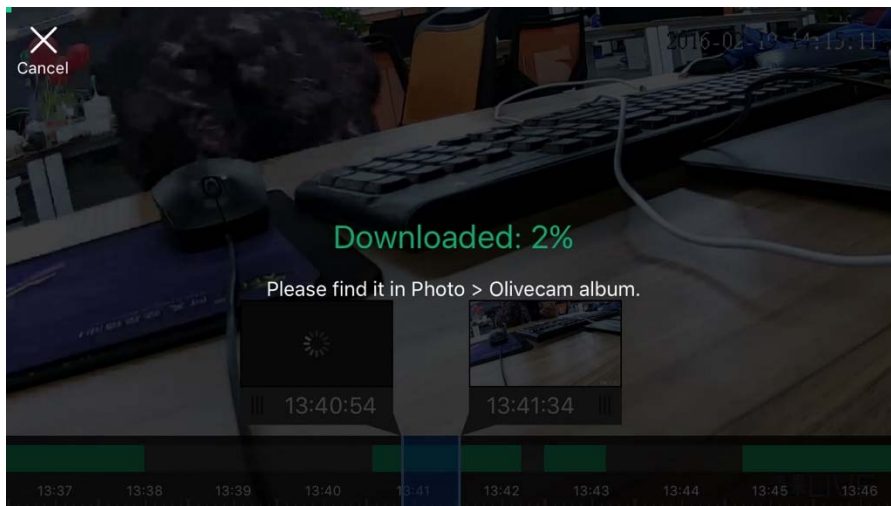


## Download videos

- You can tap  to enter the video downloading interface.
- A video clip to be downloaded must be within 5 minutes, so please download the video clip shorter than 5 minutes.




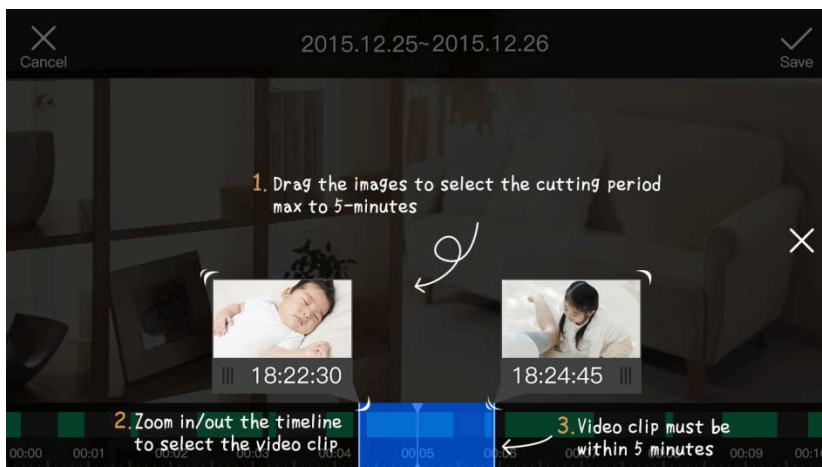
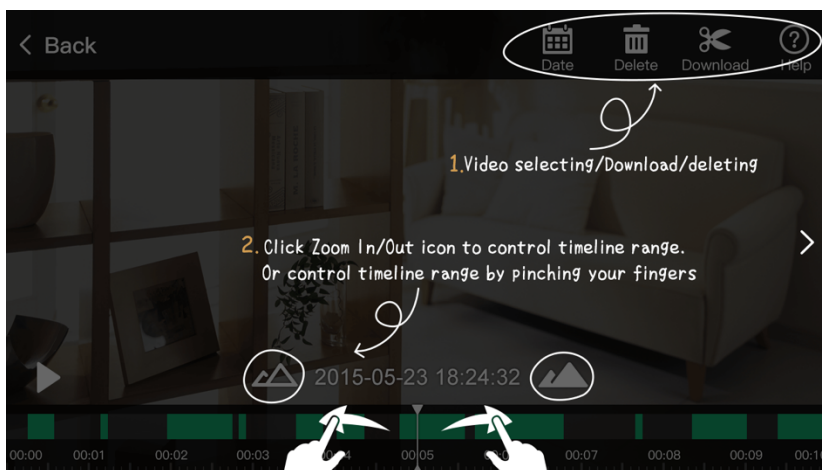
- You can drag both left and right time points to determine a video clip. The difference between the two time points shall be less than 5 minutes. The thumbnails corresponding to the current time points will be shown on the interface to facilitate your selection.
- After determining the video clip to be downloaded, tap the “Save” button to start the download. You can also tap the “Cancel” button to cancel the download at any time.



·Downloaded videos will be stored in Photo > Olivecam album.

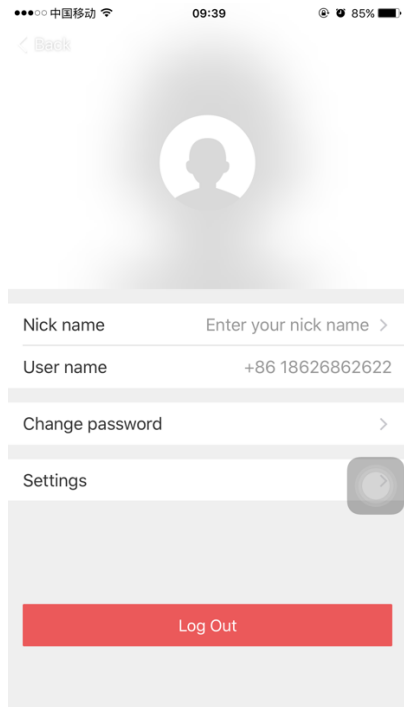
## Get help

·You can tap  to enter the help interface to get some help on operations.



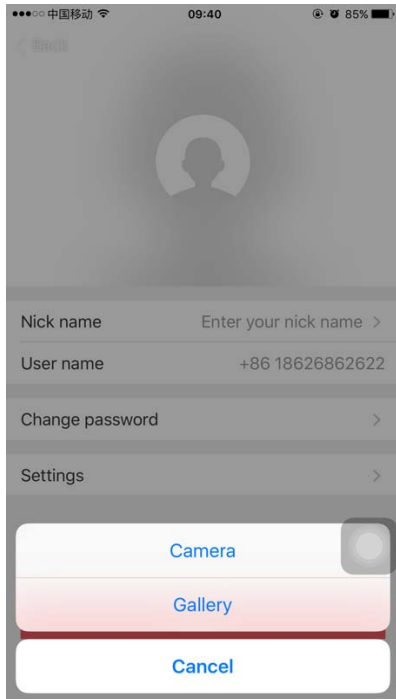
## 4.6 Personal Center

You can change your icon, nick name, password, and system settings, and log out in Personal Center.



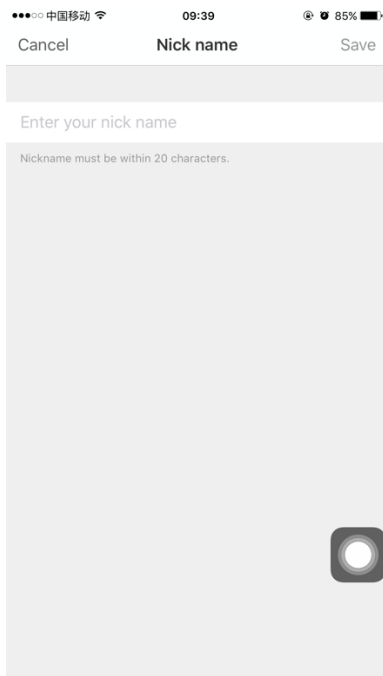
### Change icon

To make your Personal Center more attractive, we provide you with the icon editing function. You can upload your icon by selecting from your album or taking a picture directly. This function needs the right of using the camera on your device and visiting your album.



## Nick name

You can create a nickname on the interface. The nickname can be formed by Chinese characters, English letters, or both of them, and shall be no more than 20 characters.

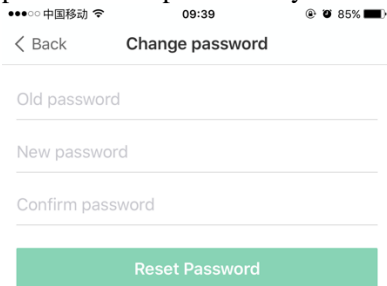


## User name

·User name refers to your ID. Your mobile phone number or email address, depending on your registration method, will be shown as your ID. It cannot be changed.

## Change password

·You can change your password here. The password reset would be successful only when the old password is input correctly.

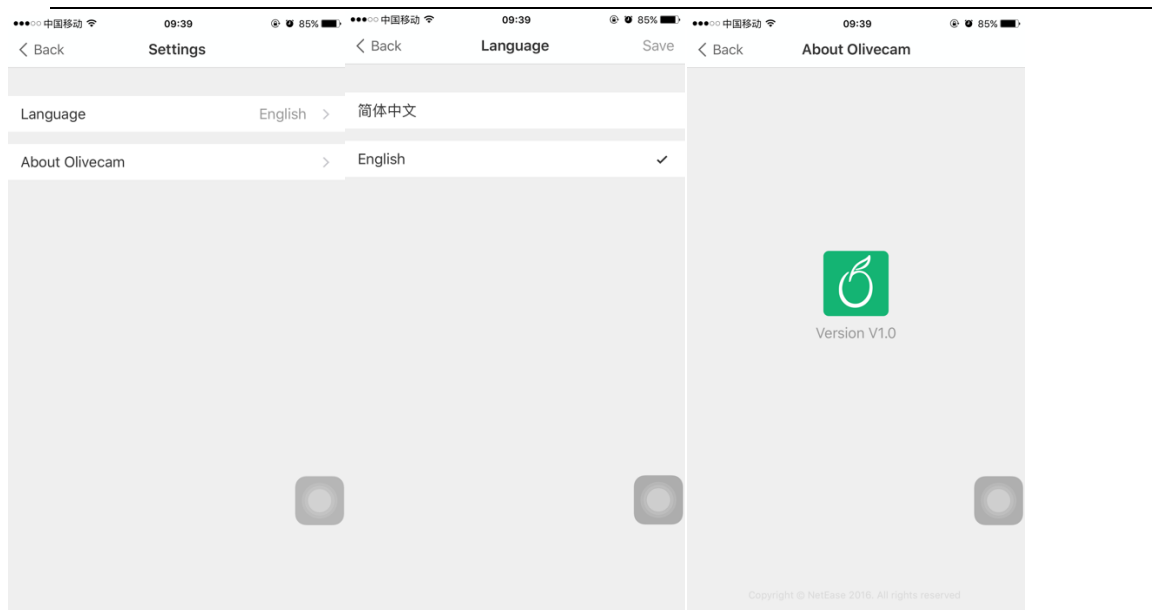


## Settings

·You can change the APP's system language on this interface, and choose Chinese or English according to your demand. The setting will take effect immediately, but 1-3 seconds may be required for the system to change to the selected language.

·About Olivecam item shows the version information of the Olivecam APP you are using.





#### FCC STATEMENT:

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.

Warning: 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.

#### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body