LANOPTIK

Ucam Plus App
for iOS

User Manual

Contents

Chapter 1: System Requirement & Software

1.1 Hardware Requirement

Apple iPhone 3, iPad 2 or higher.

1.2 Operational System Requirement

iOS 7.0 or higher.

Chapter 2: Software Installation

Step1：Install software from Apple App Store.

Note：Download and installation method, please refer to the relevant Instructions of iPAD or iPhone.

Step 2：After installation, the following icon will appear in your IOS menu interface.

Chapter 3: Start to use

Step 1: Turn the work mode switch on your WiFi camera to WiFi work mode. Wait for about 20 seconds until the green WiFi indicator light flashes, this function normal boot。

Step 2: Find the device name with beginning words VideoWiFi or WiFiCamera in "setup->Wi-fi" of the system, select and enter the default code 12345678 to connect the device. The picture below shows an example of successful connection.

Note: The name and password of the WiFi camera can be changed. For detailed information, please refer to 4.2.2.

Chapter 4: Operating Instructions

Click icon ⊙ on system desktop to display the following interface.

Preview: click to enter WiFi camera image preview interface.

File: check photographs and video files.
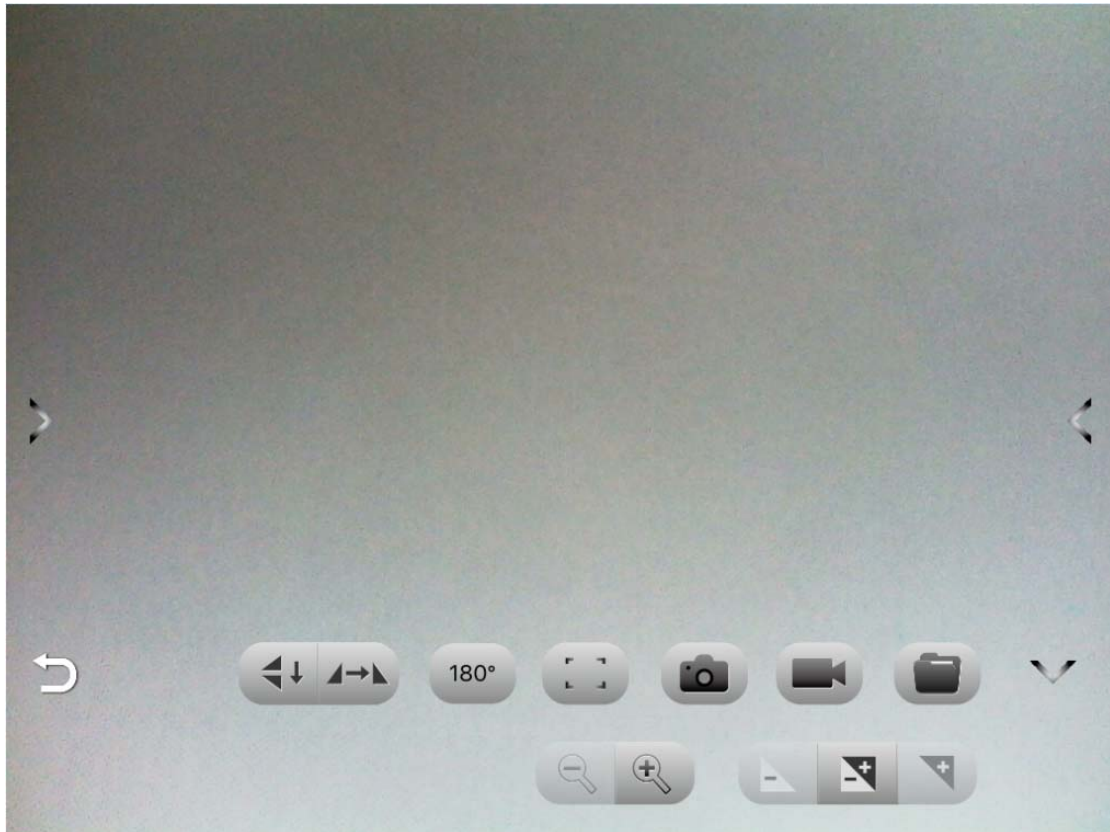
Scan QR code to capture image automatically.

Parameter setup: set parameters relevant to camera.

Help: refer to software instruction help.

4.1 Preview

Preview screen is as follows:

4.1.1 Function menu

Touch the screen to display the function menu or hide the function menu. function menu Instructions：

⋀ ⋁   Opening and closing/Extension menu

↰   Return to the previous page.

Image flip up and down.

Image flip left and right.

Rotate clockwise 180°.

When pressed, the automatic focus button will process auto focus. (If you need auto focus, please refer to the 4.1.2 'focus').

Capture the current previewed image and save it into specified file folder.

Record and save recording to specified file folder.

View photo and video files.

Zoom out is divided into 6 degrees with 1 degree minimum.

Zoom is divided into 6 degrees. Available for lower resolutions. Only: 640x480, 800x600. 1024x768.

Reduces exposure when the preview screen is too bright or when viewing a darker screen. Requires manual exposure mode below.

Automatic/manual exposure switch button.

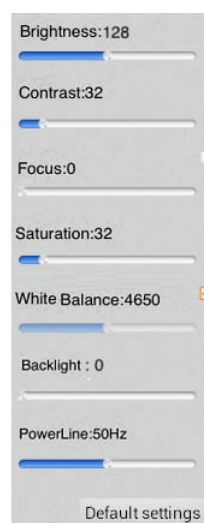Exposure up: when the preview screen gets over dark or the lighter part needs to be observed, this button can be used for adjustment to make the brightness of the preview screen suitable. Only adjusted under the status of manual exposure.

4.1.2 Parameter Adjustment Menu

Click the icon " ❯ "on the left side of the screen (if you can't see it, please click on the screen center.) tune parameter, shown as below.

Brightness   Adjust the brightness of the image. The image turns brighter overall when the brightness is adjusted stronger, and darker when adjusted weaker. The image detail may be lost during adjustment.

Contrast   djust the contrast ratio of the image. The bright spots of the image get brighter when the contrast ratio is adjusted stronger, and the dark spots darker when adjusted weaker. The image detail may be lost during adjustment.

Focus	When this option is clicked, the WiFi camera will focus automatically to raise definition. When this option is not clicked, the focal point can be adjusted manually.
Saturation	Adjusts the image saturation.
Auto White Balance	When this option is clicked, WiFi camera will process the white balance adjustment automatically according to the screen. When this option is not clicked, the White Balance can be adjusted manually.
Backlight contrast	Adjusts image contrast.
Power line	Adjust power supply frequency. Required if you see stripes or little ripples.
Reset to factory defaults	Restore to original factory default settings.

4.1.3 Resolution Selection Menu

Click the icon ⟨ click this iconto display resolution selection menu ⟩ on the right side of the screen orthe center of the screen to hide the resolution selection menu. You can select the resolution according to requirements. Click icon ✓ to save. Then please wait for about 1-9 seconds to finish resolution switch.
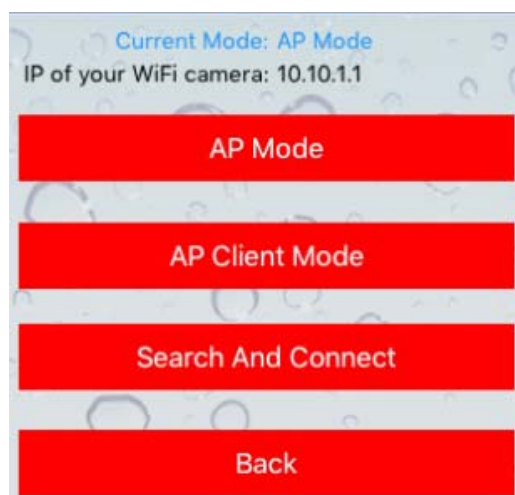
4.2 Setup

4.2.1 AP Client Mode Setup

1. Special instruction: The AP client mode needs connecting to a wireless router, so you must know in advance the required wireless router's name and password.

2. Encryption must be WEP, WPA-PSK or WPA2-PSK.

3. Wireless DHCP must be enabled and IP addresses available.

- Note1: Under AP client mode, image will first be transmit to wireless router and then to Android device.

- Note 2: It needs twice the image transmission bandwidth than wireless router. Under this mode, image transmission speed is slower than that under AP mode.

4. Image transmission requires significantly greater bandwidth. As a result, AP client mode works less well with multiple devices.

- Note：For better connection speed and effects, the number of the devices connected to each WiFi camera is advised not to exceed the following restriction.

Serial Number	Resolving power	Maximum Connection
1	640x480	10
2	800x600	8
3	1024x768	8
4	1280x720	8
5	1280x960	7
6	1920x1080	5
7	2592x1944	3

Setup steps are as follows

Step 1: click setup function button 🔧 under the homepage and enter setup page.

Step 2: select AP/AP client mode setup. After entering the below image, select AP client mode
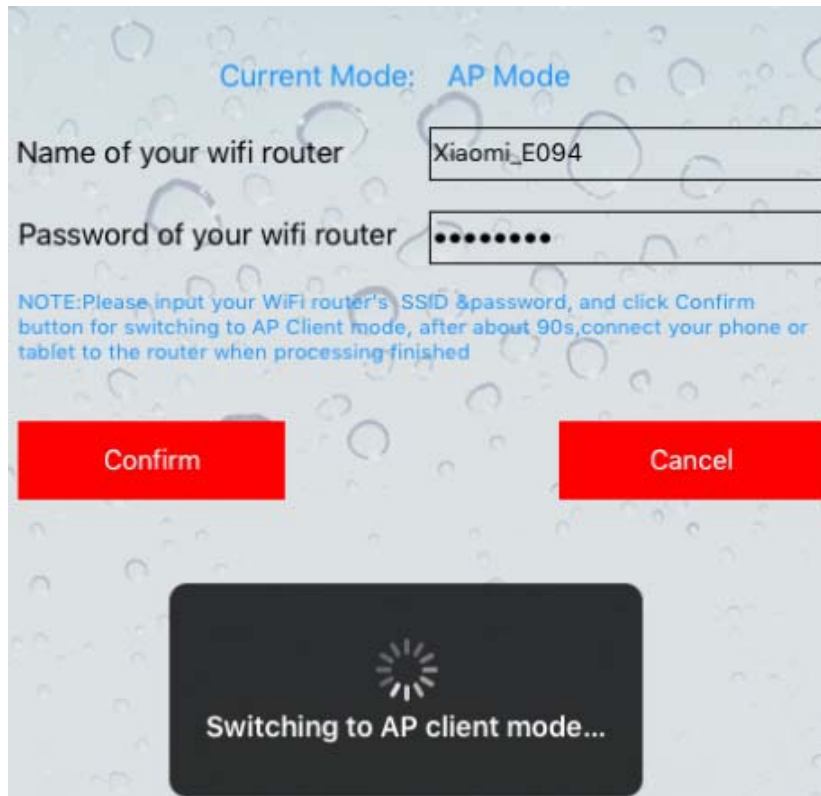
Step 3: After entering AP client mode, the software will locate your WiFi router. Select the router you need to connect or enter the needed router name and enter the password. Then click "Confirm" to enter the below image (shown as below).

Step 4：The Wifi camera will connect the router automatically aftericon "yes" is clicked.

Step 5：The device will start again automatically. Exit the software until WiFi indicator of the WiFi camera flashes.

Step 6：Open iOS device, click setup to enter WiFi setup interface, select and connect the above wireless router.

Step7：After "connected"displays, process WiFi Macro Camera software again.Enter the interface, select to enter AP/AP client mode setup and select "find device".

When several devices are connected to WiFi camera through "AP client mode", several search results will be get. The IP address in the example is the WiFi camera address connnected to the router. Click this address and the software can connect different cameras through the router. Please note: if the search time for the relevant IP address is beyond 76 seconds, the software will judge this circumstance as overdue ,

Click the botton and process searching again or inspect and restart the software and haredware device.
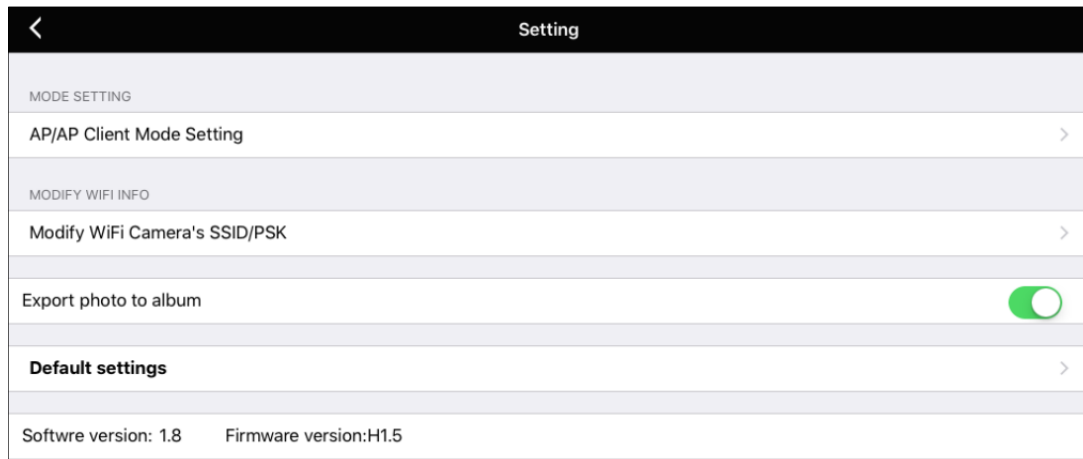
Step 8: After identifying the IP, return the main menu, click camera icon and wait for a few seconds for the preview screen.

Note: the differences between "AP mode" and "AP client mode" are:

1, "AP mode" can be defined as one WiFi camera can be connected to several laptops or cellpones;

2, "AP client mode" can be defined as multiple WiFi cameras are connected to one wireless router. When several laptops or cellphones are connected to this wireless router, one of the WiFi camera image information will be selected to display.
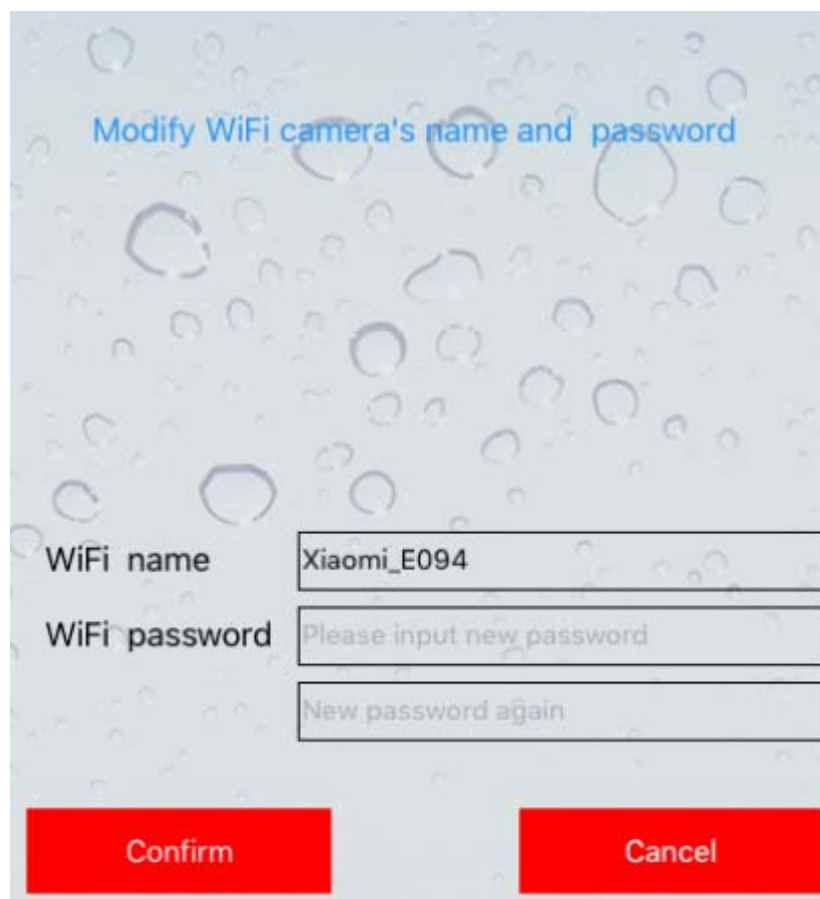
4.2.2 Modify WiFi camera SSID/PSK

Step 1: Enter the main interface, click icon and enter the setup interface, shown as below.

Step 2: Select "modify WiFi camera SSID/PSK" to enter modification interface. Please complete the name and code setup according to hint. Note: the code are required no less than 8characters.
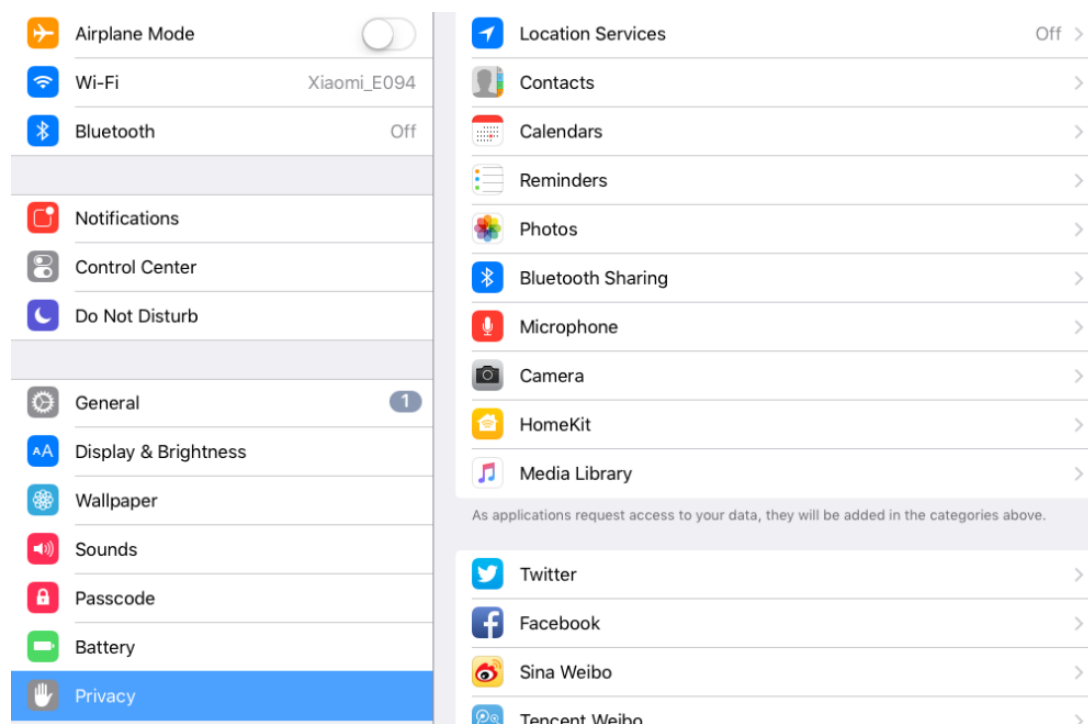
Step 3: Exit the software, go to the device wireless local area network and connect the camera. The camera name is the newly modified WiFi name and the password is the modified one. Reenter the software to use by new WiFi name.

4.2.3 Save photos on mobile phone album

For protection of privacy, the photos and videos shot by the software can only be viewed by opening the software.

If you need to save to iso system photo album, Please select "save photos on mobile phone album". select "allow WiFi Macro Camera to visit your photo" in system option "Setup – Privacy - Photo". shown as below.
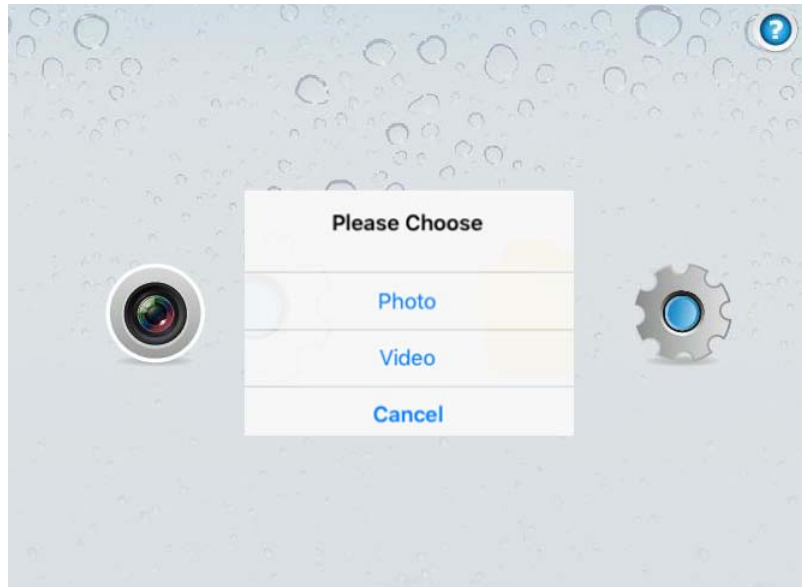

4.2.4 Restore All Setup
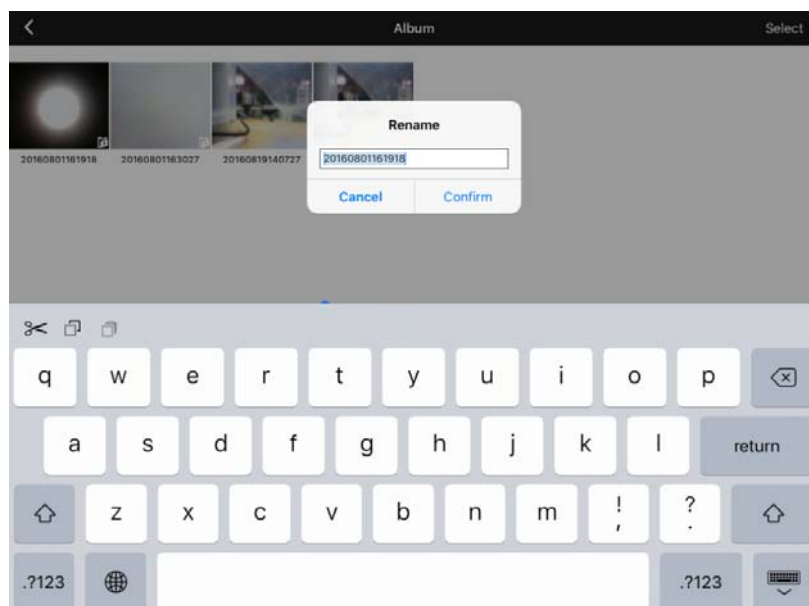
Resets all settings to factory defaults

4.3 Image and Video File Browsing

Go to the main menu and select [folder icon], to see your photos and videos, shown as below.

4.3.1 Photo rename

Click the button "photo" to enter picture preview. Click the name of the picture to change the name of the picture. Shown as below.

4.3.2 Photo Browsing

Select a picture and the port below will appear:

Mail: Put the pictures in email and send.

Previous photo: browse single photo to enter the previous photo.

Next photo: browse single photo to enter the next photo.

Export picture: you can save pictures to album in the iOS device and open the album in the system directly to preview the picture without necessity to enter the software.
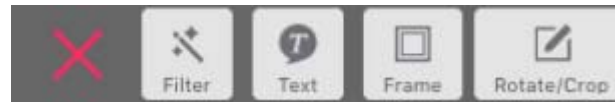
Note: Please ensure you select "save photos on mobile phone album" as described in 4.2.3. Meanwhile, select "allow WiFi Macro Camera to visit your photo" in system option "Setup – Privacy - Photo". Otherwise you will be prompted to export to fail.

Delete： Browsing the photos, you can press this button to delete directly needless photos.

Edit： Click this button to enter the below image.

✕ Click this button to exit the editor interface.

Filter： Click this button to enter the following interface and select the required screen effects.
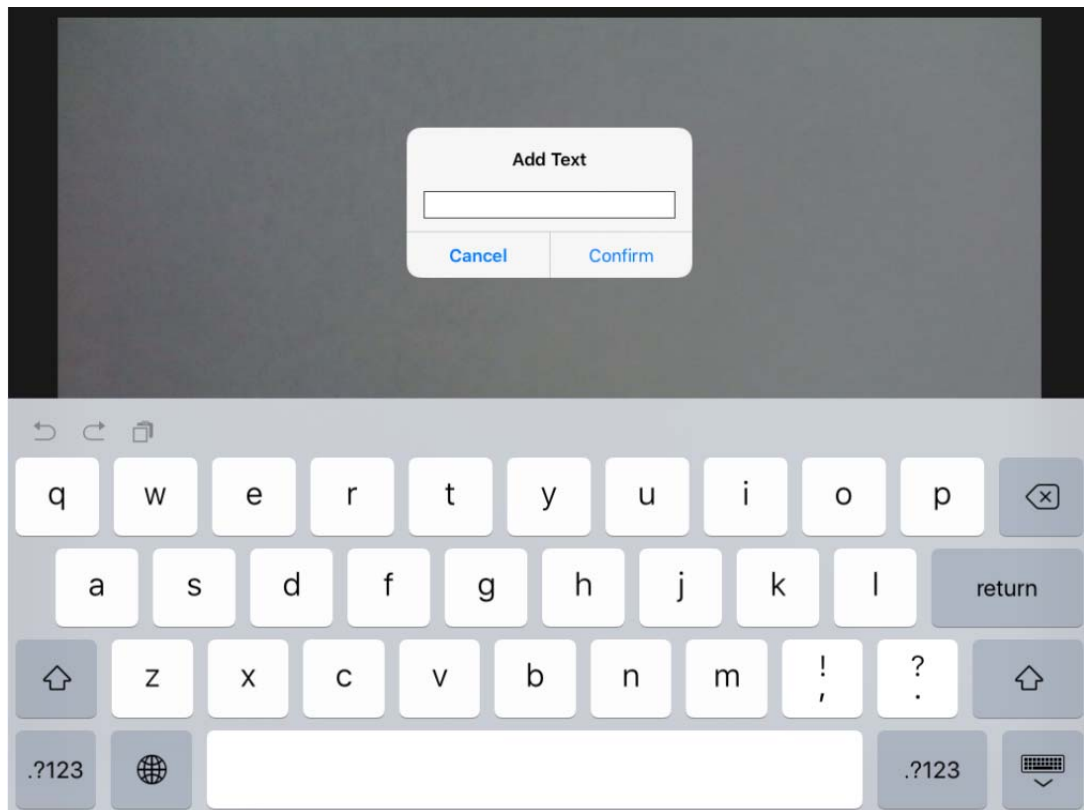

TEXT: Click this button to enter the following interface.

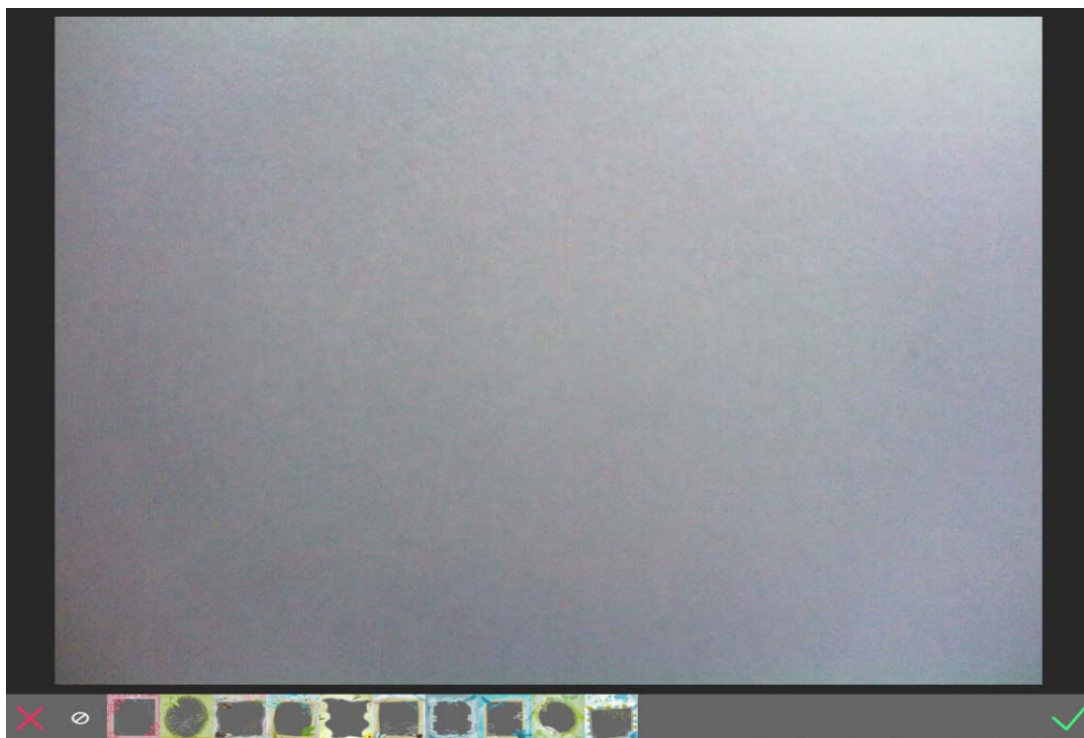Select "Color" or "font" to enter the following interface.

Three columns from left to right are respectively "Font style" respectively "font size" and "color". Choose your favorable style and click "Finish". Returns an interface, click "ADD" to enter the following interface.

Add character. Click "yes", drag the characters to certain spot. Click the screen again to complete this function.
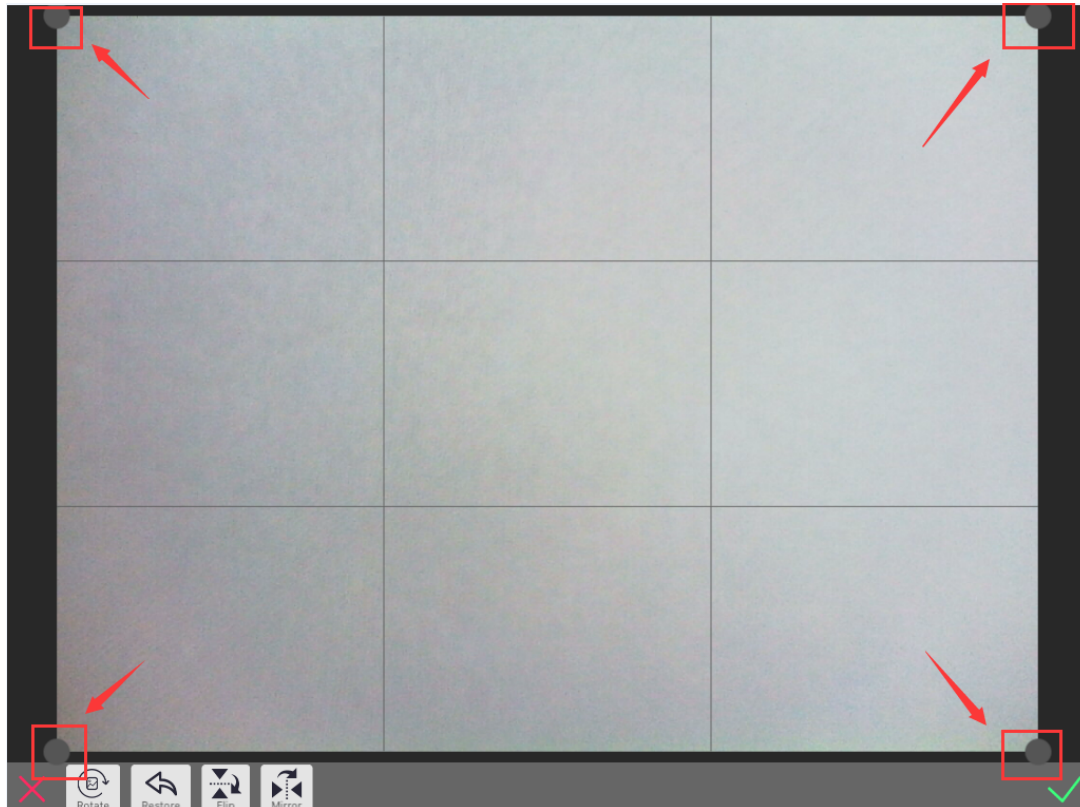
 Photo frame，Click this button to enter the following interface.

Select your favorable photo frame，At the same time can preview, click icon to save Settings.

Rotate cut, Click this button to enter the following interface.

Drag the four spots directed by the arrow on the screen and cut the picture. "Rotate" button: the picture will rotate clockwise 90° for each click.
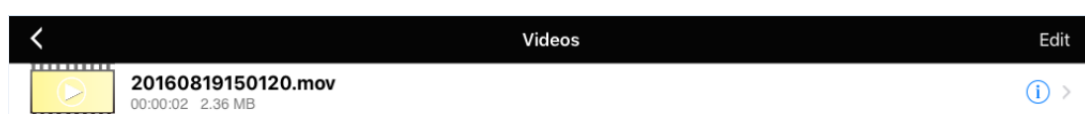
"Reset" button: the image will return to the original status.

"Flip up and down": the picture will flip in vertical direction.
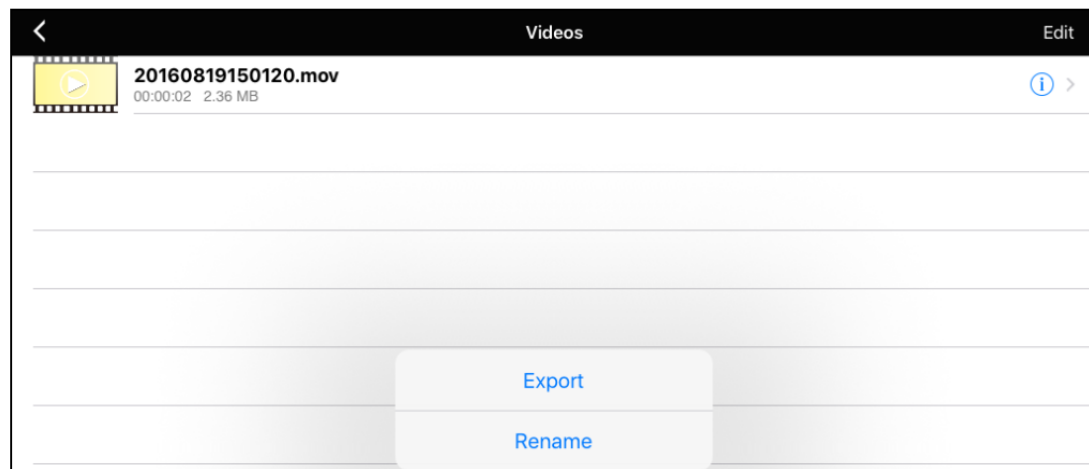
"Flip left and right": the picture will flip in horizontal direction.

4.3.3 Video play

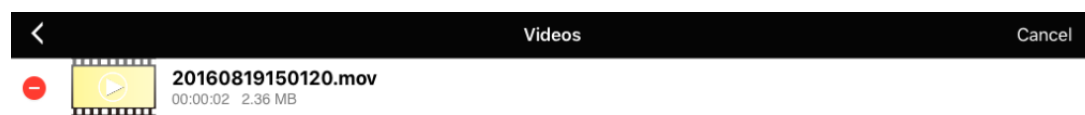Click the button "Video" to enter the video preview.

Click the button Video to watch the recorded video. Click the button ⓘ to enter the following interface.

Select export to save the video file into photo album on the IOS device. Open IOS device – Camera – Photo/Video for checking. Do not need to enter the software.

Note: Please ensure you select "save photos on mobile phone album" as described in 4.2.3. Meanwhile, select "allow WiFi Macro Camera to visit your photo" in system option "Setup – Privacy - Photo". Otherwise you will be prompted to export to fail.

Click the button "Edit", Click the button 🔴 , You can delete the video, shown as below.

4.4 Refer to Help

In the main menu, click help button ❓ to check App instruction manual