KÖNIG

MANUAL

IP Baby Monitor

Table of contents

Introduction

The wireless baby monitor enables parents to maintain a secure connection with their baby anytime, anywhere. It facilitates remote viewing on smart devices and will send out a push notification if it detects any motion or sound. For optimum protection the built-in temperature sensor will alert if the climate in the baby's room changes. The baby monitor is easy to set up and requires no complex configuration. The uCare Cam app, available for free on Google Play and the Apple App Store, offers a full scale of features which delivers complete comfort and reassurance for both parent and baby.

- We recommend that you read this manual before installing/using this product.
- Keep this manual in a safe place for future reference.

Safety precautions

This product should ONLY be opened by an authorised technician when service is required. Disconnect the product from the mains and other equipment if a problem should occur. Do not expose the product to water or moisture.

Packaging content

1x IP baby monitor
1x Camera mount
1x AC/DC adapter
1x Quick start guide
1x CD with complete manual

System requirements

- Device running on iOS 5.0 or above
- Device running on Android 4.0 or above
- Wi-Fi Router

Technical specifications

| Specifications	KN-BM40
Video codec	MJPEG
Resolution	VGA 640 x 480/QVGA 320 x 240/QQVGA 160 x 120
Frame rate	1~25 fps
Image sensor	CMOS
Lens	3.0 mm
Night vision	1 Lux, 5 meter
Flash memory	8 MB
Card storage	up to 32 GB SDHC (not included)
Audio	1-way (integrated microphone)
Networking protocol	IPV4, ARP, TCP, UDP, ICMP, DHCP Client, NTP Client, DNS Client, SMTP Client, P2P Transmission
Built-in network interfaces	802.11b/g/n WLAN
Wireless security	Wireless security: WEP/WPA/WPA2 wireless encryption
Wireless transmit output power	Wireless transmit output power: 16.5 dBm for 11b, 13.5 dBm for 11g, 13.5 dBm for 11n (+/− 1.5 dBm)
Video features	Adjustable image size and quality, Time stamp and text overlay, Flip
View angle	H: 46.4°; V: 31.9°; D: 54.5°
Digital zoom	Up to 4x
3A control	AGC (Auto Gain Control), AWB (Auto White Balance), AES (Auto Electronic Shutter)
Power	External AC-to-DC switching power adapter, 100 to 240 V AC, 50/60 Hz, DC Plug Output: 5 V DC/1 A
Dimensions (W x D x H)	74 x 74 x 65 mm (excluded camera mount)
Weight	72 g (without mount)
Max. power consumption	1.9 W
Operating temperature	0 to 40 °C (32 to 104 °F)
Storage temperature	-20 to 70 °C (-4 to 158 °F)
Humidity	Humidity: 20% to 80% RH non-condensing

Product description

KN-BM40
Front

1. LED indicator for status of IP camera
2. Light intensity sensor for IR LED
3. IR LED for 5 meter night view
4. Microphone

Back
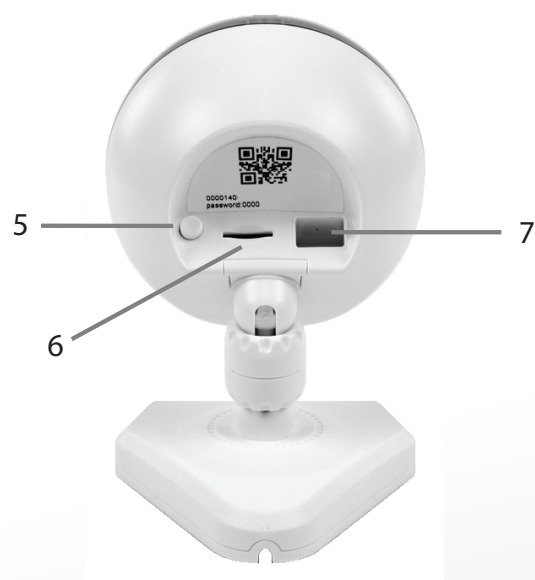
5. WPS/Reset button for set-up and reset
6. Slot for Micro SD card
7. 5 V DC input
8. Temperature sensor

User instructions

A. Hardware Installation
1. Please find a location to install IP baby monitor that is within good Wi-Fi signal reach of your home Router.
2. If you plan to hang the IP baby monitor, you can use the mounting kit found in inside box.
3. If the included power cable does not have sufficient length to reach power outlet, please purchase an extender cable from your local electronics store.
4. Connect the camera power adapter.

> ⚠️ **Warning:**
> Please use the power adapter included with your camera to avoid damage to the camera.

When the camera powers up, the status LED will be Green for about 15 seconds before flashing red. If there is no red LED flashing, please unplug the power cord, wait 5 seconds, then re-connect the power. It will take about 60 seconds for the IP baby monitor to finish starting up. The status LED should alternate between Red and Green. If the status LED does not flash Red and Green, please press and hold the WPS/RESET button at the back of IP baby monitor for 10 seconds.

B. Hardware Installation
1. Download the Smartphone App "uCare Cam" from the App store (iOS) or Play Store (Android).
2. Search for the App named "uCare Cam", then download and install it on your smartphone.
3. After the software installation is complete, this icon 🔵 will appear . Click on this to run the App.
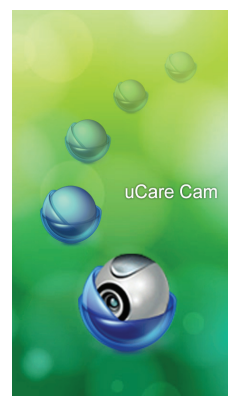
uCare Cam

C. uCare Cam APP Overview

Default camera password:	**0000**
Default manager name:	**admin**
Default manager password:	**0000**

There are 4 major function tabs at the bottom of the App main screen.

Camera List Tab

This is the main App screen. In this tab, all of the cameras which have been added will be listed.

Wi-Fi Setting or Wi-Fi Connect Tab

Please go to this tab to configure IP baby monitor Wi-Fi settings. There are two methods to install a new IP baby monitor and connect it to a Wi-Fi Router.
1. Router Mode
2. WPS (Wi-Fi Protect Setup) Mode
    (Requires a Router with WPS function using WPA/WPA2 encryption - WEP encryption will not work)
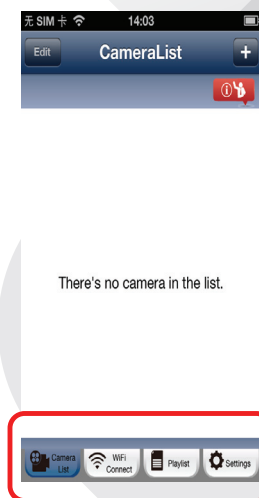
Play List Tab

Go to this tab to view all pictures taken by the user via smartphone. The pictures will be listed by camera.

Settings Tab

Configure IP baby monitor settings and remote microSD Card video playback.
User will need to input a management ID and password to enter this tab.
Default management ID: admin
Default password: 0000
If you forget your password, you can reset the IP baby monitor by pressing the WPS/RESET button on the back of the camera for 10 seconds. This will restore IP baby monitor to factory settings. You will need to set up the Wi-Fi connection again after you reset the camera.

D.   iOS – Setup IP baby monitor Wi-Fi

Method 1: Use WPS (Wi-Fi Protected Setup)

Available if your Wi-Fi router supports WPS and it is set to use **WPA** or **WPA2 security encryption**. WEP security encryption is not supported in WPS mode. An easy way to check if your router supports WPS is to look for a button that says "WPS" on the router. It may also be called "AOSS" or "QSS".
1. Press and hold the WPS/RESET button for 10 seconds at the back of the camera. It will reset and restart the uCare Cam. After about 60 seconds, the LED colour should flash Green and Red.
2. Press "WPS" button on the Wi-Fi router.
3. Press the WPS/RESET button on the back of the IP baby monitor for 2 seconds.
    If IP baby monitor has entered the WPS connection mode, the status LED colour will turn a fast blinking Green.
4. IP baby monitor will try for up to 2 minutes to connect to the Wi-Fi router using WPS.
5. If the LED colour changes to orange, your IP baby monitor has successfully connected to your router. If the LED does not change to orange, the setup has failed. Please make sure the IP baby monitor is within Wi-Fi distance of your router, press the WPS/RESET button for 10 seconds to reset the uCare Cam, and try the setup again.

6. Use the smartphone App to add IP baby monitor into the Camera List. See instruction manual – "iOS - Add IP baby monitor (already connected to router) to App".

Method 2: Use Router Mode

You will first need to connect to the router that is available inside the uCare Cam, configure the Wi-Fi settings for your home router, then IP baby monitor will restart and connect to your home router.
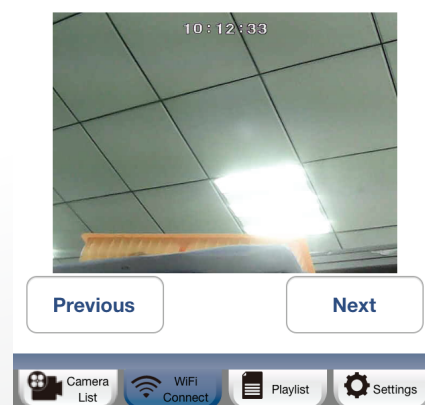
Write down, or have handy, the SSID of your Wi-Fi router and your Wi-Fi password. For example, the SSID may be something like "TP-Link-XXXXX" or "NETGEAR". You will need both the SSID and the password during this process.

1. Make sure the status LED on IP baby monitor is blinking Red and Green. If the status LED is not blinking Red and Green, please press and hold the WPS/RESET button for 10 seconds to reset the uCare Cam. Wait for 1-2 minutes for it to restart and the LED should turn Red and Green.
2. Connect your iOS device to the router inside the uCare Cam. To connect to IP baby monitor router, open up **"Settings"** , then **"Wi-Fi"** and let it search for a network. The network will be **"Wi-Fi-cam-p2p"**. Click on **"Wi-Fi-cam-p2p"** to connect.
3. Now, open the smartphone App "uCare Cam" and click on the tab at the bottom of the screen that says **"Wi-Fi Connect"**. Click on **"Router mode"**, then **"Next"**. You will see live video.
4. Enter the Wi-Fi router SSID and password for your home router. Click on the "**Next**" button and again, on the next screen, the "**Next**" button.
5. Please enter a Camera name (2 to 20 characters) and the default password "0000". You are encouraged to change the default password after setup for security purposes. Then click "**Finish**".
6. After IP baby monitor receives this information, it will restart. Please wait for it to start up and connect to your home router. When it successfully connects, the status LED colour will turn Orange. It may take up to 10 minutes. If the status LED colour does not turn orange, please check your router and make sure IP baby monitor is within the signal area of your Wi-Fi router. Then try setup again, starting from Step.

No SIM 📶 10:20

Settings   **WLAN**

WLAN   **ON**

Choose a Network…

galun_pc

✓ wifi-cam-p2p

Other…

Ask to Join Networks   **ON**

Known networks will be joined automatically. If no known networks are available, you will be asked before joining a new network.

无 SIM 卡 📶 14:05

WiFiConnect   WiFiConnect

Step 3.

Please wait for the video screen and then press Next button to continue.

10:12:33

Previous   Next

Camera List   WiFi Connect   Playlist   Settings

7

7. Your iOS device should have disconnected from **"Wi-Fi-cam-p2p"** and reconnected to your home router. Please check that your iOS device has connected to your home router now, via **"Settings"** -> **"Wi-Fi"**. If it has not, please connect your smartphone to your home router Wi-Fi.
8. Open the "uCare Cam" smartphone App, and you can click on the camera name in the Camera List view to connect.

E. Android – Setup IP baby monitor Wi-Fi

There are two methods to set up IP baby monitor to connect to a new Wi-Fi Router.

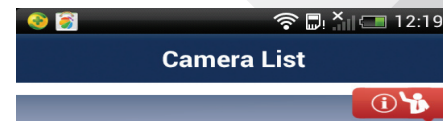### Method 1: Use WPS (Wi-Fi Protected Setup)

Available if your Wi-Fi router supports WPS and it is set to use **WPA or WPA2 security encryption**. WEP security encryption is not supported for WPS mode. An easy way to check if your router supports WPS is to look for a button that says "WPS" on the router. It may also be called "AOSS" or "QSS".

1. Press and hold the WPS/RESET button for 10 seconds at the back of the camera. It will reset and restart the uCare Cam. After about 60 seconds, the LED colour should flash Green and Red.
2. Press "WPS" button on Wi-Fi router.
3. Press the WPS/RESET button on the back of the IP baby monitor for 2 seconds.
   If IP baby monitor has entered the WPS connection mode, the status LED colour will turn a fast blinking Green.
4. IP baby monitor will try for up to 2 minutes to connect to the Wi-Fi Router using WPS.
5. If the LED colour changes to Orange, your IP baby monitor has successfully connected to your router. If the LED does not change to orange, the setup has failed. Please make sure the IP baby monitor is within Wi-Fi distance of your Router, press the WPS/RESET button for 10 seconds to reset uCare Cam, and try the setup again.
6. Use the smartphone App to add IP baby monitor into Camera list. See instruction manual – "Android - Add IP baby monitor (already connected to router) to App".

Method 2: Use Router Mode

Please have your Wi-Fi password readily available as you will need it in this process.

1. Open the Smartphone APP "uCare Cam" and click on the tab at the bottom of the screen that says **"Wi-Fi Setting"**.
2. Click on **"Router mode"**.
3. Make sure the status LED on IP baby monitor is blinking Red and Green. If the status LED is not blinking Red and Green, please press and hold the WPS/RESET button for 10 seconds to reset the uCare Cam. Wait for 1-2 minutes for it to restart and the LED should become turn Red and Green.
4. Click **"Next"**. Your smartphone will start to search for the uCare Cam. Once it finds it, you will see live video. Click on **"Next"** button.
5. Your smartphone will search for nearby Wi-Fi signals. Once they are found, you will see a list of routers.
6. Click on your router name and enter your Wi-Fi password in the pop-up screen.
7. Please enter a Camera name (2 to 20 characters) and the default password "0000". You are encouraged to change the default password after setup for security purposes. Then click "**OK**" in the top right corner.
8. The camera will restart and the Smartphone App will automatically connect to the camera in Live View.
9. When IP baby monitor successfully connects to your router, the status LED colour will turn Orange. It may take up to 10 minutes. If the status LED colour does not turn orange, please check your router and make sure IP baby monitor is within the signal area of your Wi-Fi Router. Then try the setup again.
10. If the setup is successful, the IP baby monitor will be automatically added to your Camera List window and you can click on the camera name to view Live Video.
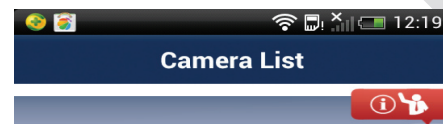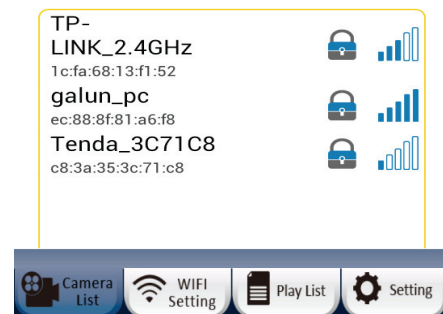
F. iOS – Add IP baby monitor (already connected to Router) to App

There are three ways to add a IP baby monitor to the Camera List view if the IP baby monitor is already connected to the internet. You can:

- Scan for IP baby monitor in local intranet
- Scan QR code at the back of IP baby monitor
- Type in 20 digit code

Method 1: Scan for IP baby monitor in local intranet

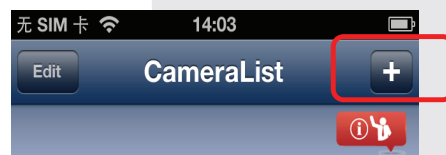1. Make sure your smartphone is connected to the same router as your uCare Cam. Open up the Smartphone App "uCare Cam" and click on the "+" at the top right of the screen.
2. Click on **"Scan Camera's UID in intranet"**.
3. You will see a list of UIDs that were found on your local intranet.
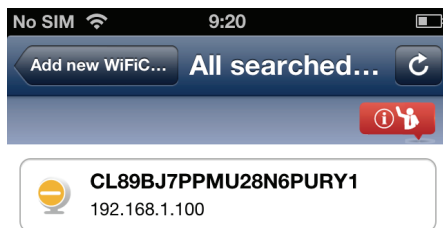
4. Click on the UID you would like to add.
5. Please enter a Camera name (2 to 20 characters) and the camera password. Default password is 0000. Click **"Done"** on the top right of window.

There's no camera in the list.

6. You will see the Camera name now in Camera List view. It should indicate that the Camera is **"Online"**. To connect to the Camera, please click on the Camera name. If the Camera is not **"Online"**, you may need to force reconnect. To force reconnect, click on the right arrow and click on **"Reconnect"**. Click on the Camera name once it shows **"Online"**.

Method 2: Scan QR Code at back of the uCare Cam

1. Make sure your smartphone is connected to the internet. Open up the Smartphone App "uCare Cam" and click on the "+" at the top right of the screen.
2. Click on **"Scan camera QR code"**.
3. You will see your smartphone camera live view. Face your smartphone camera towards the QR code found on the back of the uCare Cam. Please make sure the QR code is clear and fully viewable in the screen. Once the QR code has been detected, the App will display the UID in the App window.
4. Please enter a Camera name (2 to 20 characters) and the camera password. The default password is 0000. Click **"Done"** on the upper right of the screen.

5. You will see the Camera name now in Camera List view. It should indicate that the Camera is **"Online"**. To connect to the Camera, please click on the Camera name. If the Camera is not **"Online"**, you may need to force reconnect. To force reconnect, click on the right arrow and click on **"Reconnect"**. Click on the Camera name once it shows **"Online"**.

Method 3: Type in the 20 digit QR code

1. Make sure your smartphone is connected to the internet. Open up the Smartphone App "uCare Cam" and click on the **"+"** at the top right of the screen.
2. Click in the **"UID"** field to enter typing mode.
3. Type in the 20 digit code exactly as printed underneath the QR code on the back of the uCare Cam.
4. Please enter a Camera name (2 to 20 characters) and the camera password. The default password is 0000. Click **"Done"** on the upper right of the screen.
5. You will see the Camera name now in the Camera List view. It should indicate that the Camera is **"Online"**. To connect to the Camera, please click on Camera name. If the Camera is not **"Online"**, you may need to force reconnect. To force reconnect, click on the right arrow and click on **"Reconnect"**. Click on the Camera name once it shows **"Online"**.

G. Android – Add IP baby monitor (already connected to router) to App

There are three ways to add a IP baby monitor to the Camera List view if the IP baby monitor is already connected to the internet. You can:
- Scan for IP baby monitor in local intranet
- Scan the QR code at back of IP baby monitor
- Type in 20 digit code

Method 1: Scan for IP baby monitor in local intranet

1. Make sure your smartphone is connected to the same router as your uCare Cam. Open up the Smartphone App "uCare Cam" and click on the **"Click here to import installed Wi-Fi-Cam"** at the top of the screen.
2. Click on **"Search"**.
3. You will see a list of UID's that were found in your local intranet (Figure XX).
4. Click on the UID you would like to add.
5. Please enter a Camera name (2 to 20 characters) and the camera password. The default password is 0000. Click **"OK"** at the bottom of the screen.
6. You will see the Camera name now in Camera List view. It should indicate that the Camera is "**Online**". To connect to the Camera, please click on Camera name. If the Camera is not "**Online**", you may need to force reconnect. To force reconnect, click and hold on the Camera name. A pop-up window will give you options to Reconnect, Edit, and Remove Camera. Click on **"Reconnect"** then click on the Camera name once it shows **"Online"**.
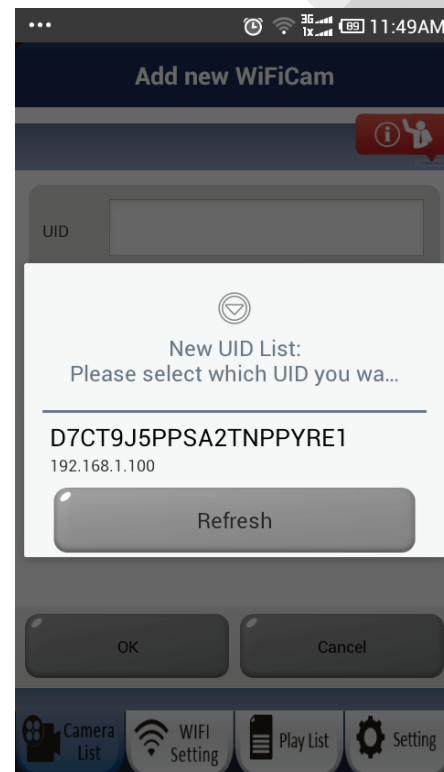
**Method 2: Scan QR Code on the back of uCare Cam**

1. Make sure your smartphone is connected to the internet. Open up the Smartphone App "uCare Cam" and click on the **"Click here to import installed Wi-Fi-Cam"** at the top of the screen.
2. Click on **"QR Code"**. You are required to have a QR code reader installed on your Android phone. A popular QR code reader might be "QR Droid".
3. You will see your smartphone camera live view. Face your smartphone camera towards the QR code found on the back of the uCare Cam. Please make sure the QR code is clear and fully viewable in the screen. Once the QR code has been detected, the App will display the UID in the App window.
4. Please enter a Camera name (2 to 20 characters) and the camera password. The default password is 0000. Click **"OK"** at the bottom of the screen.
5. You will see the Camera name now in the Camera List view. It should indicate that the Camera is **"Online"**. To connect to the Camera, please click on the Camera name. If the Camera is not **"Online"**, you may need to force reconnect. To force reconnect, click and hold on the Camera name. A pop-up window will give you options to Reconnect, Edit, and Remove Camera. Click on **"Reconnect"** then click on Camera name once it shows **"Online"**.

Method 3: Type in 20 digit QR code

1. Make sure your smartphone is connected to the internet. Open up the Smartphone App "uCare Cam" and click on the **"Click here to import installed Wi-Fi-Cam"** at the top of the screen.
2. Click in the **"UID"** field to enter typing mode.
3. Type in the 20 digit code exactly as printed underneath the QR code in back of the uCare Cam.
4. Please enter a Camera name (2 to 20 characters) and the camera password. The default password is 0000. Click **"OK"** on the bottom of the screen.
5. You will see the Camera name now in Camera List view. It should indicate that the Camera is **"Online"**. To connect to the Camera, please click on the Camera name. If the Camera is not **"Online"**, you may need to force reconnect. To force reconnect, click and hold on Camera name. A pop-up window will give you options to Reconnect, Edit, and Remove Camera. Click on **"Reconnect"** then click on Camera name once it shows **"Online"**.

H. Live Video Window & Network Connection Type

When you connect to your uCare Cam, you will see the below Live Video screen. At the top of the screen, there will be some information listed to help you understand the performance of your internet connection.
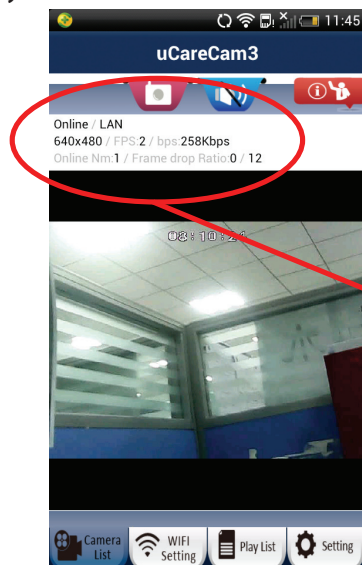
Online/P2P: Connection type - there are three types, LAN, P2P, and Relay. Connection type shown is P2P
* **640 x 480** is the video resolution. IP baby monitor supports VGA 640 x 480, QVGA 320 x 240, and QCIF 160 x 120
* **FPS** is current frames per second
* **OnLine Nm:** number of users currently connected to this uCare Cam
* **Frame Ratio 0/499:** first number is packet loss number, second number is packet receive number. If the first number is too high compared to the second number, it means that your internet connection speed is slow or unsteady.

Connection Types

There are three types of network connection types possible between IP baby monitor and your Smartphone App.

1) **Local Area Network (LAN) Mode**
   Both IP baby monitor and your smartphone are connected to the same Wi-Fi Router. Typical frame rate will be around VGA 640 x 480 15~20 fps.

2) **Point to Point (P2P) Mode**
   IP baby monitor will establish a point to point network connection directly with the smartphone.
   Typical scenario will be that the IP baby monitor is installed at home or in the office and the smartphone has a 3G/3.5G/4G internet connection. Typical frame rate will be around VGA 640 x 480 10~15 fps.

3) **Relay Mode**
   IP baby monitor and smartphone cannot establish a point to point network connection link. IP baby monitor must send Audio/Video data to a relay server and the smartphone will retrieve data from the relay server. In relay mode, there will be a limit on the video download frame rate. Typical scenario will be that the IP baby monitor is installed at home or in the office and the smartphone is using a Wi-Fi connection.
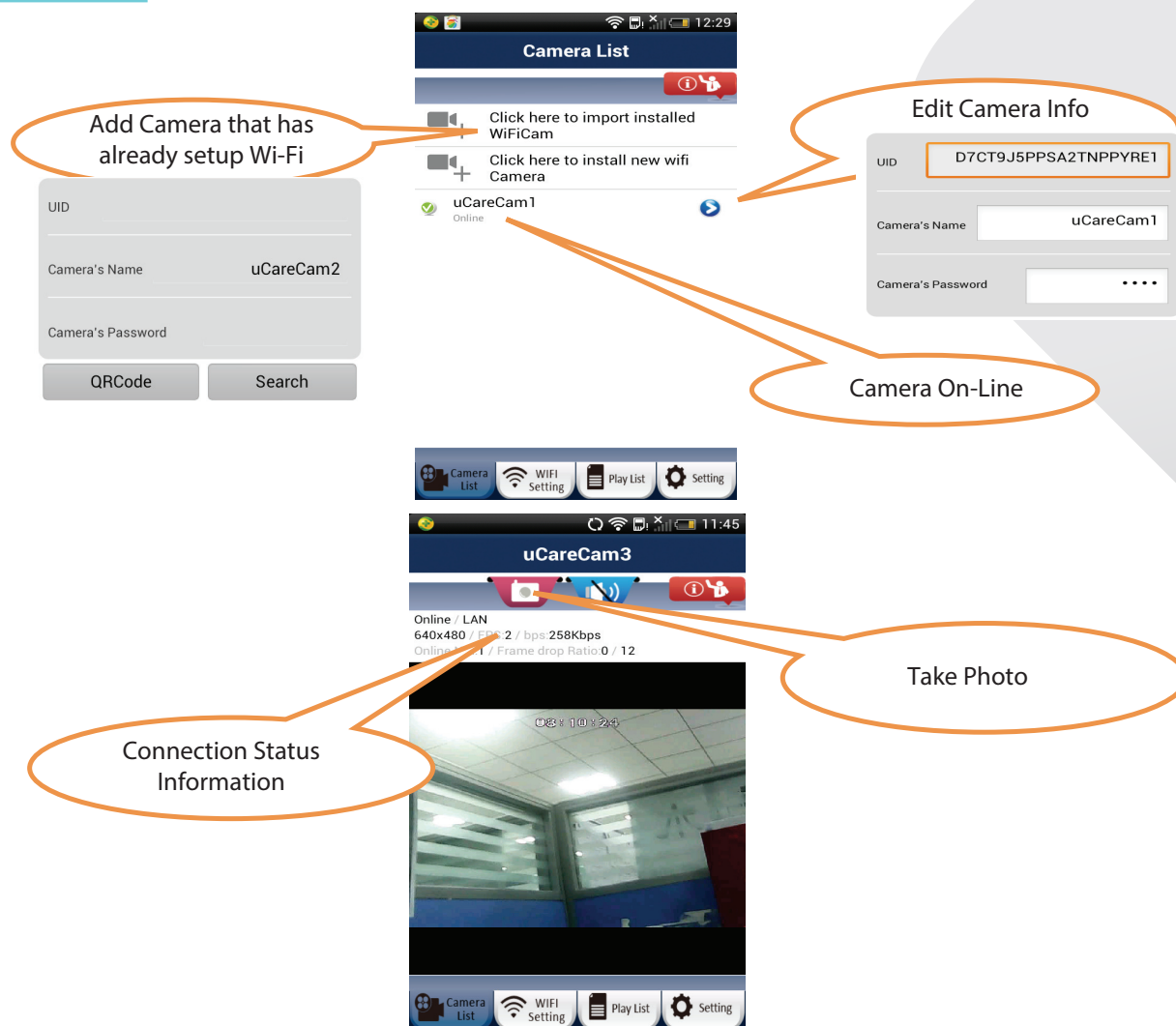
Remark:
- When using 3G/3.5G/4G to connect to uCare Cam, the App will use P2P mode.
  If the smartphone download speed is too slow, the App will switch to relay mode. The user can force the App to reconnect to IP baby monitor and it will try P2P mode again. To force reconnect, press and hold the camera name on the Camera list. A pop-up menu will appear with the option to "Reconnect". Please click "Reconnect".
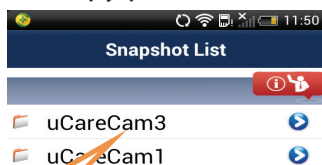
I. Using the uCare Cam App

The IP baby monitor has a lot of functions possible through the Smartphone App. Please see below for some of the key functions.
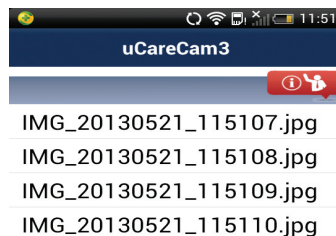
Camera List

Add Camera that has already setup Wi-Fi

UID

Camera's Name   uCareCam2

Camera's Password

| QRCode | Search |

Camera List

Click here to import installed WiFiCam

Click here to install new wifi Camera

uCareCam1
Online

Edit Camera Info

UID   D7CT9J5PPSA2TNPPYRE1

Camera's Name   uCareCam1

Camera's Password   • • • •

Camera On-Line

Camera List   WIFI Setting   Play List   Setting

uCareCam3

Online / LAN
640x480 / FPS:2 / bps:258Kbps
Online:1 / Frame drop Ratio:0 / 12

Take Photo

Connection Status Information

Camera List   WIFI Setting   Play List   Setting

15

Playlist

User can view, delete, and copy picture files.

Snapshot List

uCareCam3
uCareCam1

Camera file folder

uCareCam3

IMG_20130521_115107.jpg
IMG_20130521_115108.jpg
IMG_20130521_115109.jpg
IMG_20130521_115110.jpg

File list per camera

Camera List | WIFI Setting | Play List | Setting

IMG_20130521_115110.jpg saved

Camera List | WIFI Setting | Play List | Setting

IMG_20130521_115107.jpg

Photo view

IMG_20130521_115107.jpg

File delete

Delete this file

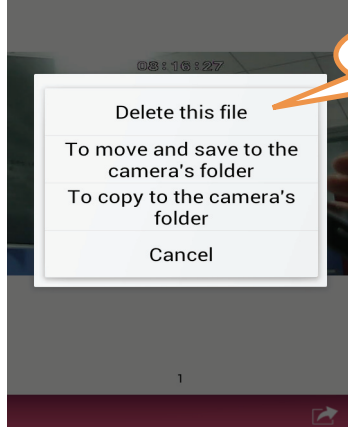To move and save to the camera's folder

To copy to the camera's folder

Cancel

16
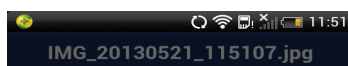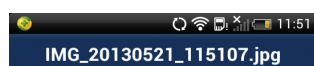
Settings

Manage uCare Cam (Default manager name: admin, Default Password: 0000)
Only one user can manage a camera that is online and connected to the smartphone App at any one time.
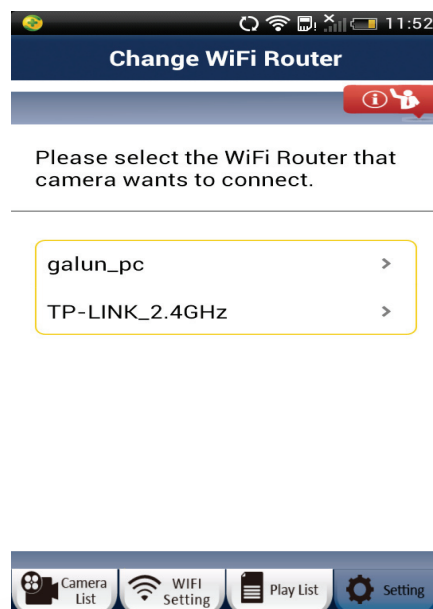Here, the user can:
- Check Camera Info
- Change Wi-Fi Router
- Change Alarm Settings – "Warning & Notify Setting"
- Set Real-time video
- Check SD Card Recording
- Play SD Card Video
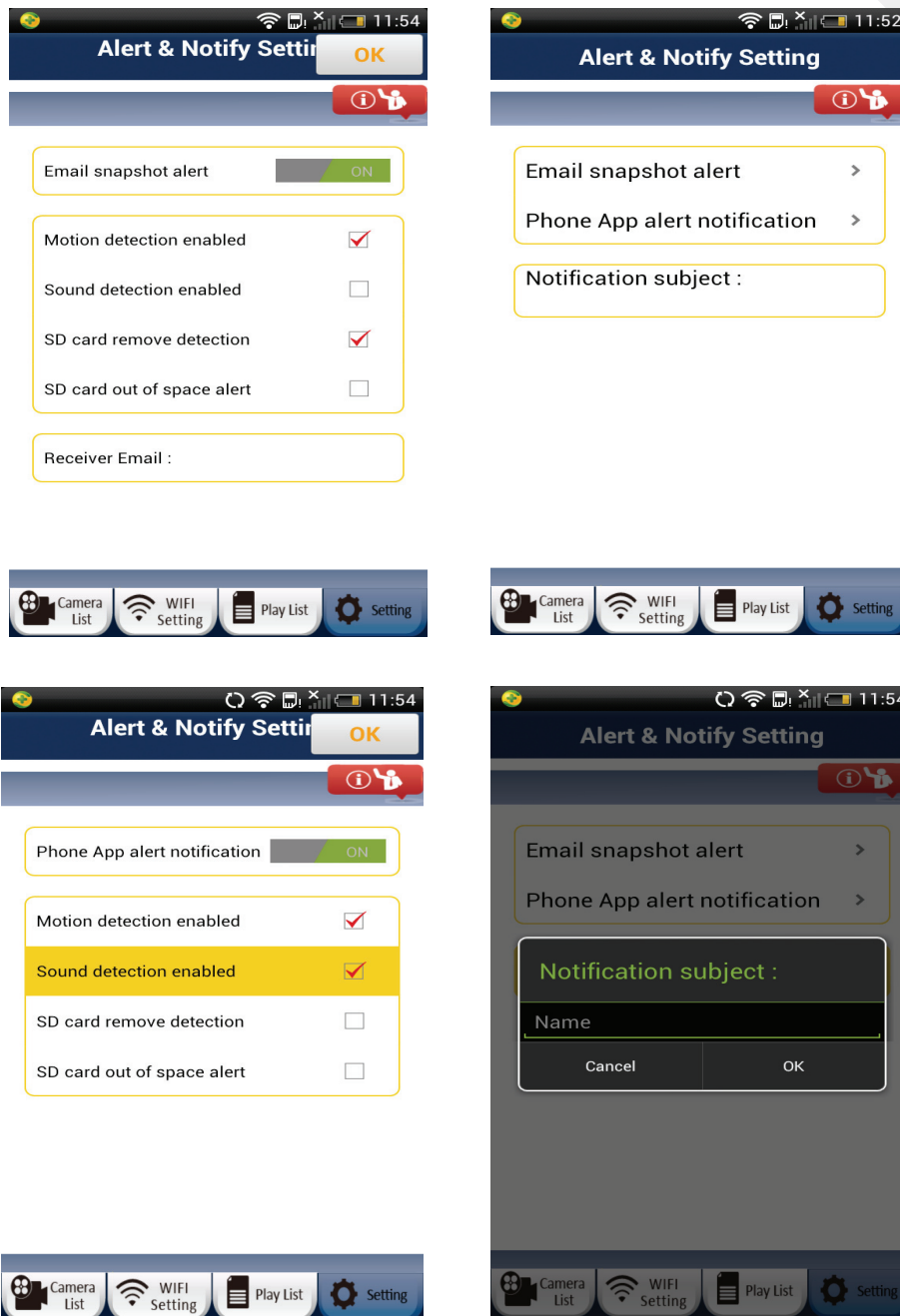- Set Password
- Change Date & Time
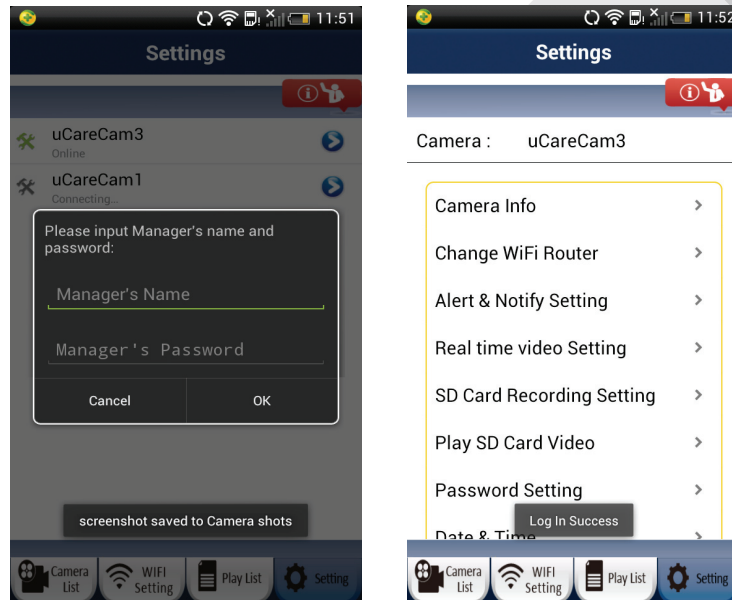
1) **Change Wi-Fi Router**
   User can remotely switch the camera to connect to a different Wi-Fi router.

2) **Alert & Notify Setting/Warning & Notify Setting**
   The camera has a number of hardware alarm detection possibilities.
   User can set the desired trigger and notification. When a new event is generated, the App will notify the user either through email or through a push notification on the smartphone.

Set Email Alerts

To setup your email to receive motion/sound/etc. alerts, please login to the "Settings" page with Manager name and password (default: admin/0000).

1) Click on "Alert & Notify Setting" or "Warning & Notify Setting".
2) Click on "Email snapshot alert".
3) You will see a variety of options. You can touch and scroll down the page to see more options.
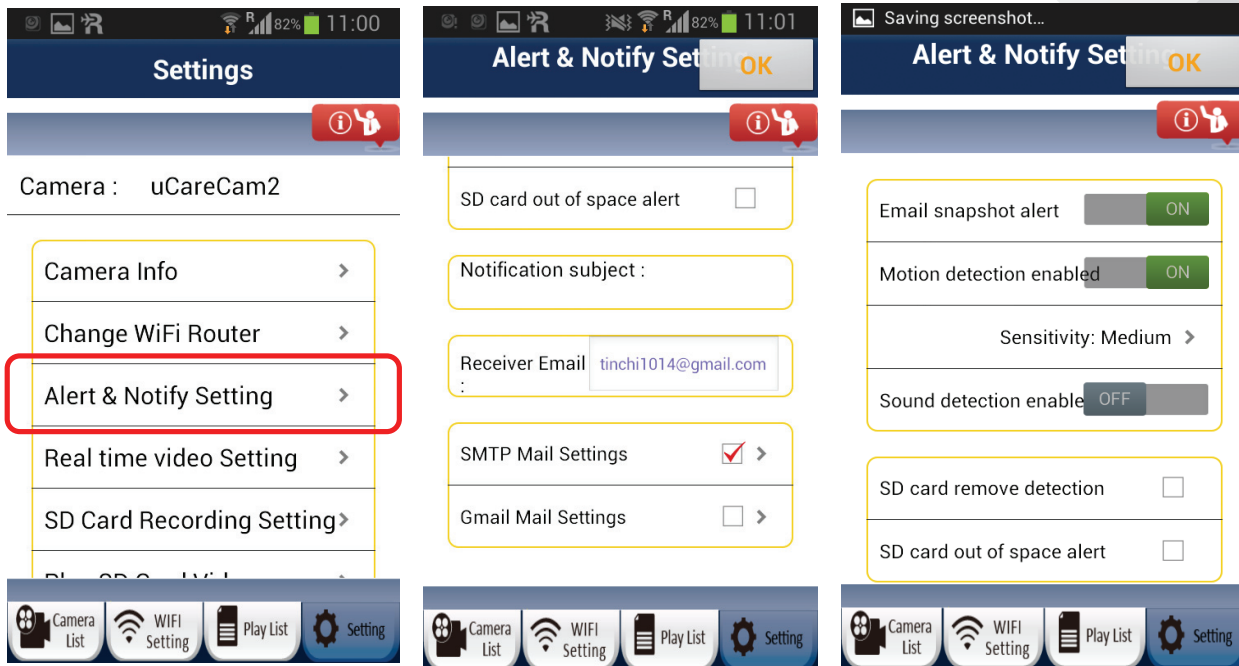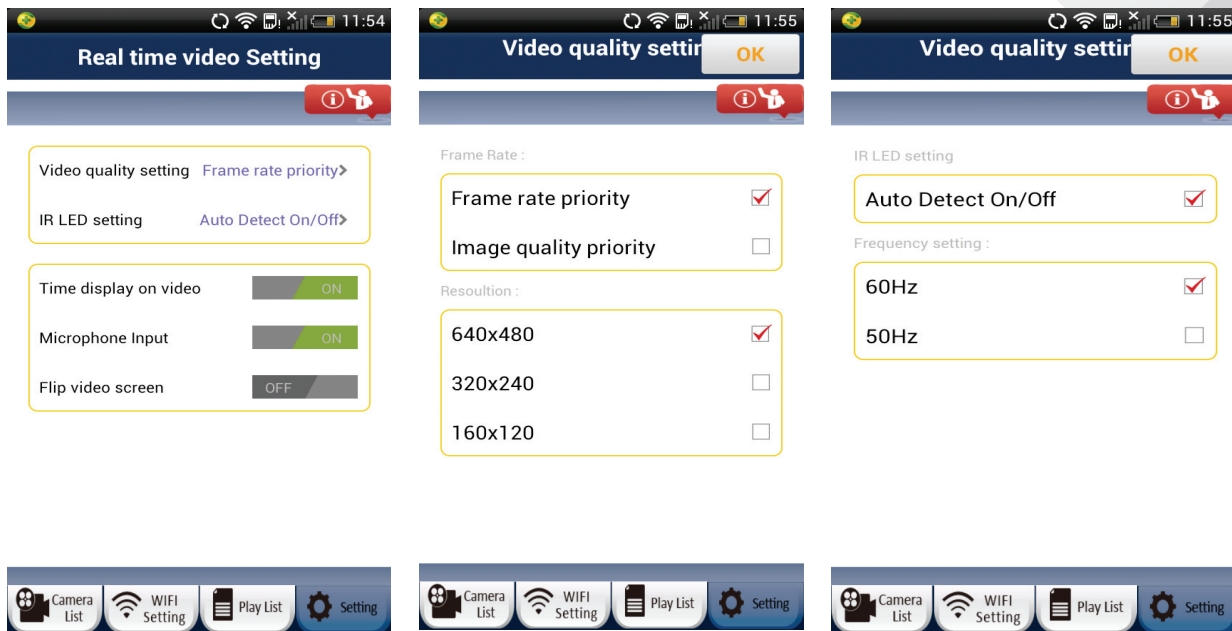
- **Email snapshot alert** – Turn email on/off
- **Motion detection enabled** – Turn motion detection on/off
- **Sensitivity** – Motion detection sensitivity (High, Medium, Low)
- **Sound detection enabled** – Turn sound detection on/off
- **SD card remove detection** – Send alert if SD card is removed
- **SD card out of space alert** – Send alert if SD card is full
- **Notification subject** – Note to be added to email alert (less than 10 characters)
- **Receiver Email** – Email address to send alert to
- **SMTP Mail Settings** – Only either SMTP or Gmail mail settings can be set. Please enter your email provider's SMTP server settings. You may need to contact your email provider for the server settings. Please enter your email address and email password. This account will be used as the "Sender" or "From" for the email alerts.
- **Gmail Mail Settings** – Only either SMTP or Gmail mail settings can be set. For convenience, we have already entered Gmail's SMTP server settings. Please enter your Gmail account email and Gmail password. This account will be used as the "Sender" or "From" for the email alerts.

3) **Real-time video setting**
   User can adjust the video quality settings based on the status of the network connection. If the user does not have adequate video performance, please turn off motion detection and reduce the resolution.
   (1) Frames: The default is motion image detection
   (2) Resolution: The default is 640 x 480

Real time video Setting

Video quality setting   Frame rate priority❯

IR LED setting   Auto Detect On/Off❯

Time display on video   ON

Microphone Input   ON

Flip video screen   OFF

Video quality settin   OK

Frame Rate :

Frame rate priority   ☑

Image quality priority   ☐

Resoultion :

640x480   ☑

320x240   ☐

160x120   ☐

Video quality settin   OK

IR LED setting

Auto Detect On/Off   ☑

Frequency setting :

60Hz   ☑

50Hz   ☐

4) **SD Card Recording Setting**
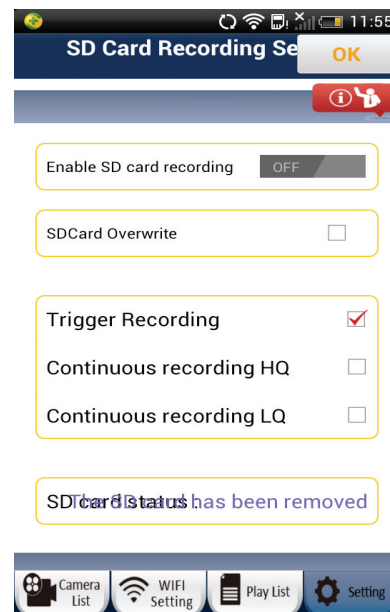User can insert a microSD card into the camera to enable the recording function.

Trigger Recording:
The camera will automatically start recording when a trigger event (motion, sound, and other events) have occurred. The camera will record for 60 seconds. If another trigger event occurs, the camera will record for another 60 seconds; otherwise it will stop recording.

Continuous Recording:
User can setup IP baby monitor to constantly record. A video file will be saved every two minutes.

When the microSD card is full, if "SDCard Overwrite" is checked, the programme will remove the oldest video files and continue to record. Otherwise, it will stop recording. "HQ" means high quality recording. "LQ" means low quality recording.

SD Card Recording Se   OK

Enable SD card recording   OFF

SDCard Overwrite   ☐

Trigger Recording   ☑

Continuous recording HQ   ☐

Continuous recording LQ   ☐

SDTcard Statushas been removed

20

5) Play SD Card Video
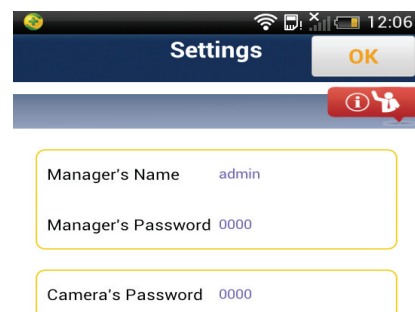Click on the Video file to play.
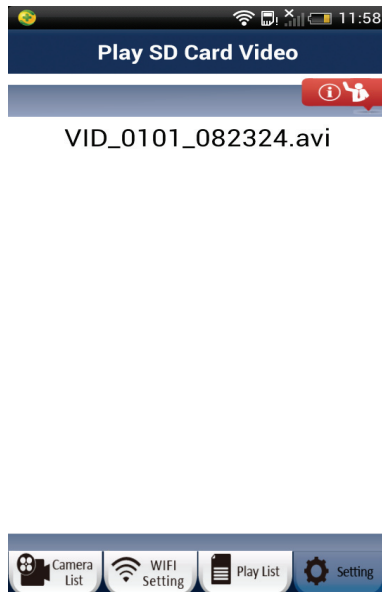
6) Password Setting
The two-level password management system allows the user to safely and effectively manage the camera.
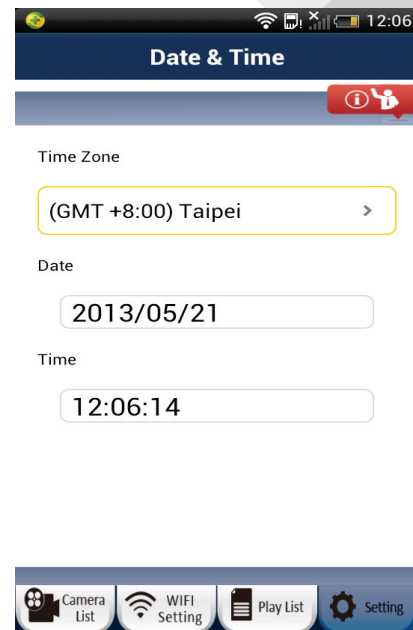
<u>First layer:</u> **Camera password – able to view the camera. Default value is 0000**

<u>Second layer:</u> **Manager's Name and Password – able to view and set IP baby monitor settin**gs. Default values: admin/0000

7) **Date & Time**

User can only adjust the Time Zone. The Date and Time will be factory set and the user cannot change.

App Info

In the App info page, user can see options related to the App, not specific to a camera. To go to App info page, please click on [icon] on top right hand of screen. Inside App info page, user can:

- Switch the App user interface skin to a different colour template.
- See the Quick Installation Guide.
- See this Detailed Instruction Manual.
- See the App version number.
- See the memory usage of the uCare Cam App on your smartphone.
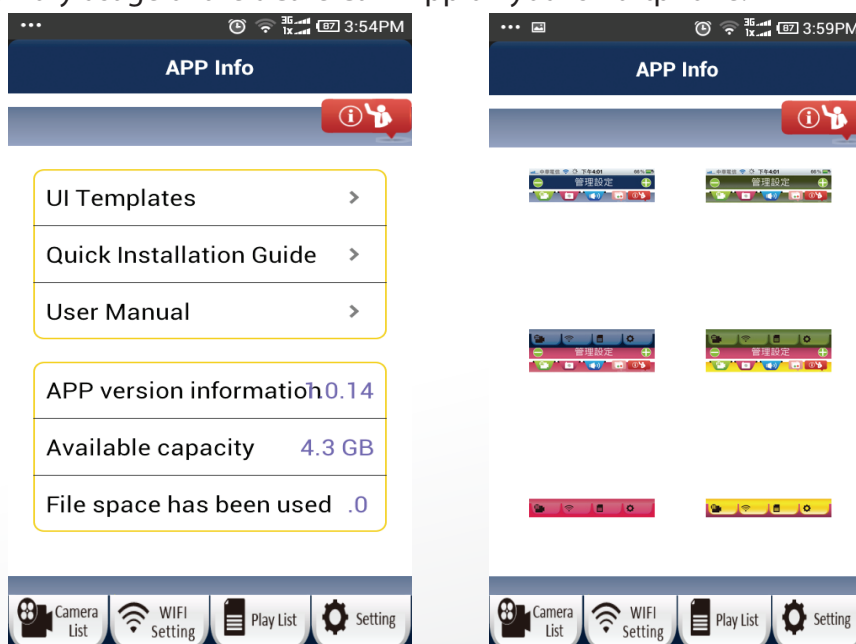
J. Update your IP baby monitor firmware

1. Download firmware and un-compress the file.
2. Copy "update.bin" to microSD Card top folder, for example H:\.
3. Turn off power to IP baby monitor and insert microSD card into microSD slot in back of IP baby monitor.
4. Turn power on to IP baby monitor.
5. IP baby monitor will start reading data from microSD card and upgrade the firmware. LED colour will blink Red and Green during this process. It will take about 3 minutes to upgrade the firmware.

Don't power off the camera or remove the microSD Card during the upgrade process.

6. After the firmware upgrade is successful, IP baby monitor will automatically reboot and reset all settings.
7. User will now need to reinstall uCare Cam.

FAQ:

1) **IP baby monitor status LED is orange.**
   Why can't my smartphone connect to uCare Cam?
   a. Does the camera status in Camera List view show **"Online"**?
      i. Yes -> Check smartphone internet connection speed
      ii. No -> Try to force reconnect.
         1. To force reconnect on iOS, click on the right arrow and click on "**Reconnect**". Click on Camera name once it shows **"Online"**.
         2. To force reconnect in Android, click and hold on Camera name. A pop-up window will give you options to reconnect. Click on "**Reconnect**" then click on the Camera name once it shows **"Online"**.

2) **The live video stream is very slow.**
   IP baby monitor will automatic adjust video streaming speed according to your smartphone's internet connection. It will start sending video from a low frame rate and gradually increase the frame rate. It may take 1-2 minutes for the frame rate to stabilise. If performance is still not satisfactory:
   a. Please ensure motion detection is turned off. "Settings" -> "Alert & Notify Setting" -> "Email snapshot alert" -> "Motion detection enabled" is NOT checked.
   b. Please reduce the video quality. "Settings" -> "Real-time video Setting" -> "Video quality settings".

3) **What does the LED colour stand for?**

LED Colour	Description
Power on → Green	IP baby monitor booting (15 seconds)
Power on → Green → Red flashing	IP baby monitor loading program (15 seconds)
Red and Green lit alternatively	Router Mode
Fast Green lit	WPS Mode

LED Colour	Description
Green slow flashing	Searching and Connecting to Wi-Fi router (IP baby monitor will reboot automatically every hour in this status)
Orange	Connected to Wi-Fi Router
Red fast flashing	WPS pairing failed

4) **My IP baby monitor does not connect to the router.**
    It's possible that there are too many Wi-Fi routers nearby using the same channel and they interfere with each other.
    a. Please move the IP baby monitor closer to the router to ensure a good Wi-Fi signal.
    b. You may consider changing your Wi-Fi channel number, for example Ch1, Ch6, Ch11.
    c. Please turn off power to the uCare Cam, wait 5 seconds, then turn power on to the uCare Cam.
    d. Please wait ~1 minute, then press the WPS/RESET key in back of uCare Cam.
    e. Please wait ~1-2 minutes. The status LED should be flashing Red and Green. Please try setup again following the instructions.
    f. If the status LED does not flash Red & Green, please contact Customer Support.

5) **How to check your Wi-Fi signal and coverage by Android App - Wi-Fi Analyzer?**
    Ans: There is a free android app "Wi-Fi Analyzer" that can scan and show all Wi-Fi SSID's around. User can change their Wi-Fi channel to avoid interference and get better signal and coverage.
    https://play.google.com/store/apps/details?id=com.farproc.wifi.analyzer&feature=search_result

6) **What is the default account name and password?**
    Ans: Default password for IPCam is "0000", default manager account is "admin", password is "0000".

7) **Why can't IP baby monitor connect with Wi-Fi Router using WPS Mode?**
    a. Make sure the router's WPS function is enabled.
    b. Please try router model if WPS mode setup failed.

8) **What is the frequency of email alerts and smartphone notify alerts?**
    Ans: Once motion or sound detection is triggered, then IP baby monitor will send email and phone notifications immediately. If the trigger event continually happens, then the email and phone notifications will be sent out **a three minute interval**.

    The trigger event ends after 10 seconds if there is no continual motion or sound.
    The minimum interval for email and phone notifications will be 11 seconds.

9) **What is the estimated recording size of video per hour (video format .AVI)?**

VGA 640 x 480	Continuous HQ (20 fps)	Continuous LQ (10 fps)
Frame Rate Priority	4 GB/Hour	2 GB/Hour
Image Quality Priority	8 GB/Hour	4 GB/Hour

10) In iOS, I cannot see the IP baby monitor router "Wi-Fi-cam-p2p".

After some time, the IP baby monitor Router will no longer broadcast the SSID "Wi-Fi-cam-p2p". Please reset IP baby monitor by pressing the WPS/RESET button for ~10 seconds. Then please take note of the LED colour. When the LED turns green/red, then you should see the SSID being broadcast again.

Please contact our customer service desk for support:

via website:	http://www.nedis.com/en-us/contact/contact-form.htm
via e-mail:	service@nedis.com
via telephone:	+31 (0)73-5993965 (during office hours)

NEDIS B.V., De Tweeling 28, 5215 MC 's-Hertogenbosch, THE NETHERLANDS