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DENVER IPO-1320MK2

DENVER IPC-1030MK2

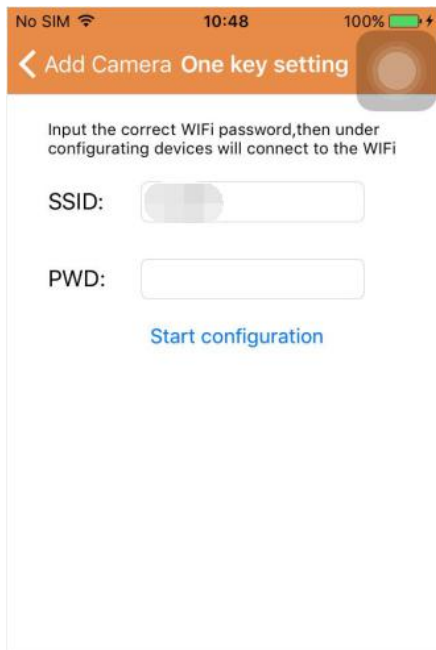
APP Download

Please Download and install the DENVER IPC APP before you set up the IP Camera. Search on Google Play store and APP Store for “DENVER IPC”

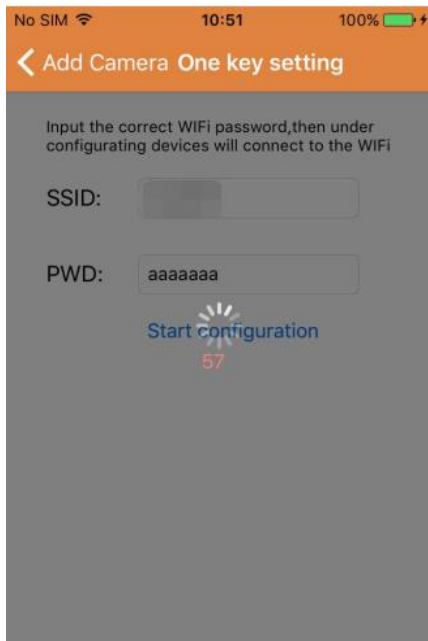


One Key Setting Functionality (cell phone must be connected to the WiFi. This one key setting functionality is only available for the models IPO-1320MK2 and IPC-1030MK2)

- a). Connect the camera with power adaptor (you do not need to connect the Ethernet cable).
- b). Launch the APP, tap on “+” to access the “Add Camera” function, then click on “One Key Setting”, and the screen shown below will appear:

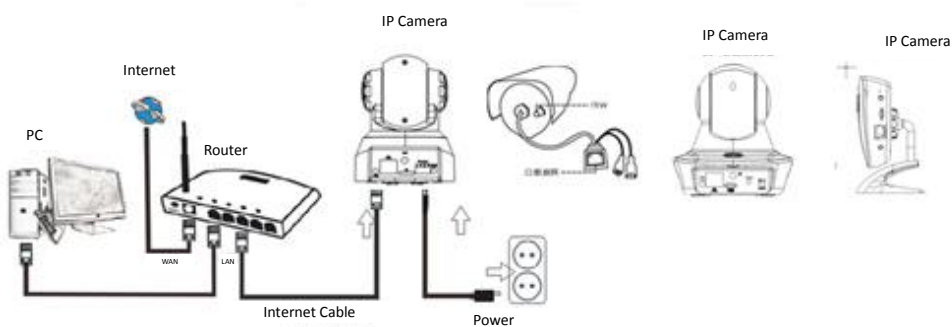


- c). Enter the correct WiFi password, then click on “Start configuration”, like shown in the screen below:



- d). Wait for 60 seconds, then choose the respective device and enter the password. If done, click on save to connect to the WiFi.

How to connect the IP Camera



Connect the power supply cable to the IP Camera and wait for about 2 seconds until the green indicator will light permanently. After another 10 second the yellow indicator will start flashing and the camera will perform the IP detection automatically.

You may continue with the next step, if after another 30 seconds the camera successfully was launched.

Use of the APP Functions

App Icon:



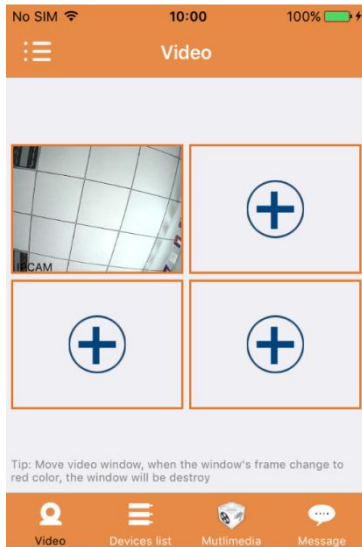
Home screen:



Part 1. Home screen

Here you are provided with the options: "Video", "Device List", "Multimedia", and "Message".

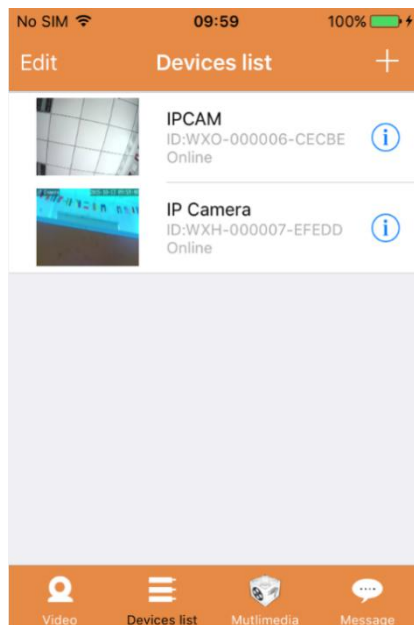
1. Video:




You may add up to four cameras to this multi-device page. Here the three functions below are provided:

- a) You may stop the video by sliding over the video thumbnail. To view the footage in full screen mode, double click on the respective thumbnail.
- b) To access the Menu, click on the icon in the upper left corner of the screen.

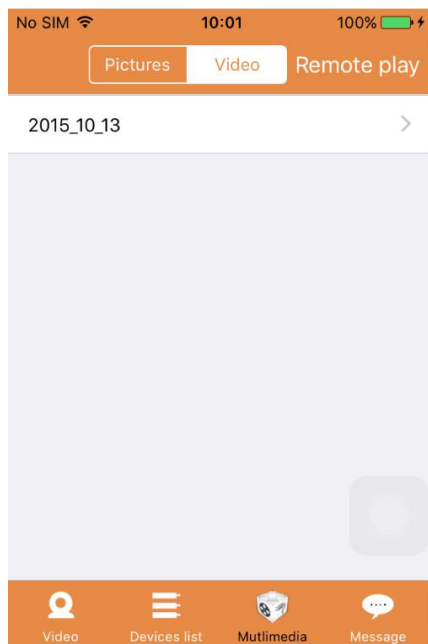
2. Device List:






In the device list the connected cameras are shown. Here the four functions mentioned below are possible:

- a) Click in the upper left corner of the screen on the “Edit” button to access the device settings if you want to change or delete the parameters of one or all devices.
- b) To add a new camera, click on “+” icon in the upper right corner of the screen.
- c) To set or modify the settings of a device, click on the  icon on the right side next to the respective camera.
- d) Click on the camera thumbnail to activate the full screen display.

3. Multimedia:



Multimedia includes the photo and video management. The three functions below are possible:

- a) Click on the  button to access the list of all photos and videos.
- b) Click on the  button to view a video remotely.
- c) Click on  to view the video of the recent day.

4. Message:



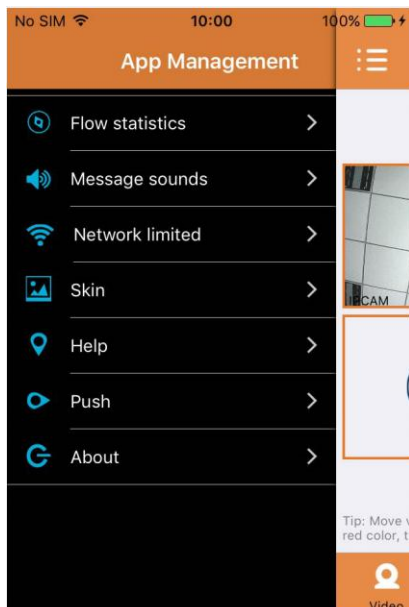
Message includes all alarm events recorded by the connected camera(s).

a) To view the alarm events click on the desired camera menu item.

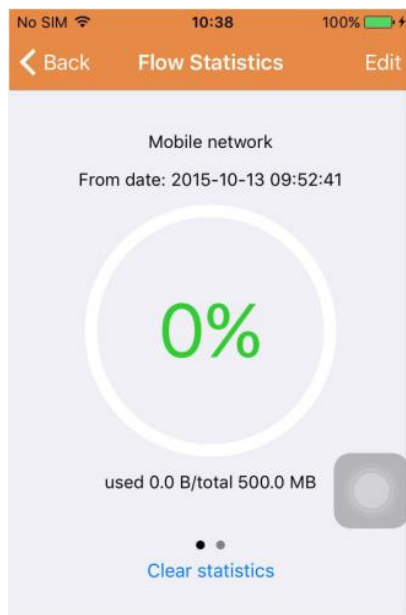
Part 2. App Management

The App management enables you to perform individual and also contains the Help function for the APP. The screen displays 7 options: “Flow statistics”, “Message sound”, “Network limited”, “Skin”, “Help”, “Push”, “About”.

App management:



1. Flow statistics:

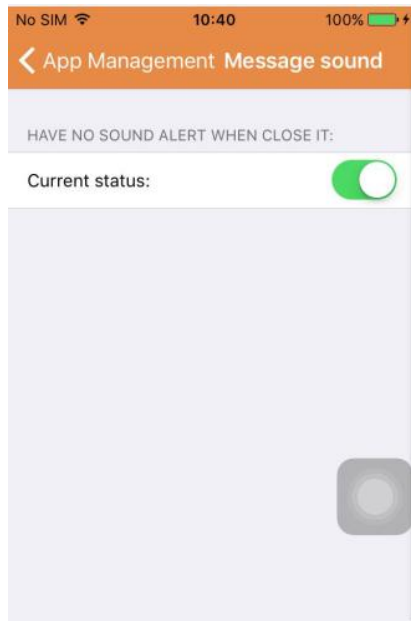


Here the network traffic used will be displayed. The traffic metrics for the mobile network and the WiFi will be shown.

Here the three functions below are possible:

- a) By moving the grey slider on the screen the traffic statistics for the mobile network and WiFi will be displayed.
- b) By clicking the “ **Edit** ” button in the upper right corner of the screen you are able to configure limits for the mobile network and WiFi network. This setting will not affect the use of the app, it just provides an intuitive reminder of the traffic used on the mobile and WiFi networks.
- c) By clicking the “ **Clear statistics** ” button on the bottom you may clear the traffic statistics for the mobile and WiFi networks.

2. Message sounds:



Here you may activate/deactivate the Message alarm sounds.

3. Network Limited:



Here you may set that the video only may be opened if the cell phone is connected to a WiFi network.

4. Skin:

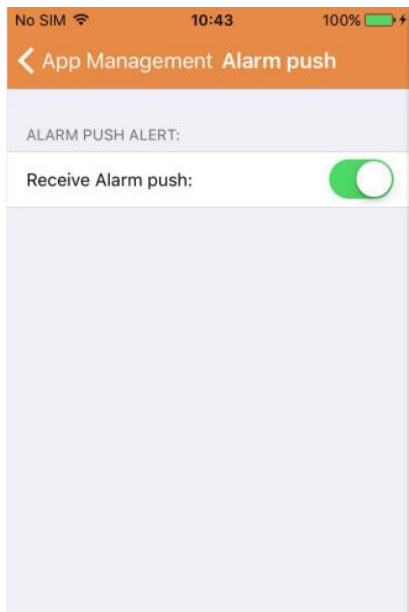


Here you may change the appearance of the App. Currently the colors blue, green, or gold are available.

5. Help:

Under "Help" you will find the help web page for the App. The contents of the web page changes according to the screen you are using.

6. Push:



Under "Alarm push" you may configure if you want to receive alarm notifications, or not. After deactivation the App will not receive any alarm messages anymore.

7. About:

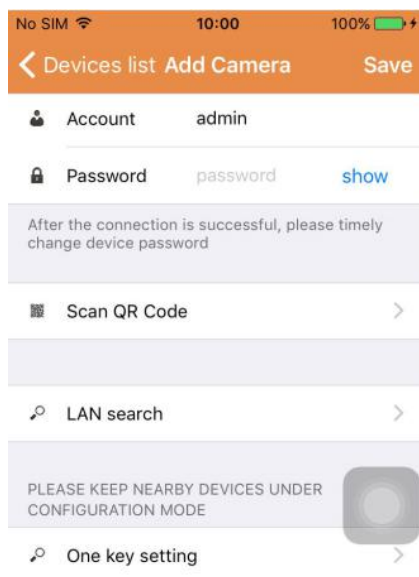


In the "About us" screen the essential information on the App is displayed, like name, version etc.

Part 3. Add Camera

By using this screen you may add new cameras to the App. Here are the three functions "Adding camera manually", "Scan QR code", and "LAN search" possible.

Add Camera:



1. Add camera manually

Enter the device information (ID, account, password), and click on the "Save" button in the upper right corner of the screen.

2. Add a camera by scanning QR code,
Scan QR Code



For the scanning, please enter the put the QR code into the scan box. Then the device ID number will be scanned. After the scan is completed you only must enter the account and the password of the device, and the camera will be added to the device list.

If the label on the camera mentions Password: "NONE" - then it means there is no password. So when connect camera first time do not enter any password. Then when connected you can press blue color "i" button in the smartphones application and write the password that you want to use for your IP camera.

3. LAN Search:



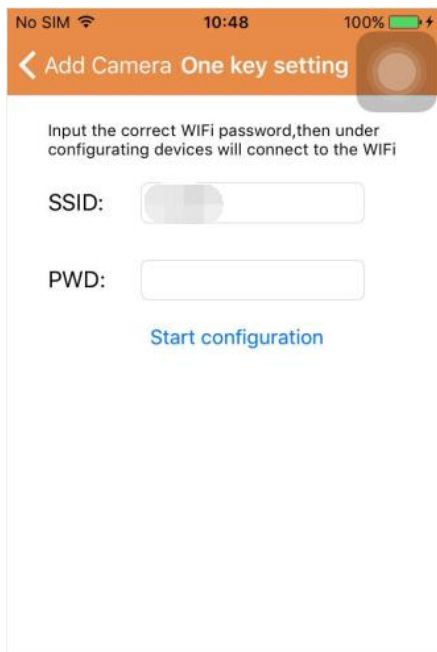
LAN requires two preconditions:

- a) The mobile device must be connected to the local network.
- b) The camera must be located in the same network.

After the app was completing the camera search, click on the new menu item displayed. This will redirect you to the Add camera screen where you modify the configuration, and save the device.

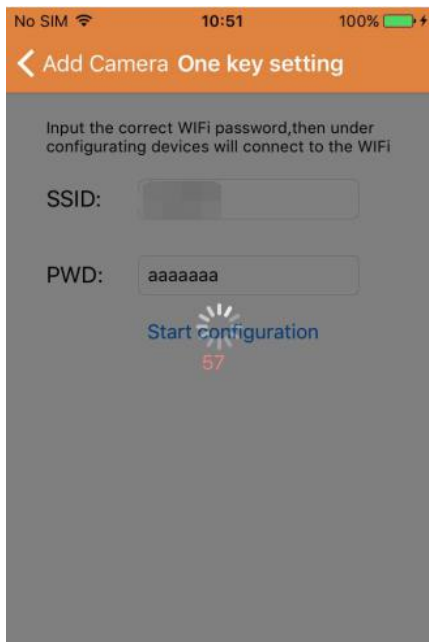
4. One key setting function (mobile phone is connected to a WiFi. **This function only is available for IPO-1320MK2 and IPC-1030MK2).**

- a) Connect the camera with the power supply (you do not need to connect Ethernet cable).
- b) Launch the APP, click on the add “+” icon, the “Add Camera” screen will be displayed. In the screen, click on the “One key setting” option, then the screen like below will appear:



- c) Enter to PWD the correct password of the WiFi, then click on “Start configuration”, like

shown in the image below:

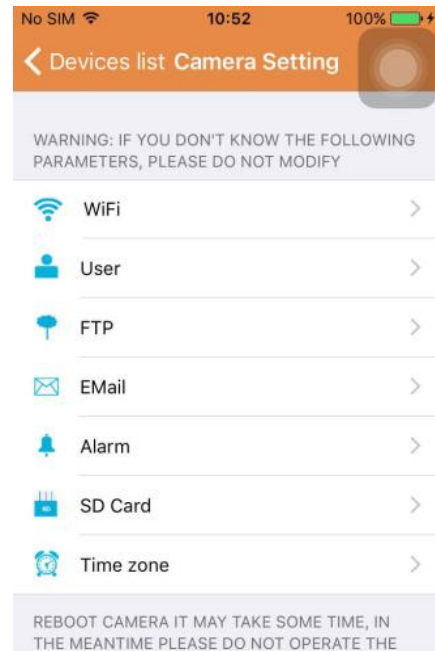


- d) Wait for about 60 seconds. Then choose the corresponding device and enter the password, click on "Save" to connect to the WiFi.

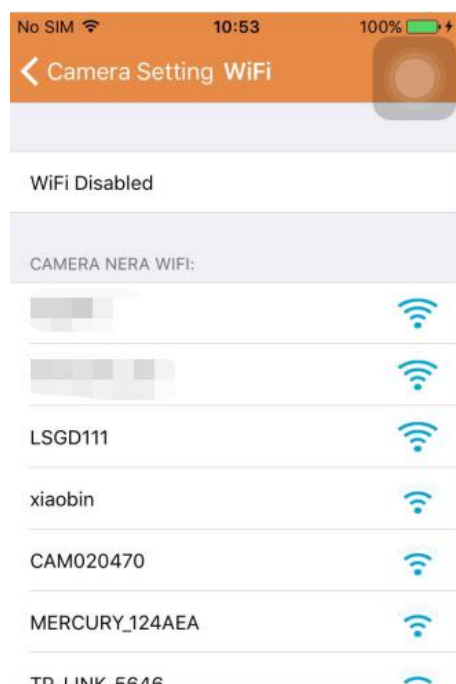
Part 4. Camera setting.

The Camera Setting screen contains the following options: "WiFi", "User", "FTP", "EMail", "Alarm", "SD Card", "Time zone".

Camera Settings:



1. WiFi setting is used for the activation/deactivation of the camera access via WiFi.



WiFi setting: Click in the desired WiFi SSID, then enter the password in the next screen and the camera will be connected to the WiFi (a camera reboot is normal)

2. User setting is used for setup and modification of the user account and password. You may setup three types of accounts (administrator, operator, visitor)

User setting:

ADMINISTRATOR	
Username	admin
Password	input password show
OPERATOR	
Username	input username
Password	input password show
OBSERVER	
Username	input username
Password	input password show

After the user setup, the camera will reboot.

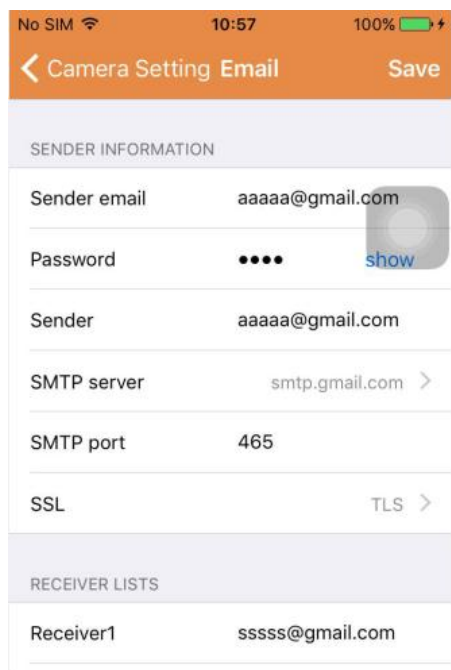
3. FTP setting: FTP setting is used for the footage upload if the motion detection is activated

FTP Setting:

FTP server	input server address
Port	0
Username	user
Password	password show
Interval	0

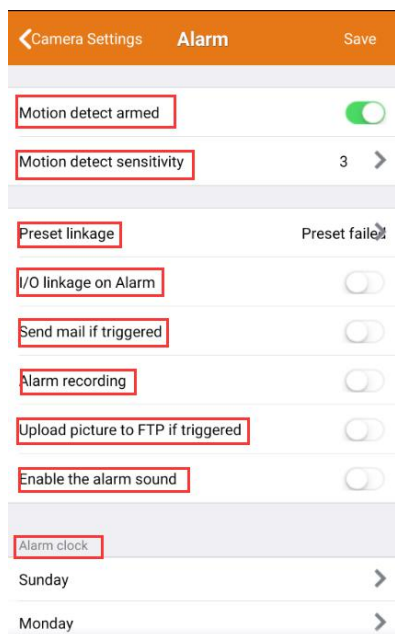
4. Email setting: Configuration of the alarm messages of the camera.

Mail setting:



5. Alarm setting is used for the configuration of the parameter for the conditions of the alarm message push. **Please note that all our current cameras do not support I/O function .**

Alarm setting:



Motion detect armed:when turn on this menu,menu will get green.

Motion detect sensitivity:The smaller the value, the more sensitive the motion detection

Preset linkage:When an alarm occurs, the machine will go to the preset position settings

Send mail triggered:When an alarm occurs, send e-mail notification to specified email box.

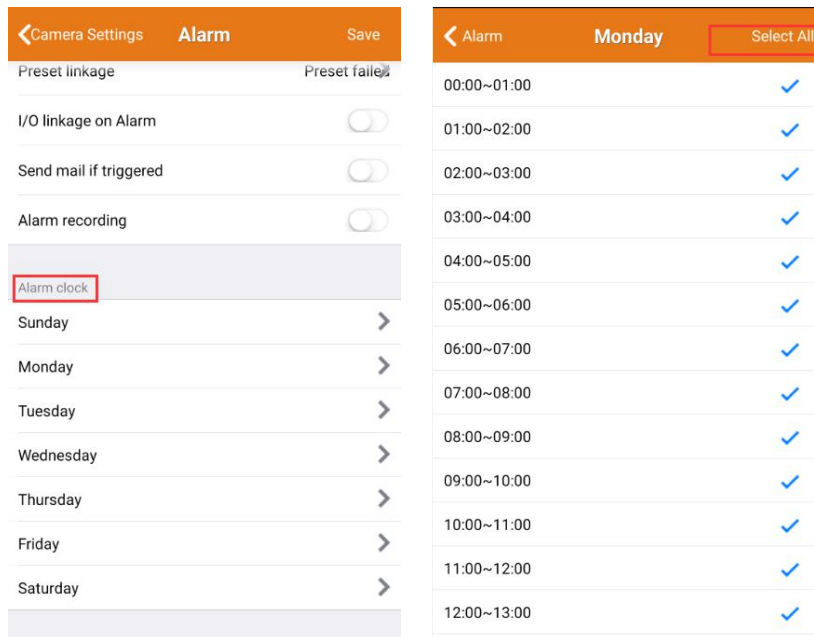
Alarm recording:When an alarm occurs, it will record video to TF Card .(only available for the models which support TF Card recording function)

Upload picture to FTP if triggered:When an alarm occurs, upload pictures to an ftp server

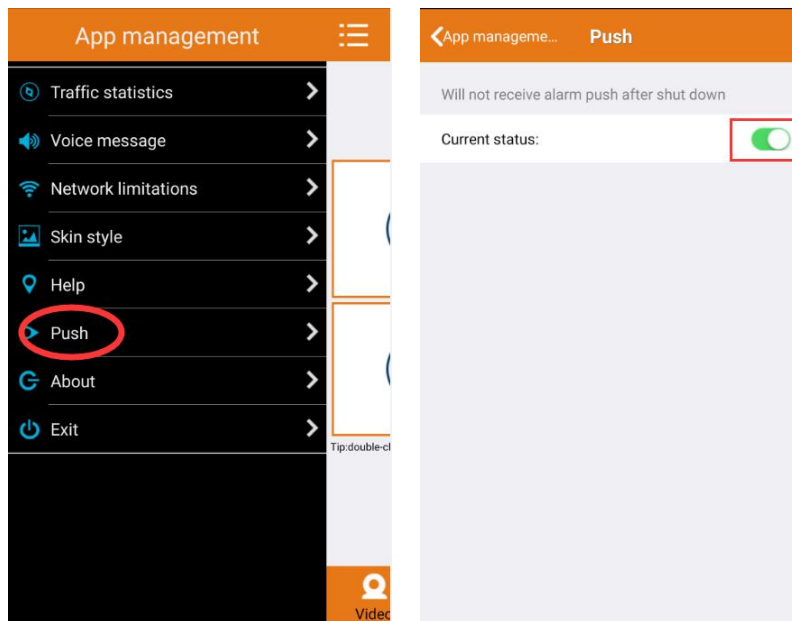
Enable the alarm sound: Start the alarm sound(only available for the models which support audio function)

Alarm clock:Setting the alarm time

Then select the motion detection alarm time



Finally, the APP management Push to open



6. SD card setting is used for checking the status of SD card and configuring the recording time.

SD card setting:



7. Device Time Zone Setting:



Part 5. Remote Playback Video

Remote playback video is used for the remote playback of videos recorded on the SD card. To access this function, click in the upper right corner of the Multimedia screen on the

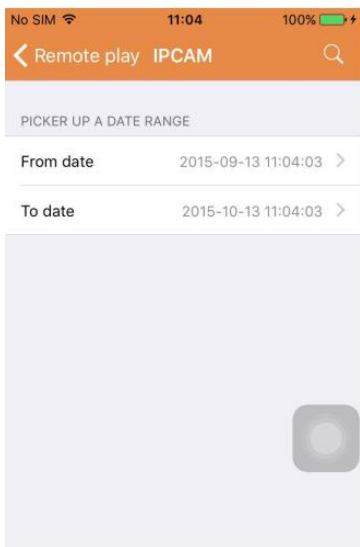
Remote play button.

Remote Video Playback:



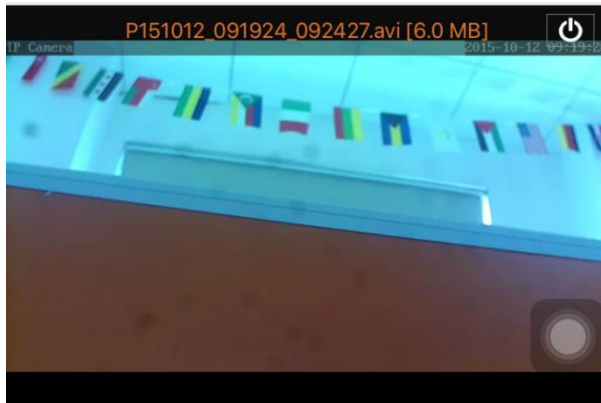
Click on the desired device, and the screen with the list of the remotely recorded videos will appear like shown below:

Search for remotely recorded videos:



For playback, click on the desired file entry.

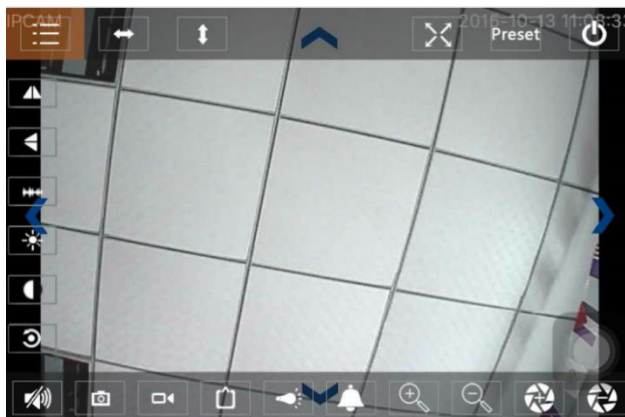
Playback screen:



Part 6. Full-screen real-time viewing.

Full-screen real time viewing may be performed by double clicking the video thumbnail in the “Video” screen, and clicking the device marked “online” in the device list.

Full-Screen Viewing:



In this screen you may control Pan/tilt, change the resolution, record screen shots.

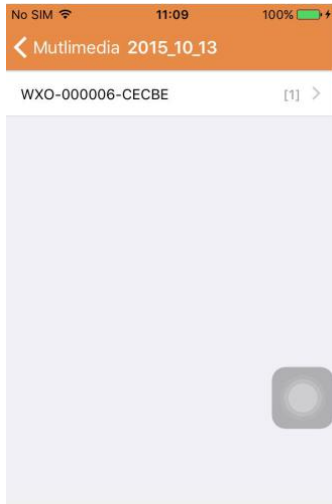
- a) Buttons on the top from left to right: Function List, left& right rotate, up& down rotate, switch on & off full screen, preset, close
- b) Buttons on the left from up to down: mirror image, image up & down flip, brightness, contrast, default configuration
- c) Buttons on the bottom from left to right: Play/stop audio, snap, video, video image pixel adjustment, alarm on/off, switch on/off lamp, image zoom in, image zoom out

Part 7. Local multimedia file management

Local multimedia file management includes the photo and video management.

1. Photo Management

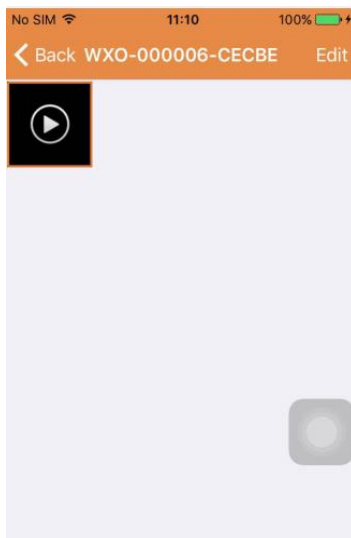
Access over the multimedia page. (as shown below)



Choose on the device entry, then you may display the photos stored in this camera.

Photos Screen:

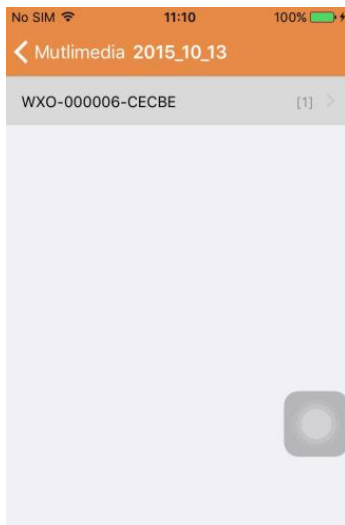
In this screen you may click the desired photo, view it in full-screen mode, you may edit. On this page, click one photo, you can enter full-screen mode to view, edit or delete a single or all photos.



2. Video Management

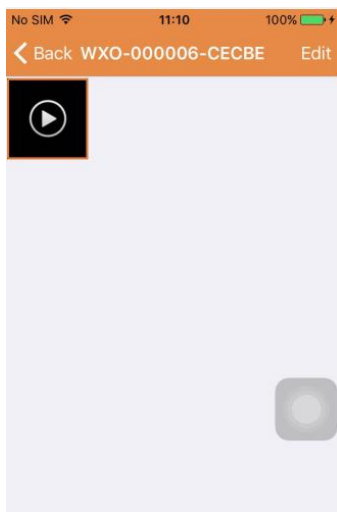
Access from the multimedia page:

(as shown below)



Choose one of the cameras available. Then you may view the video of this device.

Video Screen:

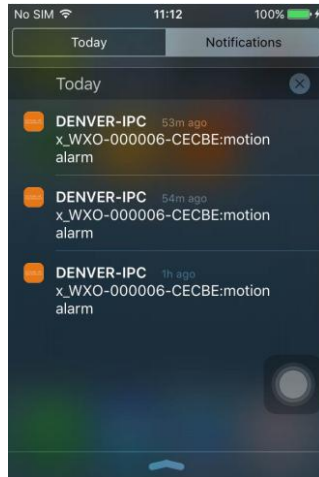


In this screen, you can click the video file you want to view and click the "Edit" button to delete the video.

Part 8. Alarm push function

After having set the conditions for each camera for the alarm push function, you always will be notified by email in cases where the alarm is triggered. To receive alarm messages even if the App is not launched, click on the camera shown like in the list below to activate the alarm push for the desired device.

Push page:



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Hereby, Inter Sales A/S declares that the radio equipment type IPO-1320MK2,IPC-1030MK2 is in compliance with Directive 2014/53/EU.The full text of the EU declaration of conformity is available at the following internet address:

<http://www.denver-electronics.com/denver-ipo-1320mk2/>

<http://www.denver-electronics.com/denver-ipc-1030mk2/>

Frequency bands:2402-2480MHz

Maximum output power:40dBm