User Manual

IPmotion v. 1.0.1

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V1.0_20131113

I. Preface

IPmotion is a powerful mobile application designed for connecting your mobile device to specific IP Cameras. **IPmotion** supports push video (motion notification), for IP Cameras using an SD Card.

IPmotion is able to provide live video and playback videos from SD card. Snapshots are also supported on this version.

II. Features

- Live Video
- Split screen view
- Sort camera by title, IP, status
- Snapshot
- Change channel
- Two way audio
- PTZ control
- Preset points setting
- Digital zoom for non PTZ-camera
- Motion Detection
- Push video
- Push video list
- Reading from SD card
- Searching LAN devices

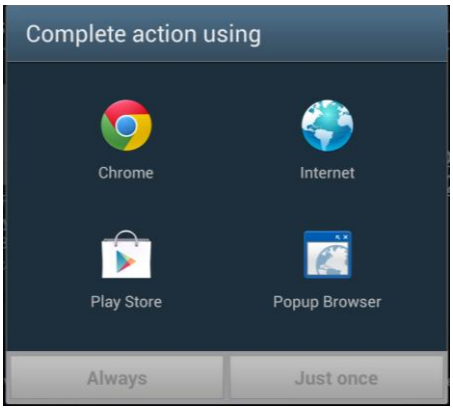
III. Installation

Before the Installation make sure your Android mobile can connect to the internet via WIFI or ISP (3G, 4G).

A. Installation via QR code

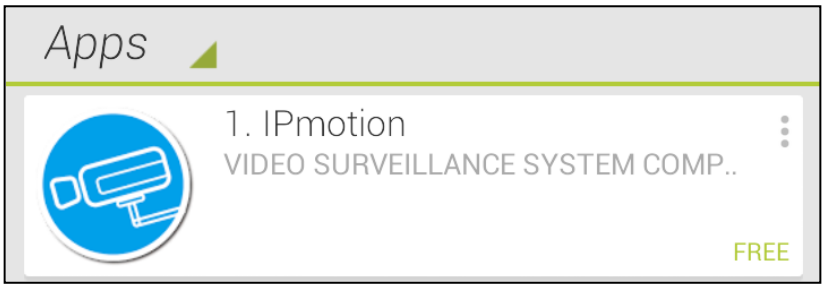
1. Scan the following QR code with your Android Phone. **NOTE: You will need a QR code scanner previously installed on your phone.**

2. After scanning the code your phone might ask you for select of the following options (depending on the phone configuration):

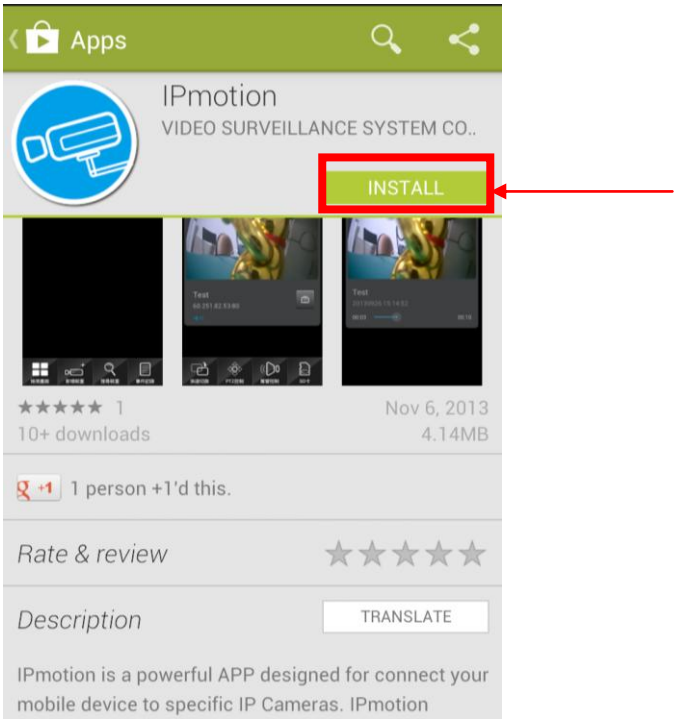


3. Select the “Play Store” option and press on “Always” or “Just Once” depending on your preference.

4. On “Play Store”, press the button and type-in **IPmotion** for start the searching.



5. Press on ‘Install’ for start the installation.

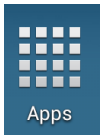


After completing the installation, the application **IPmotion** can be found within all programs.

6. Press on the

icon to run the APP.

B. Installation via Play Store

On the main press the 

button for displaying all the apps installed.

Find the

icon and press it.

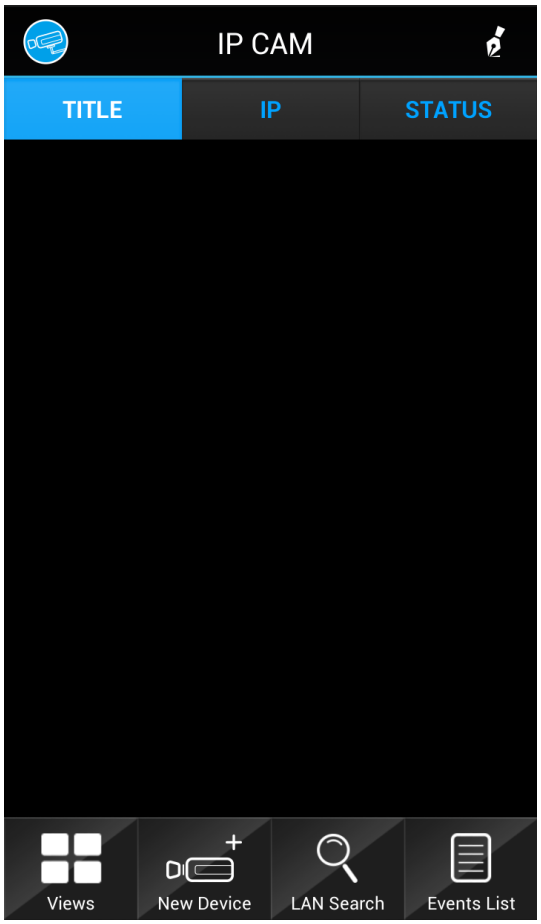
Repeat the steps 4~6 from **Installation via QR Code**

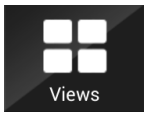
IV. GUI Description

1. Main Screen

Press on the

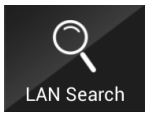
icon to open the APP.



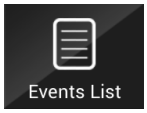


Switch between List View/ 4 Split Screens view mode.

Add a new IP Camera.



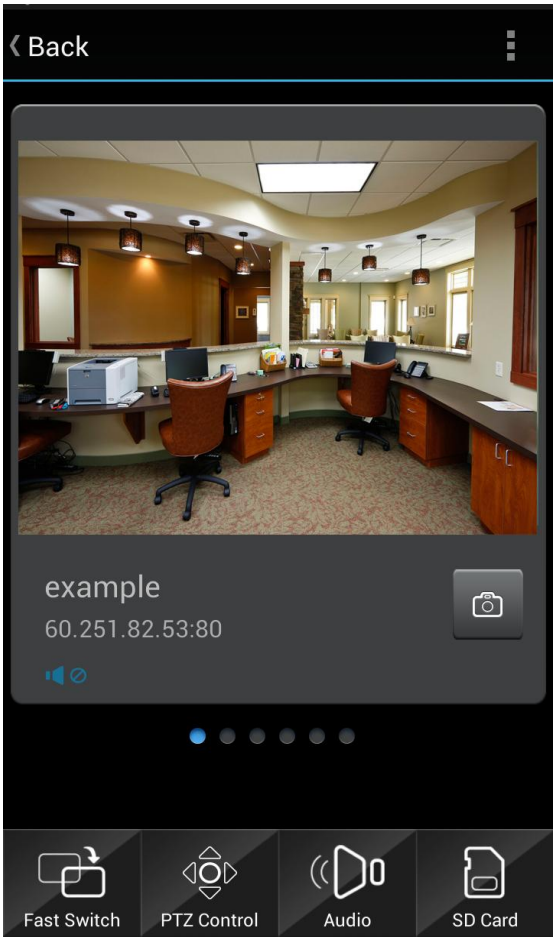
Search for a IP Camera within the LAN.



Display the Events List.

Sort the IP Cameras by Title, IP and Status

2. Live View

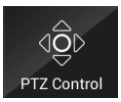


Go back to main screen

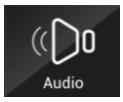
Options

Take a snapshot

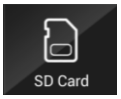
Switch the IP Camera Live view for another one on the IP Cam list.



Enable / Disable the PTZ controls or digital zoom control



Enable / Disable audio from IP Cam

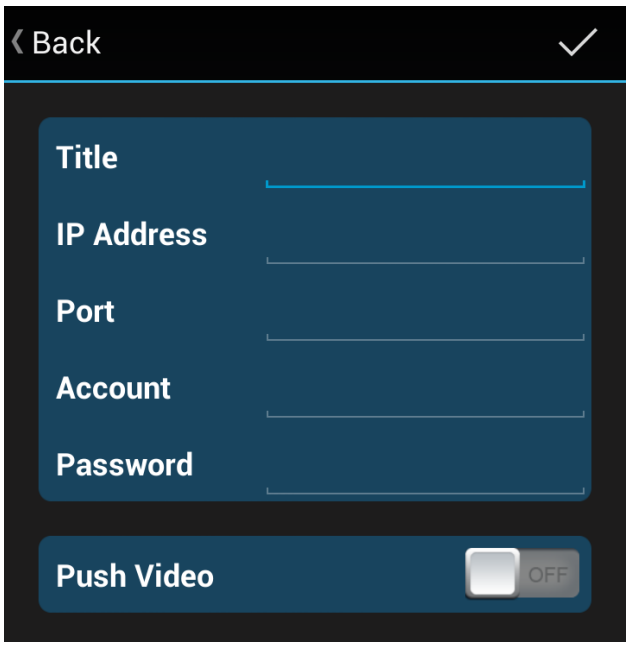


Display the files inside the SD card.

V. Operations

1. Adding IP Cam

Press on the button. It will open the following interface.



Type-in the following information:

Title: The name for the IP Camera to be displayed on the APP.

IP Address: The IP address or DNS of the IP Camera

Port: The port used for connecting to the IP Camera.

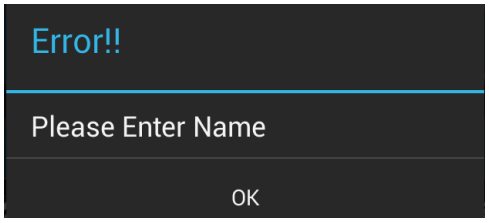
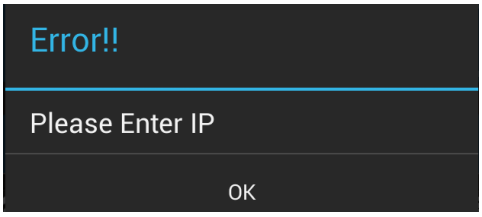
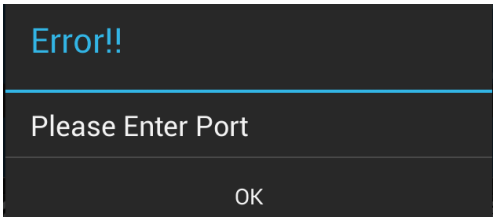
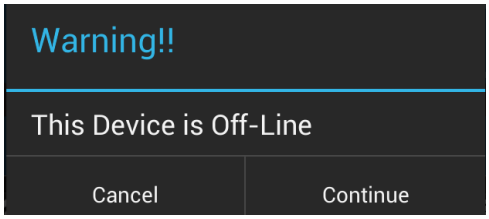
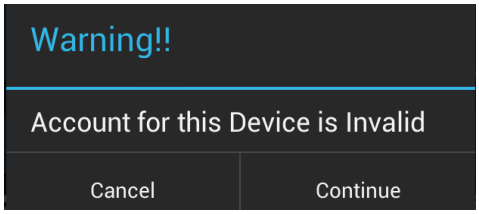
Account: The account name for login into the IP Camera.

Password: The password associated with the account name.

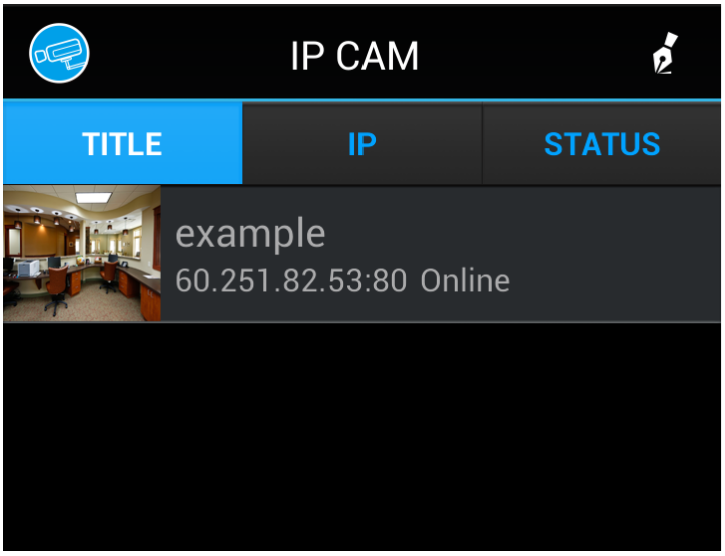
Push Video function will be explained later in this document.

After typing-in all the information press on the button for adding the IP Camera.

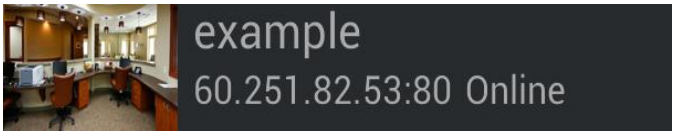
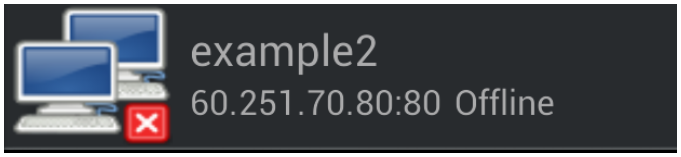
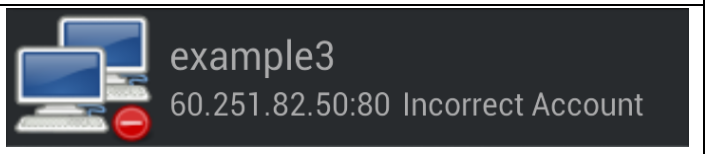
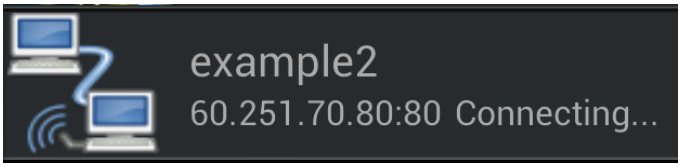
After pressing on the button, the following messages might appear.

Situation	Message
No title provided	
No IP provided	
No Port provided	
The IP Camera is off-line	 By pressing on “Continue” the IP will be added displaying an off-line state
Invalid account name or password	 By pressing on “Continue” the IP will be added displaying an off-line state

If there is no any error message the Camera will be added into the APP interface.



On the interface the IP Camera will display of the following states:

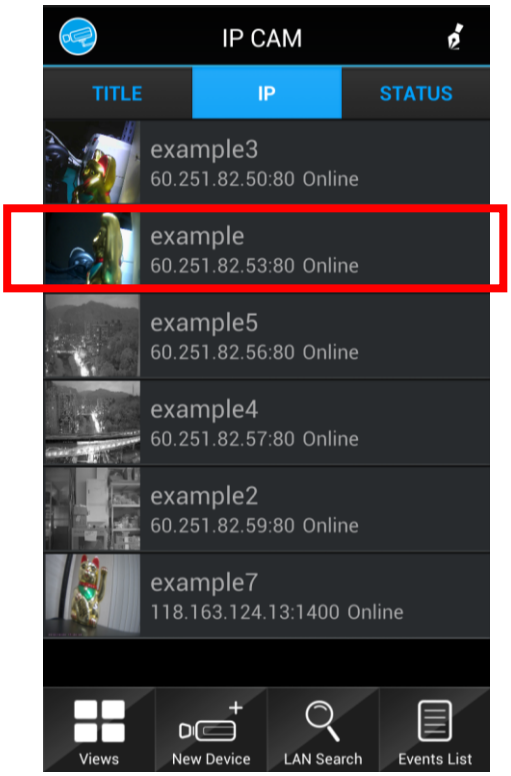
On-line	 Displays snapshot from current Live View
Off-Line	 Connection loss
Incorrect Account	 Incorrect account name or password
Connecting	 The APP tries to re-connect the IP Camera after a login error or a connection loss.

NOTE: Pressing the IP Camera on the IP Camera list will refresh its state

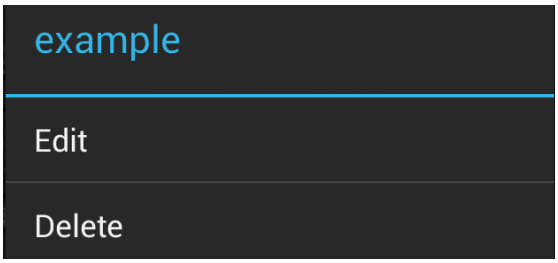
2. Edit & Delete IP Cam

After adding the IP Camera you can modify its information or delete it. It can be performed in two ways.

1. On the IP Cam list

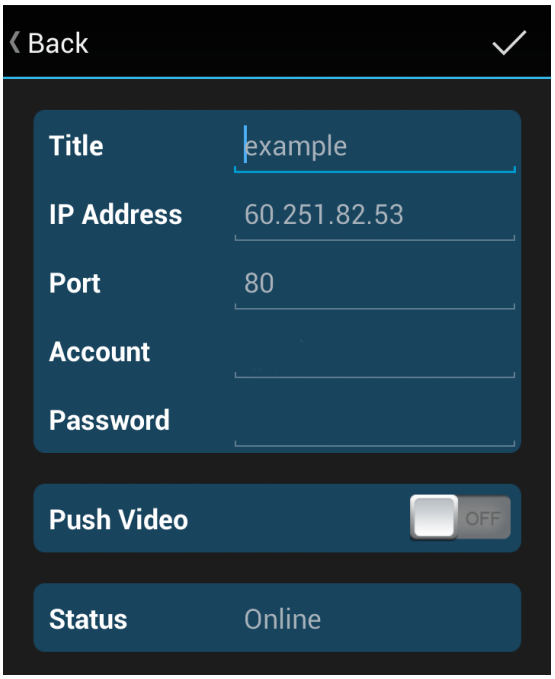


Long pressing on the specific IP Camera from the list will pop-out the following options.



By pressing on “Delete” the IP Camera will be deleted from the list.

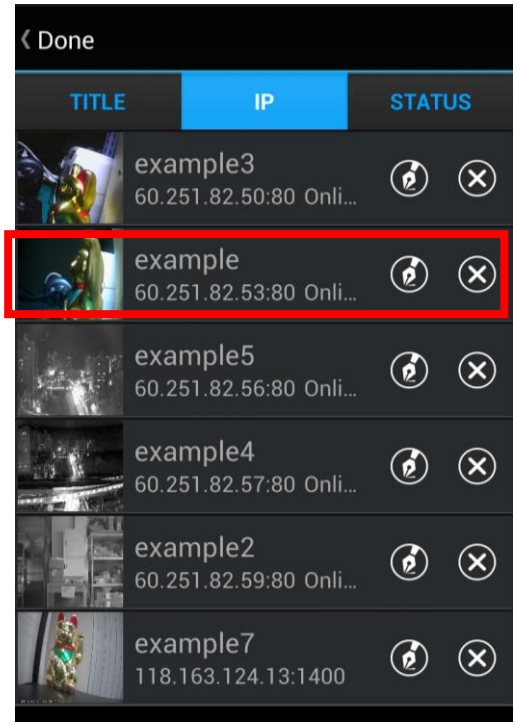
By pressing on “Edit”, you can view the Camera info and be able to change its information.



After changing the IP Cam info press on the button located in the top-right corner for applying the changes.

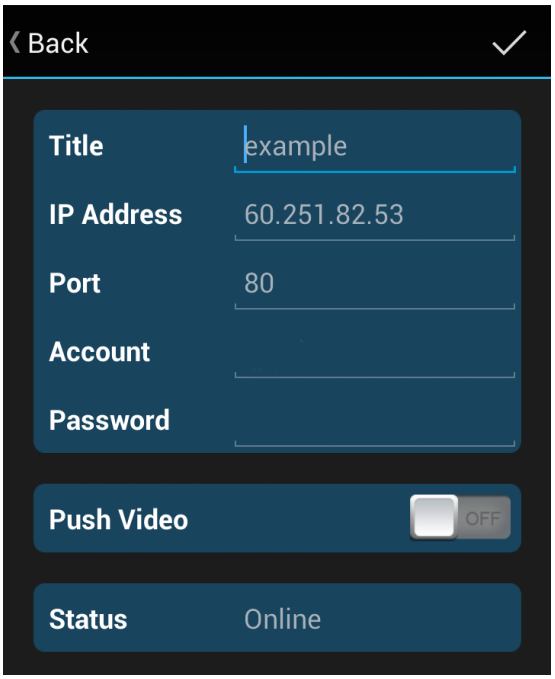
2. Editing mode

Press on the button for enabling the editing mode.



Pressing on the button will delete the IP Cam from the list.

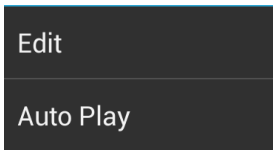
Pressing on the button will display the Camera info for modifying its information.

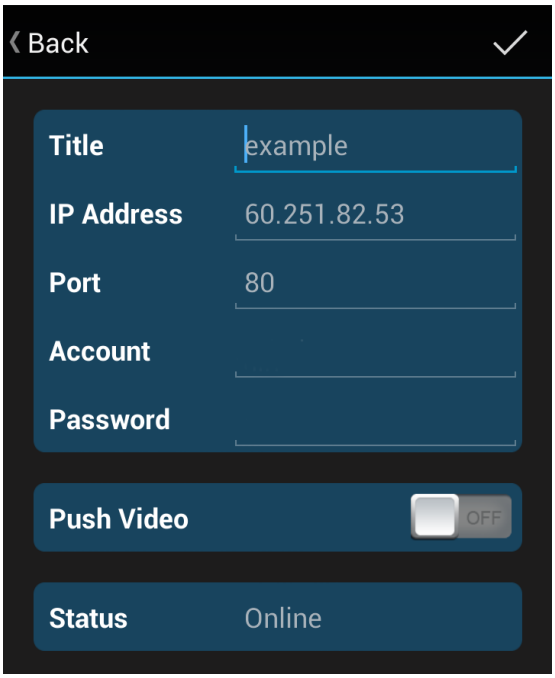


After changing the IP Cam info press on the button located in the top-right corner for applying the changes.

2. Live View

Press on the button located at the top-right corner of the screen for showing the options. The following options will pop-out.





By selecting on “Edit” will display the Camera info and be able to modify the information.

After changing the IP Cam info press on the button located in the top-right corner for applying the changes.

3. Push Video

Push Video is a function triggered when the IP camera detects motion. The IP Camera will send notification together with the video event.

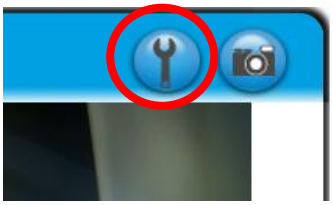
BEFORE USING PUSH VIDEO:

- You need an SD Card inside the IP Camera for enabling this function.
- Setup the IP Camera, for storing video at the SD Card when motion is detected.

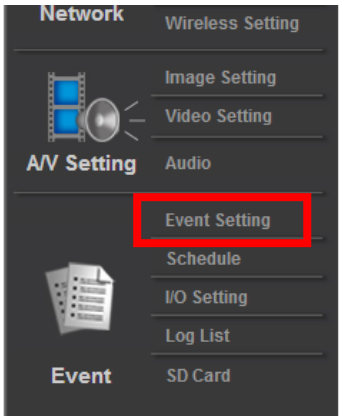
EXAMPLE:

1. Open your browser and type-in the IP address of the IP camera.

2. Click on the “administration page” button, located at the top-right corner, as shown in the picture below.



3. On the “administration page” click on “Event Setting”, as shown in the picture below.

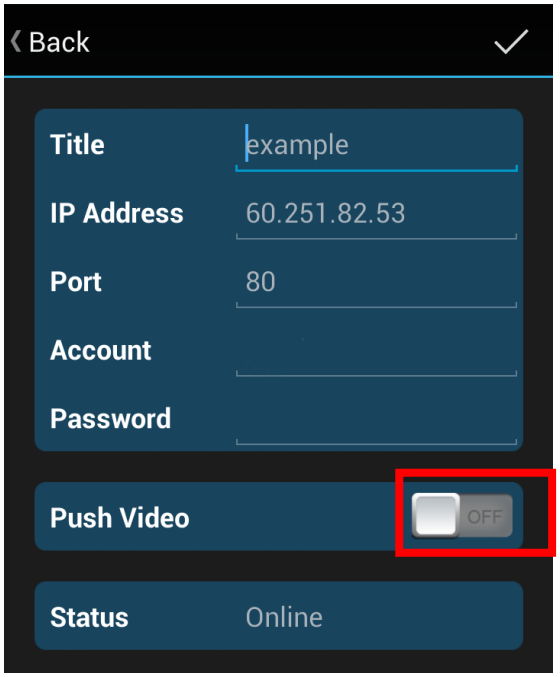


4. Set the area motion and tick on “Save to SD Card”, as shown as the picture below. Also, set the interval time for detecting motion events. It is recommended to set 60 seconds.

5. “Record Time Setting” set the video length for the video. This length will be same as the video received by the push notification.

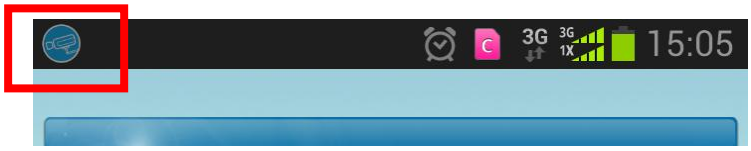
5.Click on **APPLY** for saving the changes.

When adding or editing an IP camera. Press on the “Push Video” button.



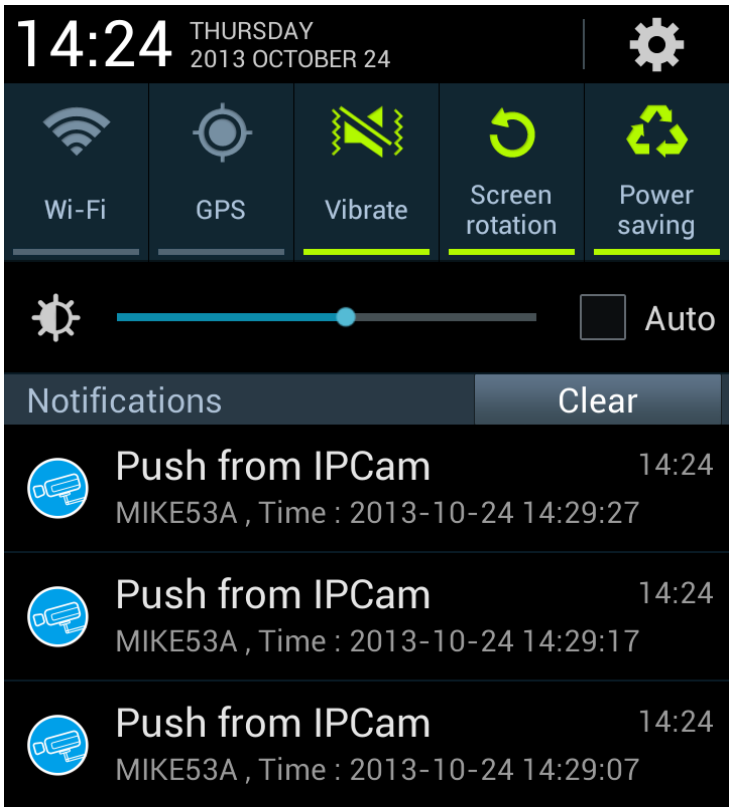
After adding/changing the IP Cam info press on the button located in the top-right corner for applying the changes.

The IP Camera will start receiving notifications and soon as it detects motion.

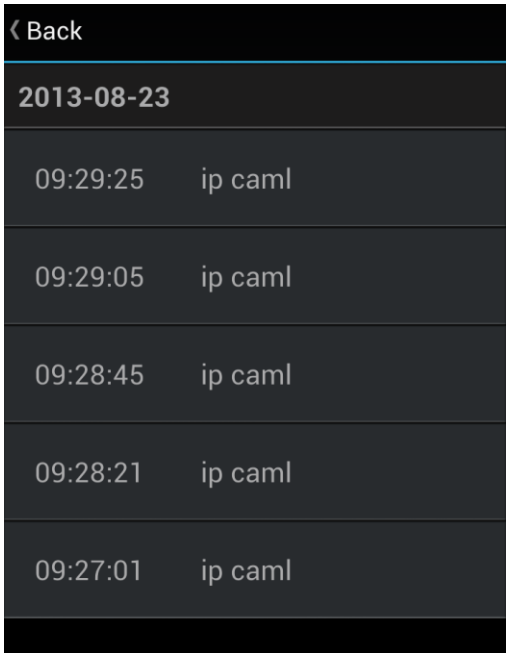


The APP can display up t 6 notifications. If there are more than 6 notifications it will display the latest 6 notifications.

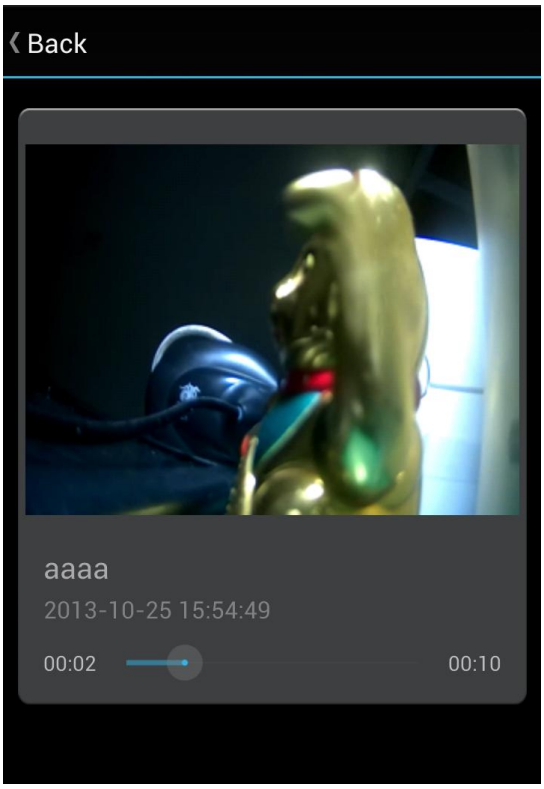
Open the notification area to see more details about the notifications.



Press on any notification to see a list of the recent events registered on the APP.

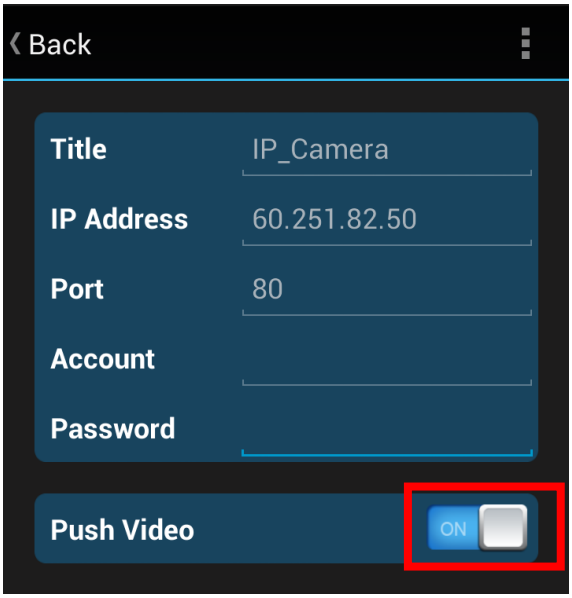


Press on any of the recent events to see the video related with the event.



After watching the video press back on your phone or press the Back button for going back to the latest event list.

For disabling the Push Video function press “Push Video” on the editing interface.



4. IP Cam Sorting

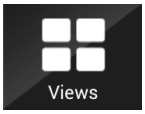
In the top of the main screen you will find the following buttons:

Each one represents a different kind of sorting. The sorting is enabled by pressing on it.

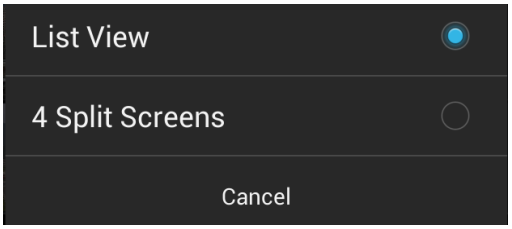
The APP is able to sort the IP Cameras in three different ways:

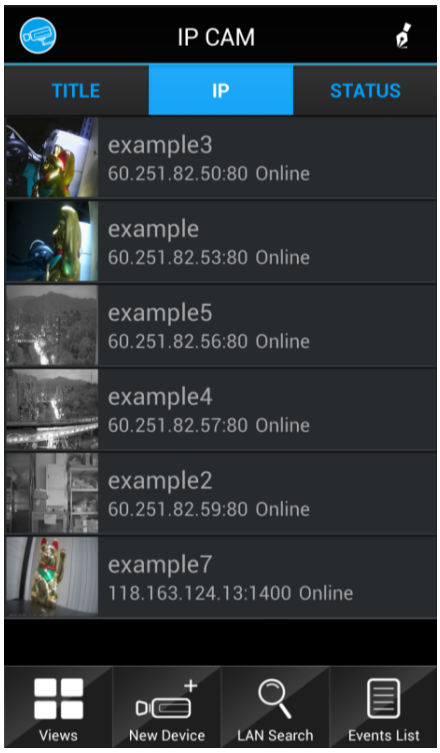
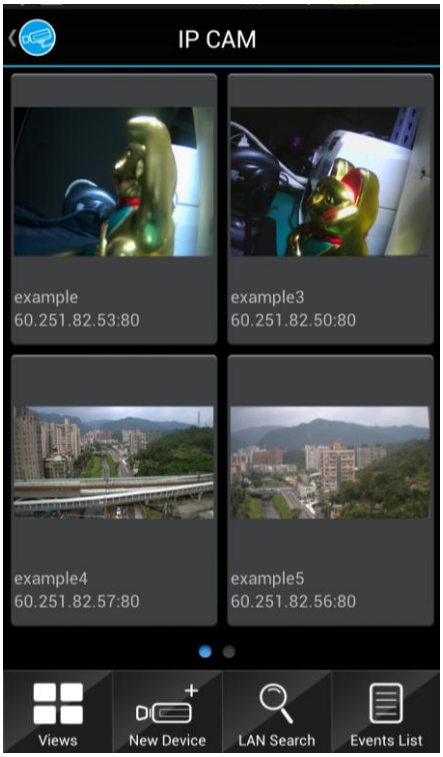
Title: Alphabetically ordered from A to Z.
IP: Ordered by the IP address, from 0 to 9.
Status: Ordered by Status: Online, Offline, Incorrect Account

5. View Mode

Press on the 

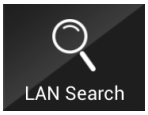
button to switch between List View / 4 Split screens view mode.



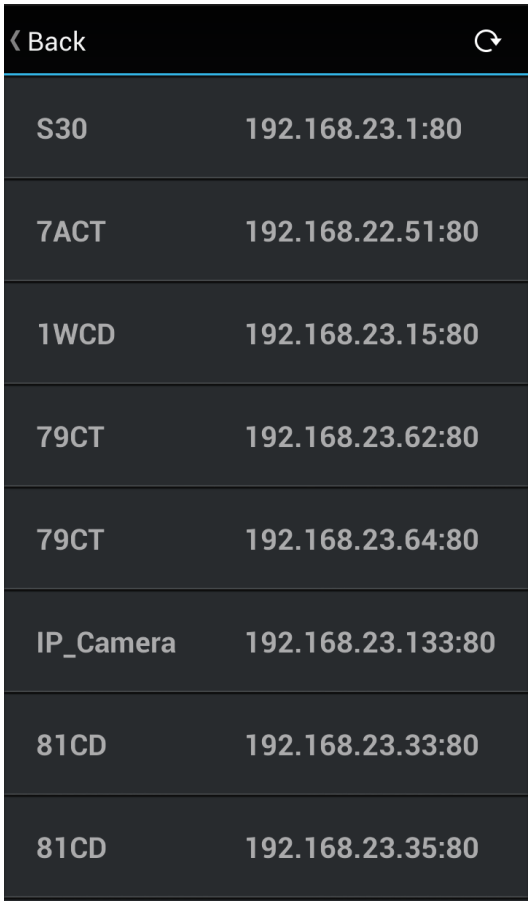
List View	4 Split Screens
	

NOTE: On 4 Split Screens mode the “Edit” function is no available

6. LAN Search

Press on the 

button for search IP Cameras connected to the LAN network.

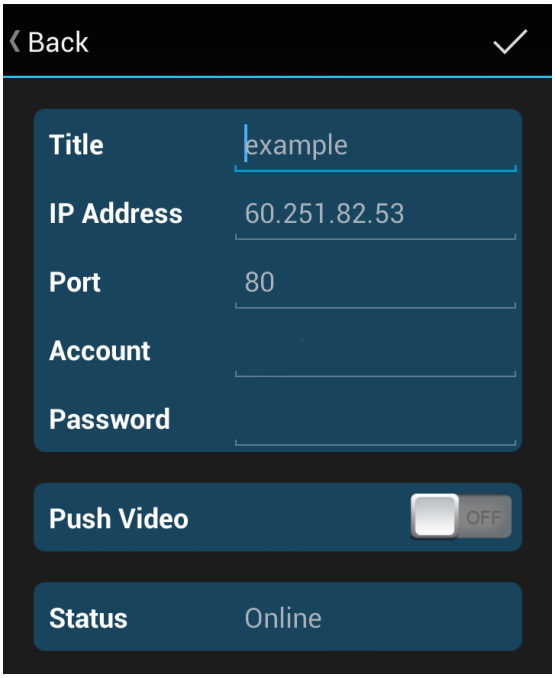


Press back with the phone or press on the

button to go back to the main screen.

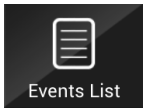
Press the button to search again in the LAN network.

Pressing on any of the IP Cameras will open the edit interface for adding it.

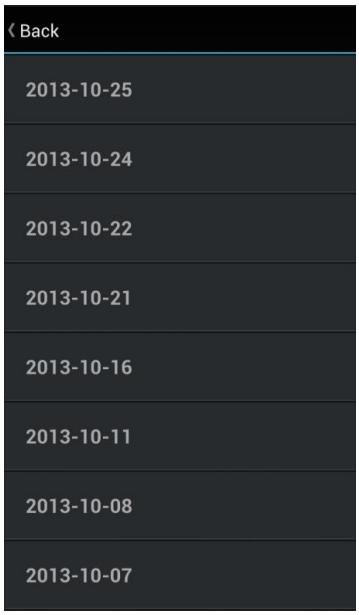


NOTE: For the “Search LAN” function the phone must be connect to WiFi. The function will not work under 3G.

7. Events List

Press on the 

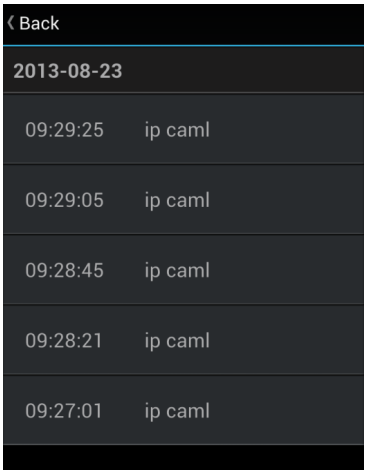
button for displaying the events list.



Press back with the phone or press on the

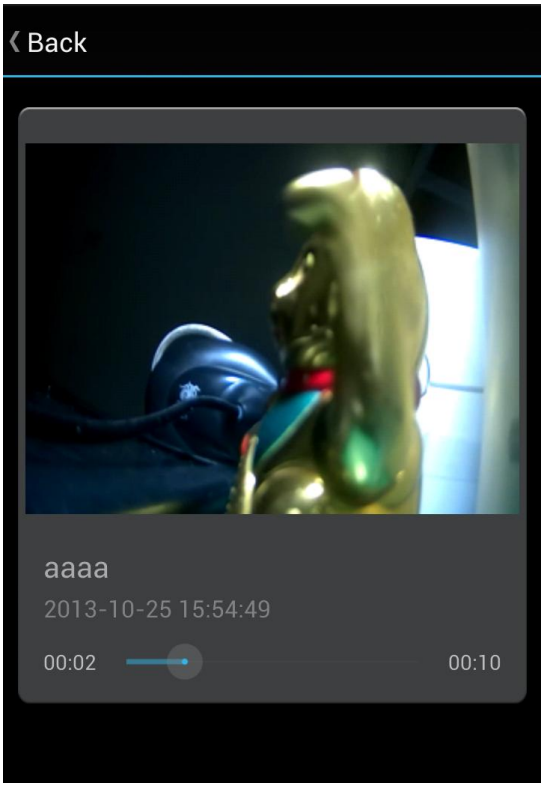
button to go back to the main screen.

Press on the specific date to display the event occurred on that specific date.



Press back with the phone or press on the 《Back button to go back to previous screen.

Press on any event to see the video related with the event.

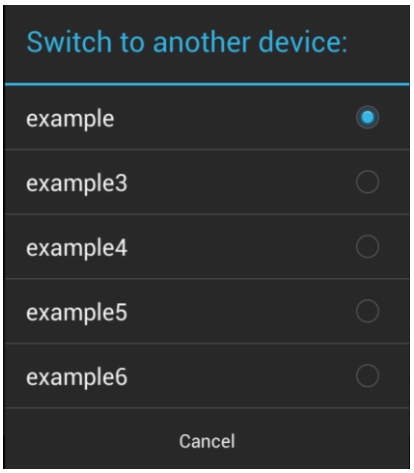


NOTE: The APP will store the history of all the events occurred after the installation, but it doesn't mean that all the videos can be found. If the video was already deleted from the SD card it will display a "Invalid Video" error.

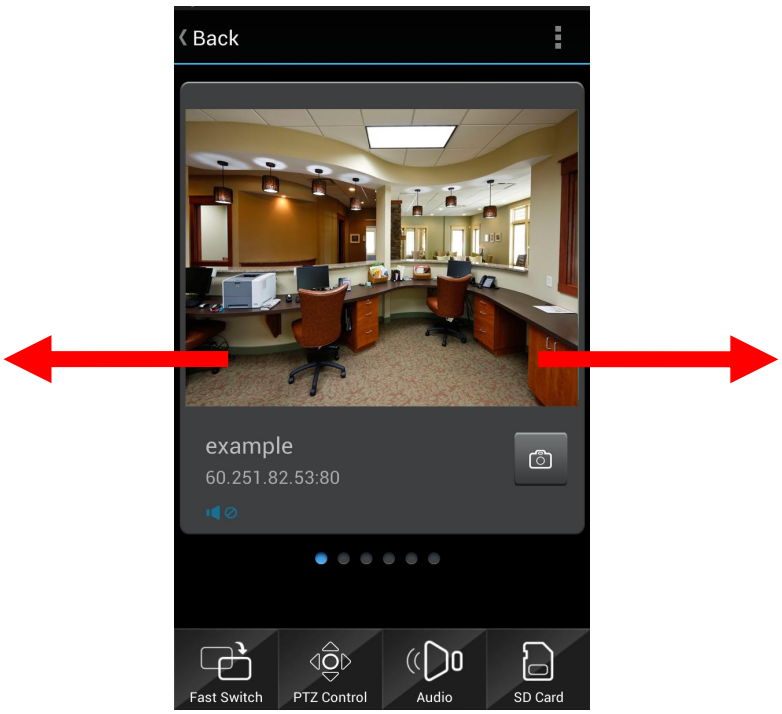
8. Fast Switch View

On Live View press on the

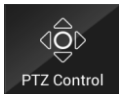
button to switch the IP Camera Live view for another one on the IP Cam list.



You can also change the view by sweeping with your finger to left-right of the view.



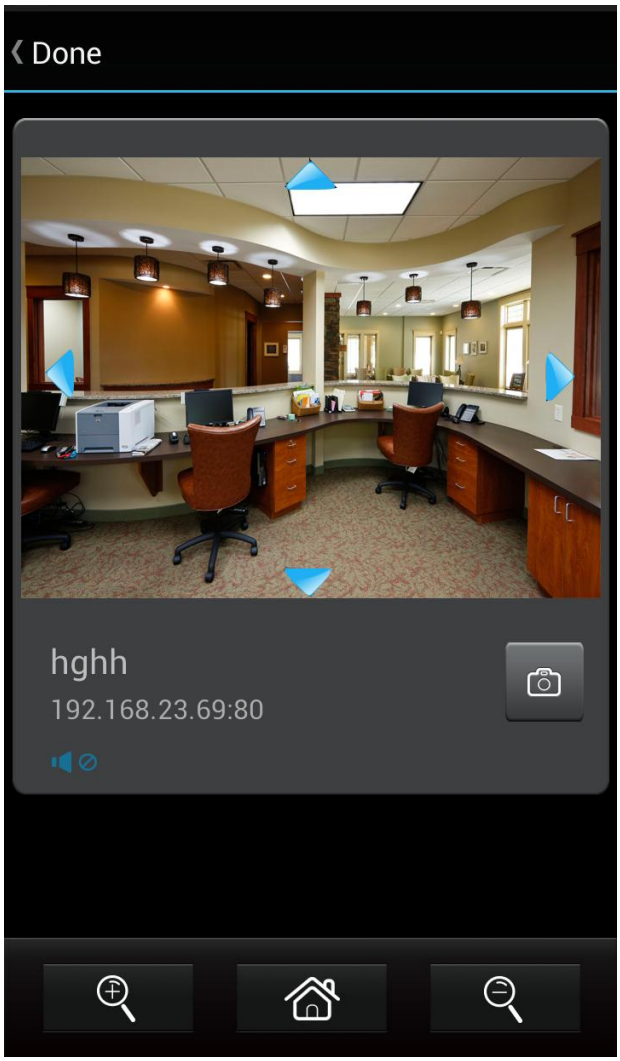
9. PTZ & Digital Zoom Control

On Live View, when pressing the 

button two modes of PTZ control will be enabled depending of the camera type.

a. PTZ supported

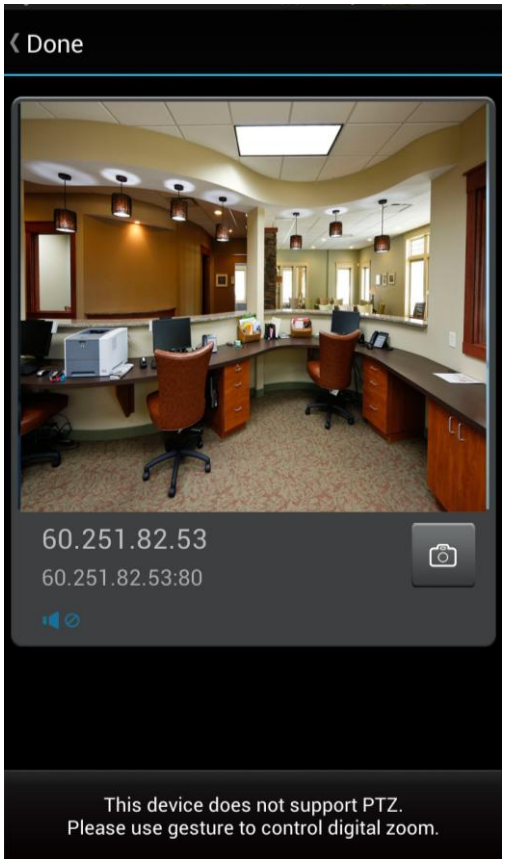
If the IP camera supports PTZ control, the following mode will be enabled.



Done	Close the PTZ control mode
	PTZ movement control
	Take a snapshot
	Zoom in
	Zoom out

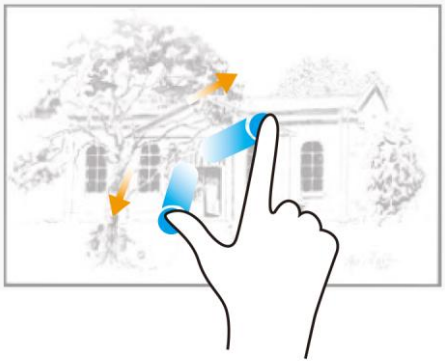
b. PTZ not supported

If the IP camera doesn’t support PTZ control, the following mode will be enabled.

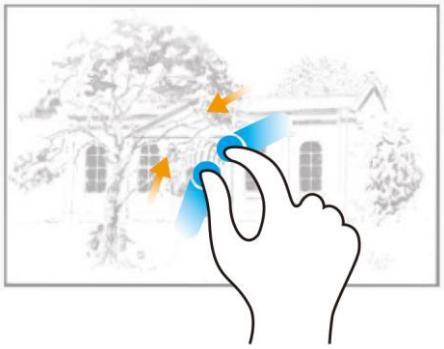


You can pinch open / pinch close for zoom in/out the image. When performing zoom on the image you can also pan the image left, right, up, down.

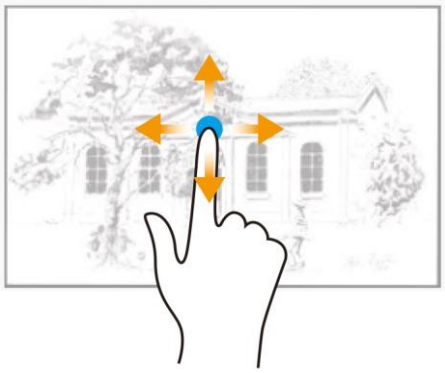
Pinch open



Pinch open

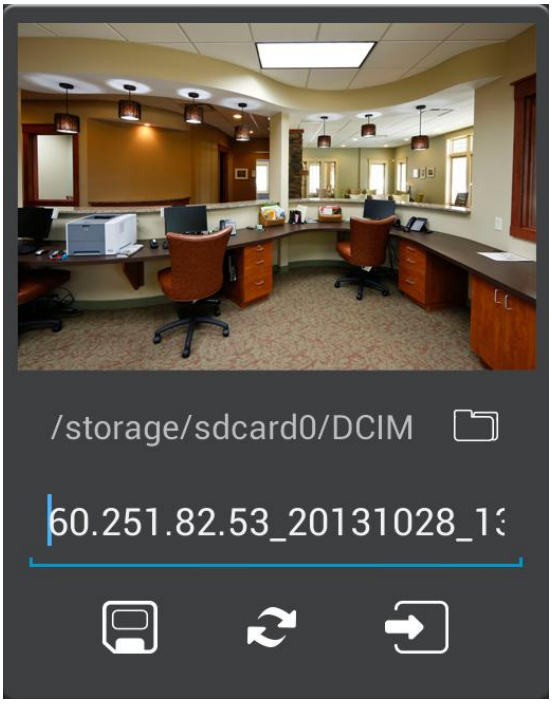


Pan



10. Snapshot

On Live View and PTZ / Digital Zoom control mode you can take a snapshot by pressing the button. The following interface will pop out showing the snapshot taken.

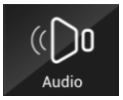


Select the path where the snapshot will be stored.

Refresh the snapshot.

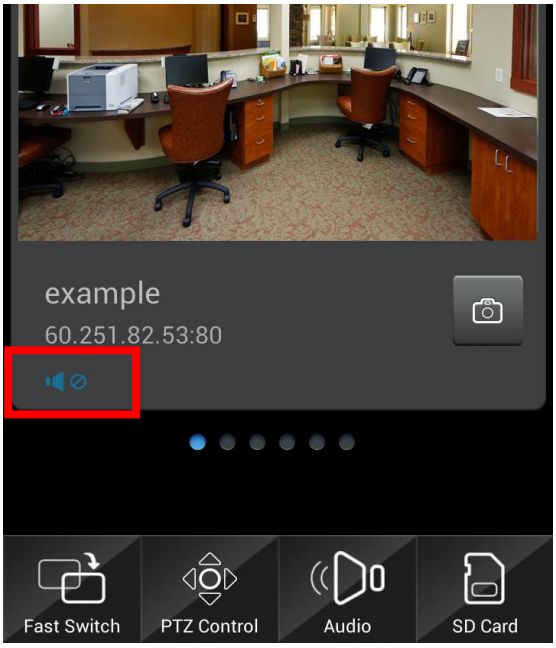
Exit and close the window.

11. Open / Close audio

By pressing the 

button you can open / close audio from IP Camera.

The state of the audio is displayed in bottom-left corner of the image, below the IP address.

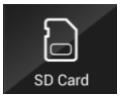


Audio closed

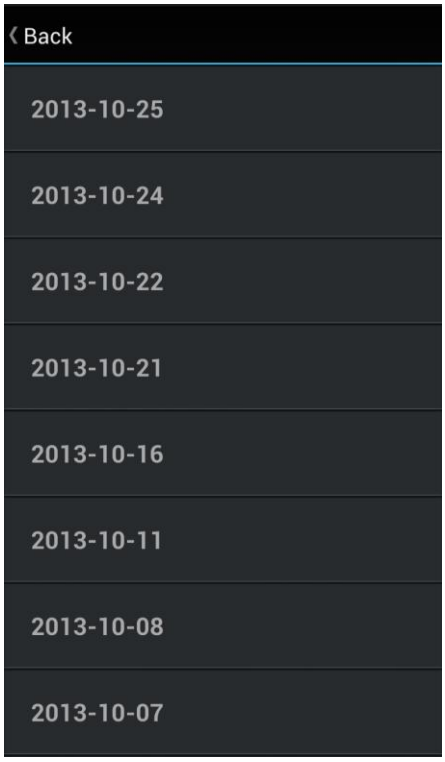
Audio open

Note: A microphone must be connected to the IP Camera in order for listening audio.

12. SD card reading

Pressing on the 

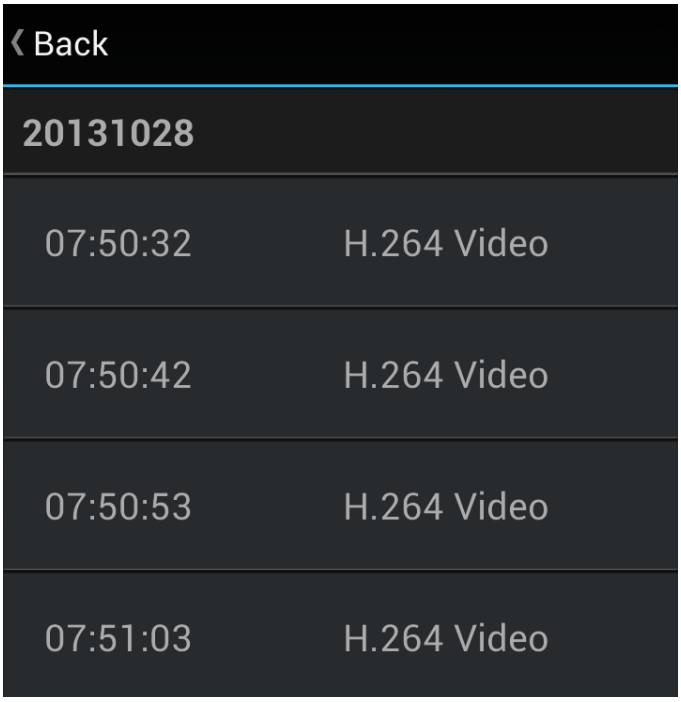
button will display the content of the SD card inside the IP Camera.



Press back with the phone or press on the

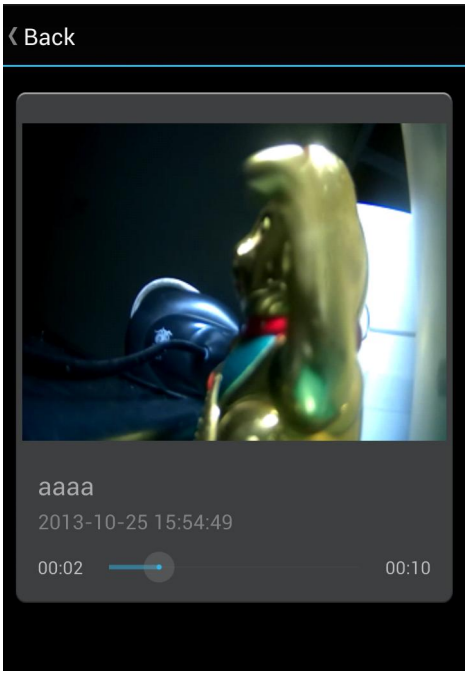
button to go back to the main screen.

Press on the specific date to display the content on that specific date.



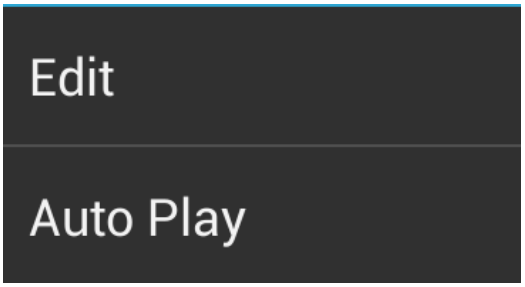
Press back with the phone or press on the Back button to go back to previous screen.

Press on any H.264 to watch the video.



13. Auto Play

On Live View mode, press on the button located at the top-right corner of the screen for showing the options. The following options will pop-out.



By pressing on “Auto Play” the Live View mode will start changing every 15 seconds.

For stopping the “Auto Play” function, press on the Stop button.