

ZNV Client User Manual

(Android)

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1 Device Connection

This is to connect a camera to a home LAN (local area network). Two ways of connection are available: one is WPS (Wi-Fi Protected Setup), and the other is wired connection.

After connection, the mobile phone accesses the same router via wireless connection for operations such as search, adding, configuration, and browsing.

1. WPS

Press the WPS button on the router and network card within two minutes. If the router does not have the WPS button, you have to choose wired connection.

Figure 1-1 Wireless Connection



2. Wired connection

Connect the IP camera to a special power supply attached, and connect the IP camera to the router with a network cable.

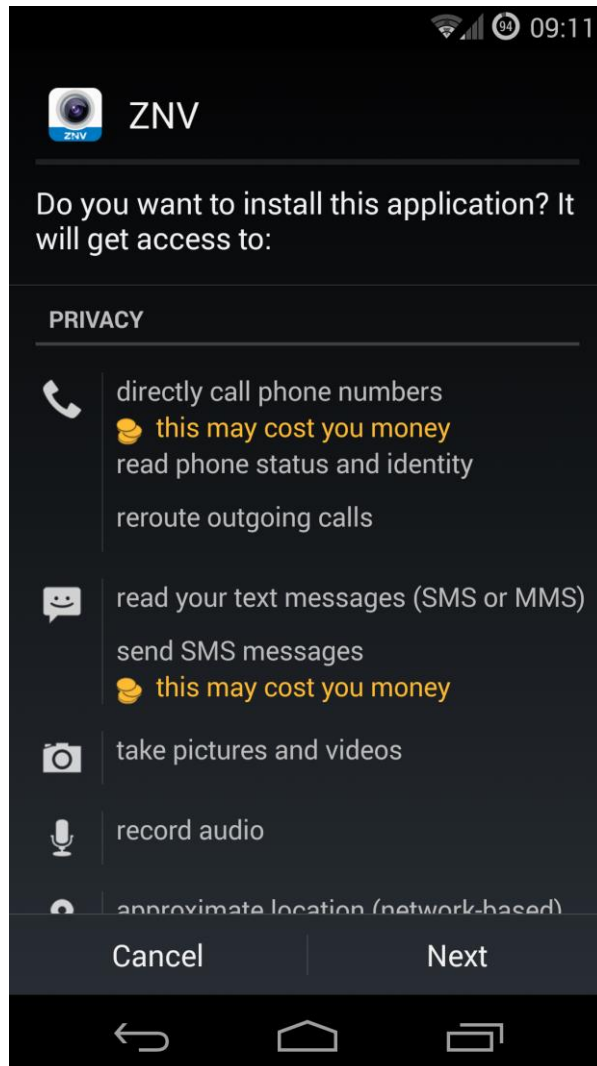
Figure 1-2 Wired Connection



2 APP Installation Configuration

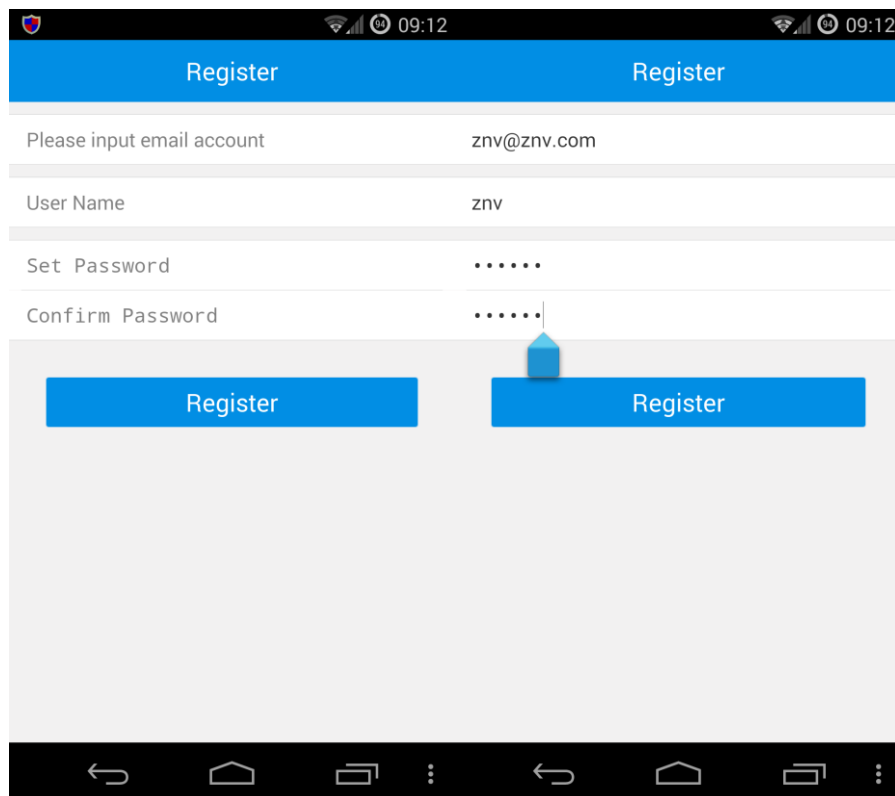
1. Download the ZNV.apk application from the ZNV website and install it.

Figure 2-1 Downloading the APP



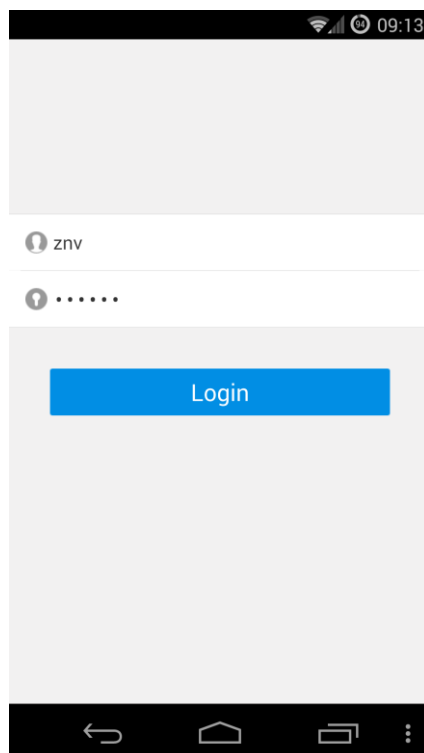
2. Open the installed application, register a local account, and log in to the device with the registered user name.

Figure 2-2 Registration



The screenshot shows a mobile application registration screen. At the top, there is a blue header bar with the word "Register" in white text. Below the header, the screen is divided into two columns. The left column contains labels for the registration fields: "Please input email account", "User Name", "Set Password", and "Confirm Password". The right column contains the corresponding input fields: "znv@znv.com", "znv", and two password fields represented by dots. Below the input fields, there are two blue buttons, each labeled "Register". The screen is framed by a black border at the top and bottom, with status bar icons and Android navigation icons visible.

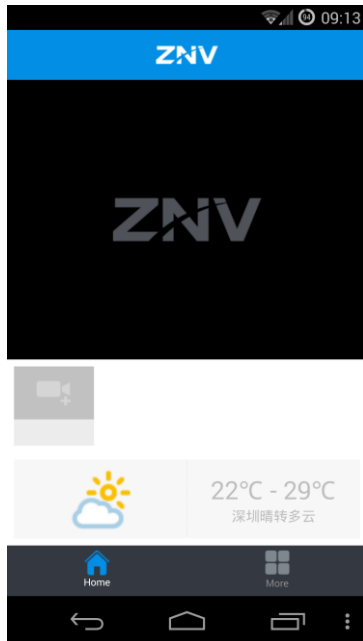
Figure 2-3 Login



The screenshot shows a mobile application login screen. At the top, there is a black header bar with status bar icons and the time "09:13". Below the header, the screen is divided into two columns. The left column contains labels for the login fields: "znv" and a password field represented by dots. The right column contains the corresponding input fields. Below the input fields, there is a blue button labeled "Login". The screen is framed by a black border at the top and bottom, with status bar icons and Android navigation icons visible.

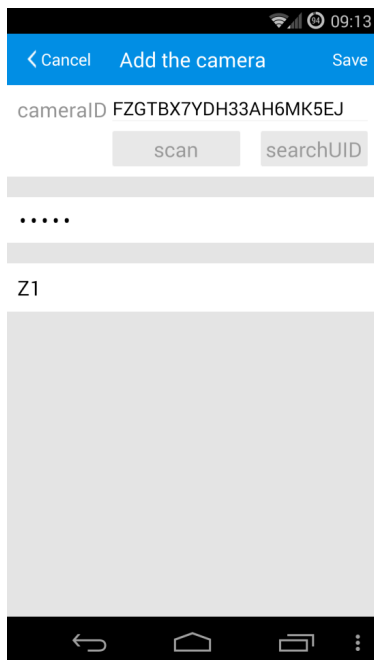
3. Enter the application, and click a camera icon in the interface to go to the interface for adding a camera.

Figure 2-4 Camera Icon



4. Add a camera in three ways on the page for adding a camera: **scan**, **searchUID**, and entering the UID manually.

Figure 2-5 Adding a Camera



i. Scan

Click the **scan** button and scan the QR (Quick Response) code on the camera with the mobile camera module to automatically enter the camera ID.

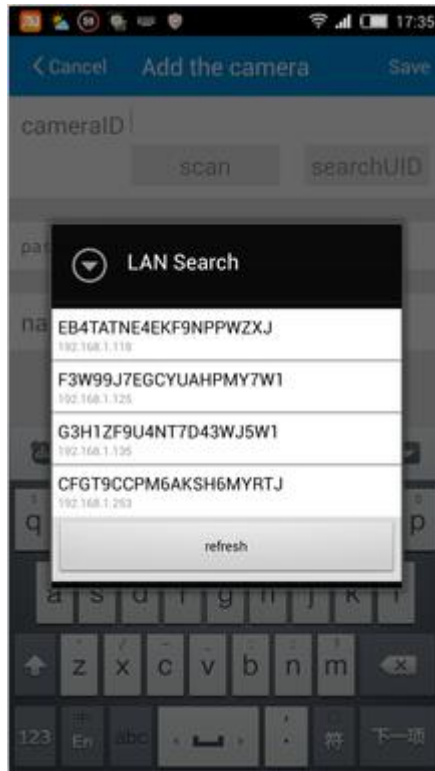
Figure 2-6 QR Code Scanning



ii. Search UID

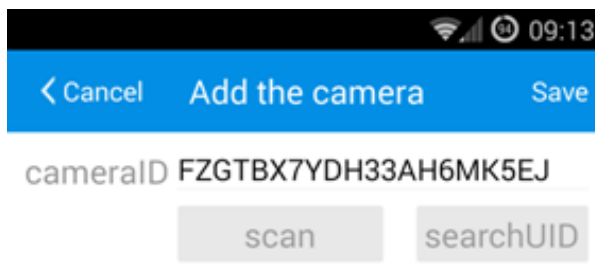
When the camera and the mobile phone are connected with the same router, click the **searchUID** button to search all devices within the LAN. Click any of the listed search result (UID and IP address) to add the desired device.

Figure 2-7 Searching the UID



iii. Entering the UID manually

Figure 2-8 Entering the UID manually



5. After entering the UID, type the password (**admin** by default) and camera name, and click the **Save** button on the upper right corner to complete adding the camera.

Figure 2-9 Entering the Password and Camera Name

The screenshot shows a mobile application interface for adding a camera. At the top, there is a blue header bar with three buttons: "< Cancel", "Add the camera", and "Save". Below the header, the "cameraID" is displayed as "FZGTBX7YDH33AH6MK5EJ". There are two buttons, "scan" and "searchUID", positioned below the camera ID. Below these buttons is a password field represented by five dots. Underneath the password field is a text input field containing the camera name "Z1". The bottom of the screen features a standard Android navigation bar with icons for back, home, recent apps, and a menu.

3 APP Use

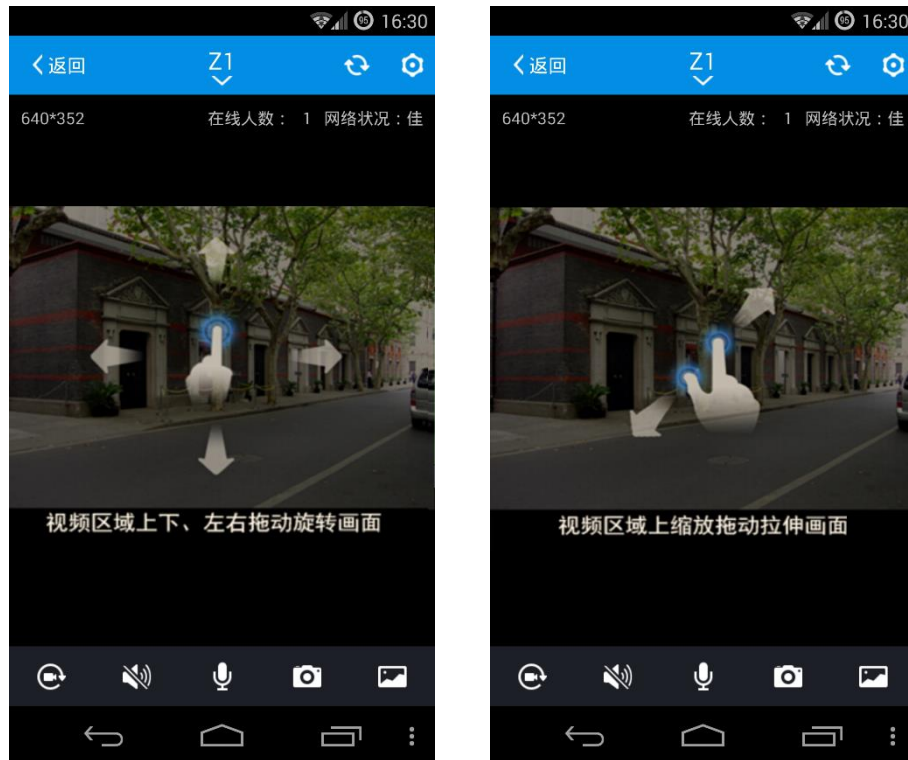
1. With the camera added, you can see the camera list and screen in the APP main interface.

Figure 3-1 Camera List and Screen



2. Click the screen to view the monitoring image and gesture to move the PTZ and zoom the camera.

Figure 3-2 Gesturing



3. In a vertical screen, the status bar displays the **Back** button, the list of devices of the same IP address, and the fresh and setting buttons. The resolution, number of online users and network status are shown above the image. Operations such as replay, muting/listening, talk, snapshot, and album are available below the image.

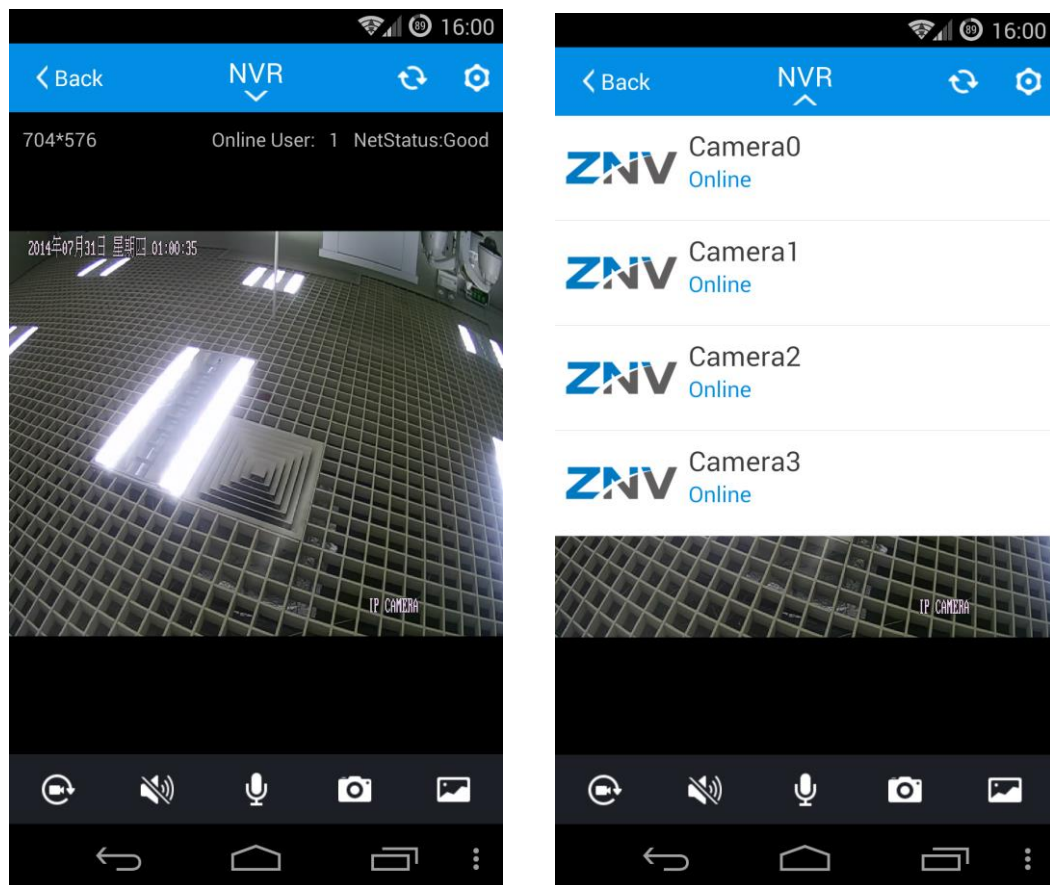
Figure 3-3 Vertical Screen



i. Device list

When a DVR (Digital Video Recorder) or NVR (Network Video Recorder) is accessed, click the device list on the status bar to switch between cameras of different channels under the same device.

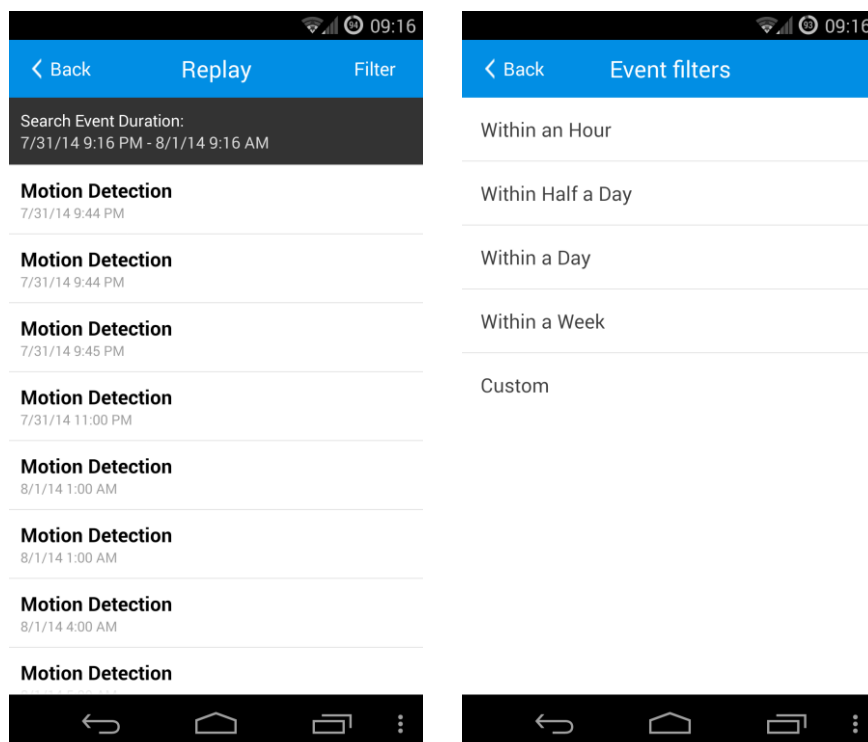
Figure 3-4 Device List



ii. Replay

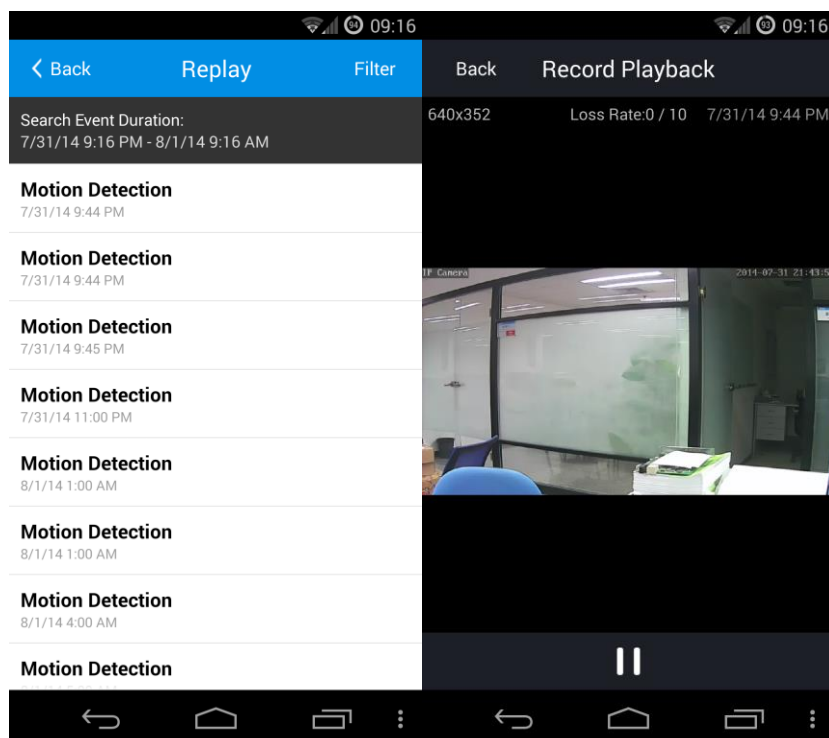
Click the replay button  to go to the **Replay** interface, where you can filter events within an hour, within half a day, within a day, within a week, or in a custom period.

Figure 3-5 Replay



Click a searched event listed in the figure below to view an associated record.

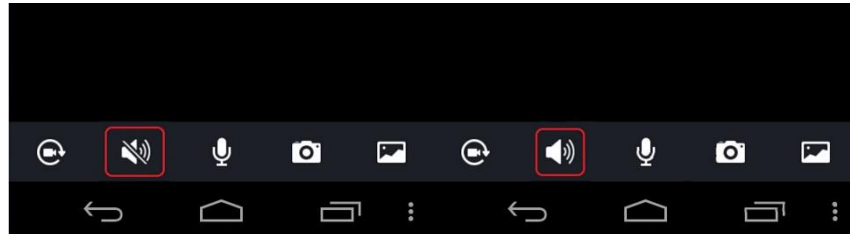
Figure 3-6 Searched Events



iii. Mute/Listen

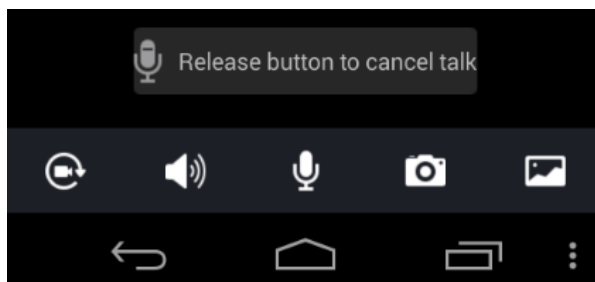
Click  to switch between the mute status and the listening status. You can only view a record in the mute status, and view a record and listen to the talk simultaneously in the listening status.

Figure 3-7 Muting/Listening

iv. Talk

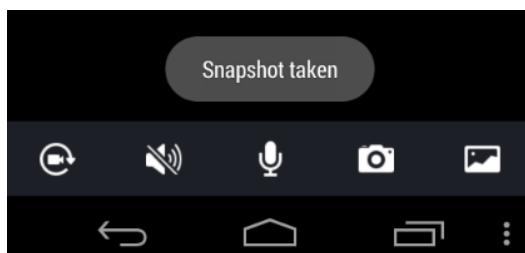
Hold the talk button  to enable talk between the mobile phone and the device.

Figure 3-8 Talk

v. Snapshot

Click the snapshot button  to take a snapshot of the current image. The system saves snapshot to the album automatically.

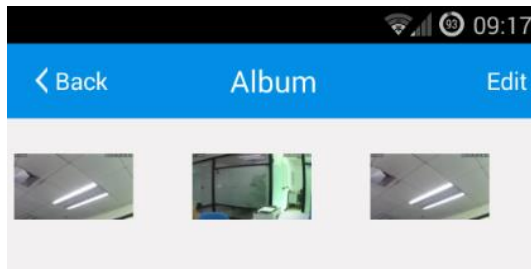
Figure 3-9 Snapshot



vi. View pictures 

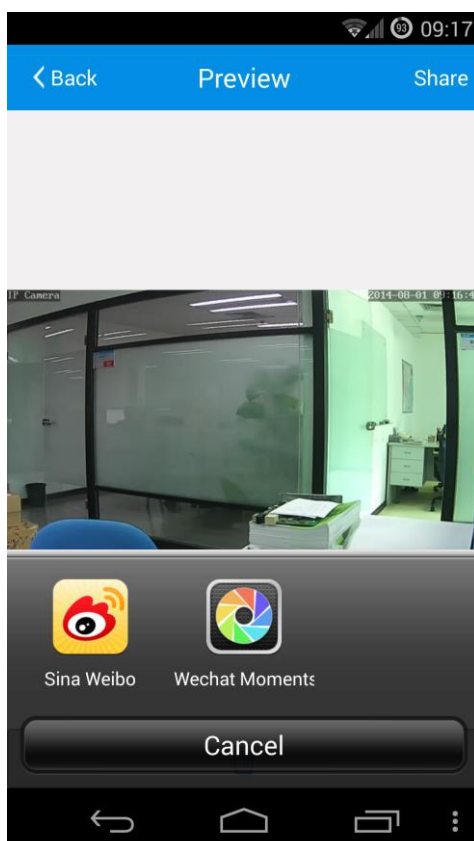
Click  to go to the album and view taken pictures.

Figure 3-10 Album



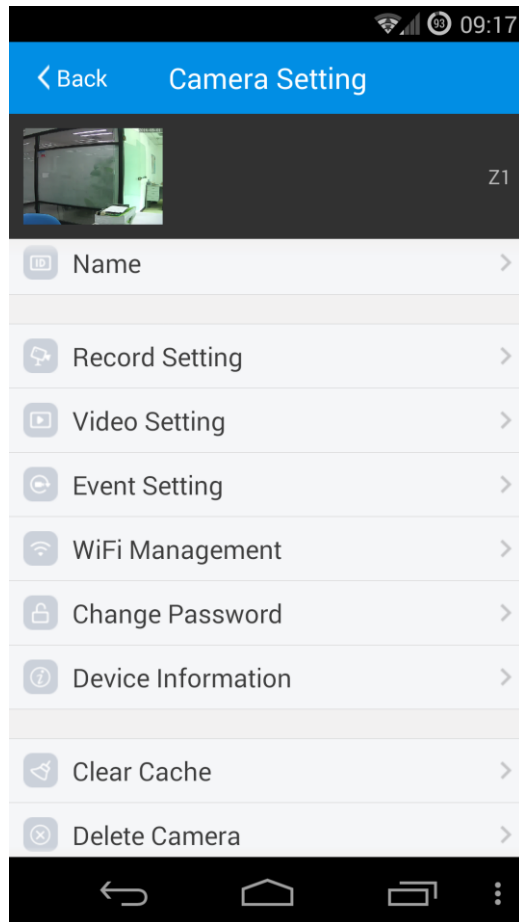
Click a picture to view its full image, and click the **Share** button to share the picture to Sina Weibo or WeChat Moments.

Figure 3-11 Sharing a Picture



4. **Camera Setting:** In a monitoring image, click the setting button  on the upper right corner to go to the **Camera Setting** interface.

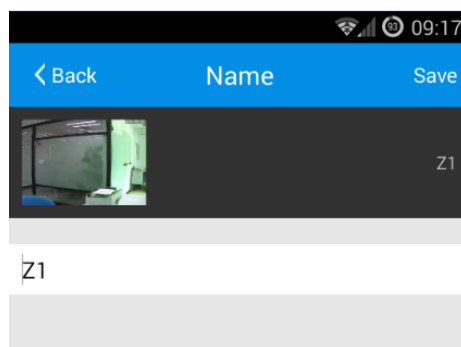
Figure 3-12 Camera Setting



i. Name

Modify a camera name.

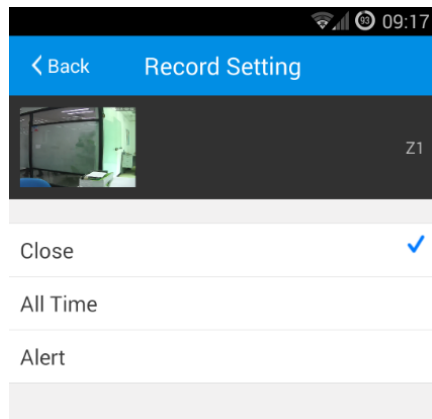
Figure 3-13 Name



ii. Record Setting

You can choose among **Close**, **All Time**, and **Alert** modes under **Record Setting**.

Figure 3-14 Record Setting



iii. Video Setting

Video Setting: You can choose among **Low**, **Middle**, and **High** modes under **Video Quality**, and **Normal**, **Vertical Flip**, **Horizontal Flip**, **Vertical** and **Horizontal Flip** modes under **Image Flip**.

Figure 3-15 Video Setting

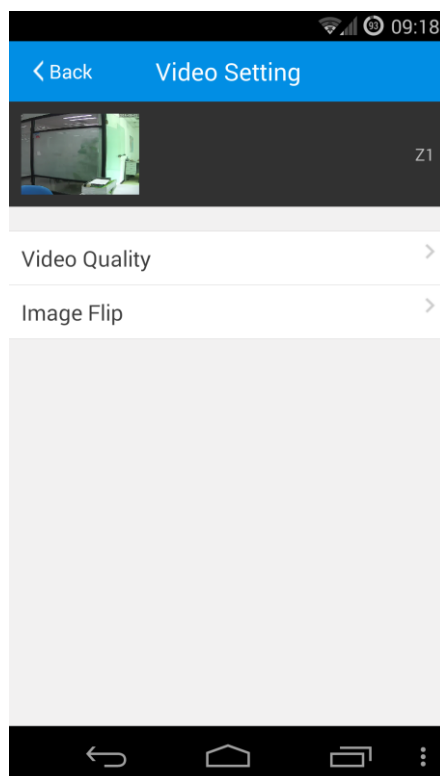
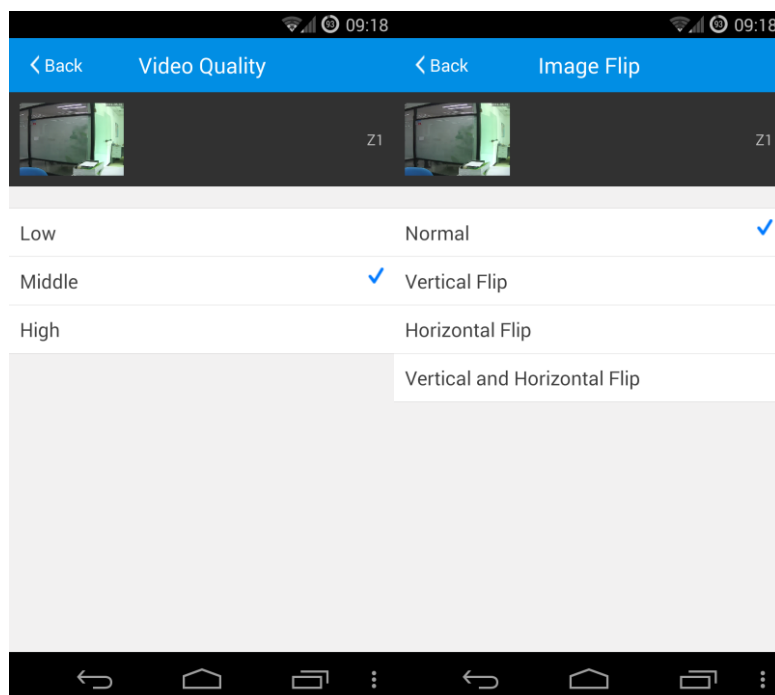


Figure 3-16 Video Quality and Image Flip



iv. Event Setting

Event Setting: You can modify sensitivity (**Close**, **Low**, **Middle**, and **High**) of motion detection. **Event Reminder:** You can choose among the **Silent**, **Ring**, **Vibrate**, **Ring and Vibrate** types.

Figure 3-17 Event Setting

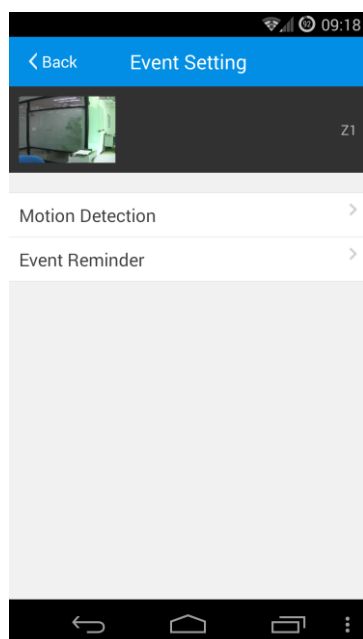
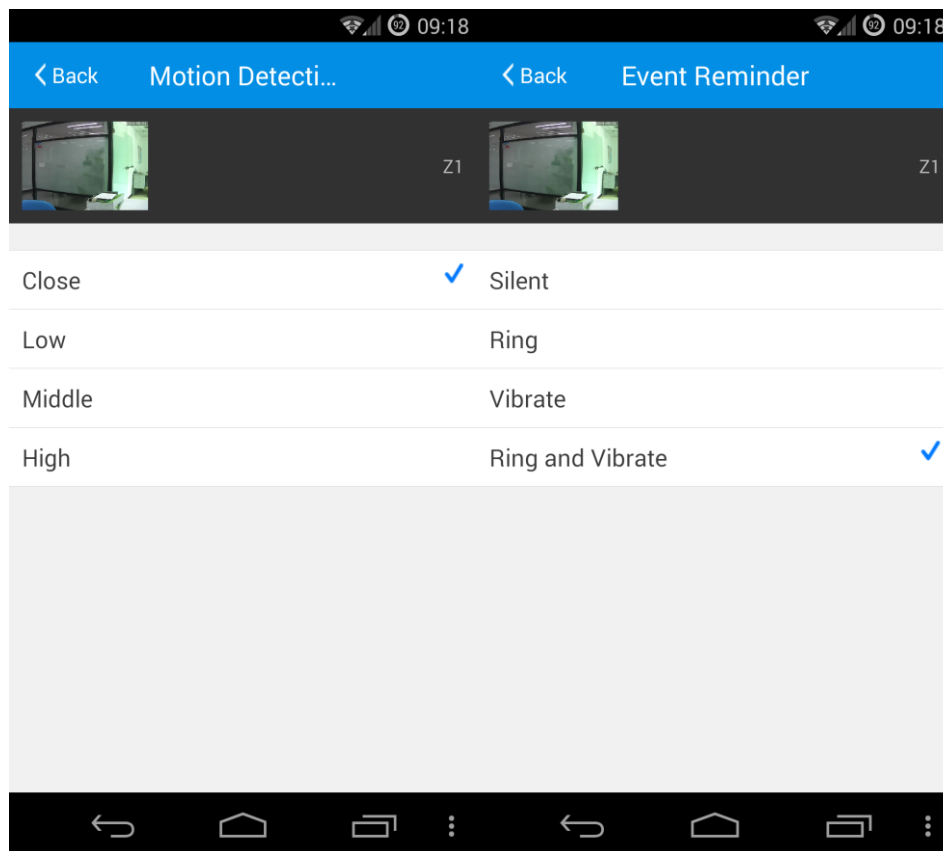


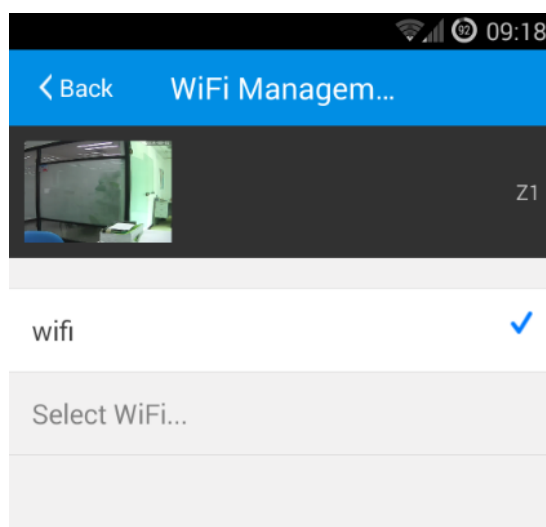
Figure 3-18 Motion Detection and Event Reminder



v. WiFi Management

Reset WiFi connection at the device side.

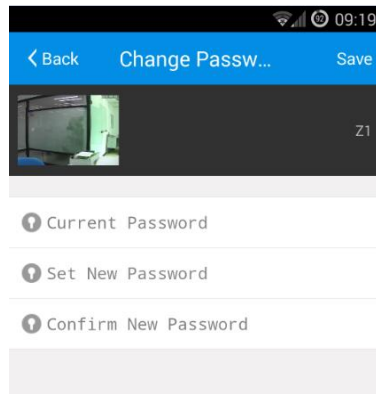
Figure 3-19 WiFi Management



vi. Change Password

Change the password of the camera.

Figure 3-20 Change Password



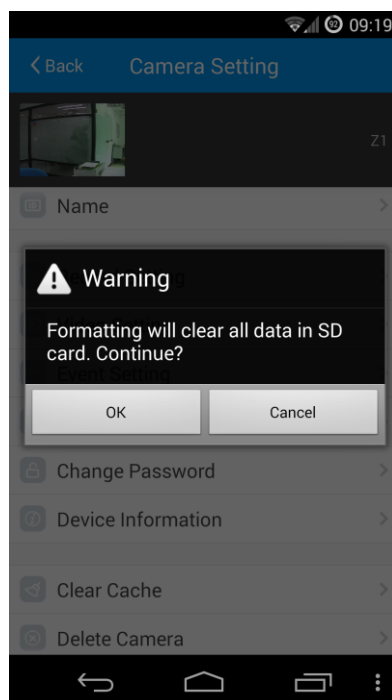
vii. Device Information

View the model, version, and manufacturer of the camera.

viii. Clear Cache

Format the T-flash card on the camera.

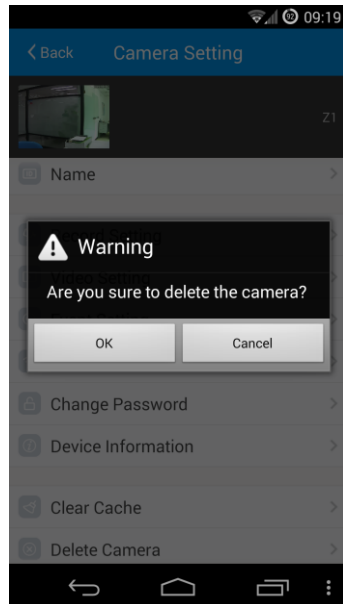
Figure 3-21 Formatting



ix. Delete Camera

Delete the camera associated with the APP.

Figure 3-22 Delete Camera



5. **More:** Click the **More** button in the main interface of the APP client to go to the interface for more setting, for example, traffic statistics, message and position setting, and feedback.

Figure 3-23 More

