



# **iVMS-4500 (Windows Phone 8) Mobile Client Software**

**User Manual (V2.2)**

UD.6L0202D1625A01

Thank you for purchasing our product. This manual applies to iVMS-4500 (Windows Phone 8) mobile client software; please read it carefully for the better use of this software.

The contents in this manual are subject to change without notice.

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# Chapter 1 Introduction

## 1.1 Overview

iVMS-4500 (Windows Phone 8) V2.2 mobile client software, which is designed for mobile phone on the basis of Windows Phone 8.0, can be used to remotely monitor the live video from embedded DVR, NVR, network camera, network speed dome and encoder via wireless network, play back record files, locally store and manage pictures and videos, manage alarm notification and information, and realize PTZ control as well.

With this software installed in your mobile phone, you are able to log onto the front-end device via Wi-Fi, 3G or 4G; besides, if there is no public IP available for the device, it's accessible by using a dynamic domain name, or by mapping ports to the public IP of router.

**Notes:**

1. Wi-Fi, 3G or 4G access service must be supported by the phone.
2. Network traffic charges may be produced during the use of this client software. Please refer to the local ISP.

## 1.2 System Requirements

The mobile phone should be based on Windows Phone 8.0.


## 1.3 Conventions

In order to simplify the description, we define the “iVMS-4500 (Windows Phone 8) mobile client software” as “software” and “DVR, NVR, encoder, network camera, network speed dome” as “device” in the following chapters.


## Chapter 2 Installing and Uninstalling the Software

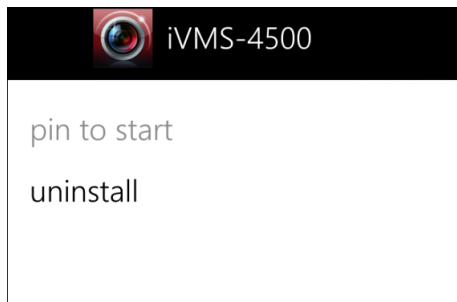
### 2.1 Installing the Software

**Steps:**

1. Log onto the **Windows Phone Store**.
2. Enter “iVMS-4500” to search the mobile client software.
3. Download and install it to your phone.
4. After having installed the software successfully, you can click  in the program list of your phone to start the software.

### 2.2 Uninstalling the Software

Press and hold the software  in the program list and then select **uninstall** to remove the software.

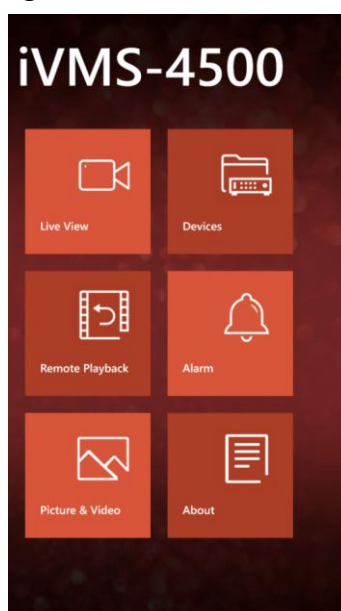


## Chapter 3 Running the Software







After having installed the software successfully, click  to run the software.

### Home Page Introduction

The software has six main functions, including Live View, Device Management, Remote Playback, Alarm Management, Picture and Video Management, and About.



### Description of Home Page

Menu	Descriptions
 <b>Live View</b>	Live view, PTZ control, local recording, etc.
 <b>Devices</b>	Display device list, add/delete/modify device, view device information, etc.
 <b>Remote Playback</b>	Play back the recorded files stored in the device.
 <b>Alarm</b>	Enable alarm notification, manage alarm information and view the alarm linkage information.
 <b>Picture &amp; Video</b>	Display and manage the local video files and pictures.
 <b>About</b>	Display the software's version information and main features, configure software update, perform email feedback, and view the help file.

## Chapter 4 Device Management


### 4.1 Adding a Device

You need to add a device firstly that all operations such as live view, playback and device management can be accessible.

**Steps:**

1. Click  on the home page to enter the Device Management interface.



2. Click  to add a new device.

**Alias:** Edit a name for the device as desired.

**Register Mode:** Select the register mode to HiDDNS, IP/Domain, or IP Server.


- **HiDDNS:** When the device is registered on the HiDDNS server, you need to enter the HiDDNS server address and the device domain name registered on the server.
- **IP/Domain:** You can access the device through fixed IP address or domain name. You need to edit the IP address or domain address and the port of the device.
- **IP Server:** You can access the device through IP Server. You need to set the IP Server address, and device identifier which is the device name or device serial No..

**User Name:** Input the user name of the added device.

**Password:** Input the password of the added device.

**Camera No.:** The number of the camera(s) under the device can be obtained

after the device is successfully added.

3. Click  to confirm the settings.


**Notes:**

- 1) If the device is successfully added, the software can obtain the camera information of the device.
- 2) Up to 256 devices can be added.


Click return button of the phone to back to the Device Management interface. The successfully added new device will be displayed in the Device Management interface.

## 4.2 Editing a Device

**Steps:**

1. In the Device Management interface, select a device and click the device item to view its parameters.
2. Click  and then you can edit the parameters of the device according to actual needs.



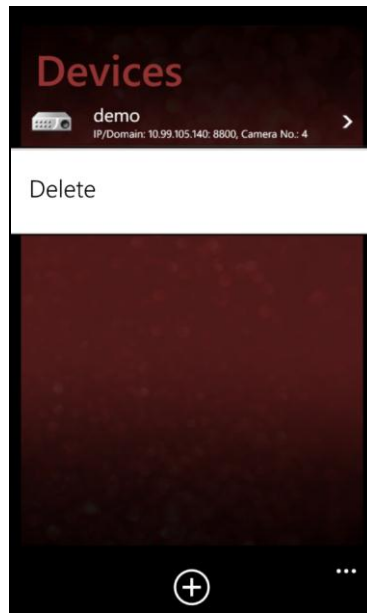
3. Click  to save the modification.
4. Click return button of the phone to back to the Device Management interface.

## 4.3 Deleting a Device

In the Device Management interface, select a device, and press and hold it to activate the deletion window. Click **Delete** to delete the selected device.

**Note:** If the device with alarm notification enabled cannot be removed from the alarm notification server, it will not be deleted from the software.











## Chapter 5 Live View

After the device is successfully added, you can view live video from the devices and manage PTZ control as well.

**Note:** The PTZ control should be supported by the added device.


Click  on the home page to enter the Live View interface. The screen will be displayed in 1-division mode by default.



Icon	Description
	Capture picture of the selected live view window.
	Record the video of the selected live view window.
	Audio control.
	Stop / recover all the live view.
	Display the hidden functions, including stream switch, PTZ control and digital zoom.



### Start Live View

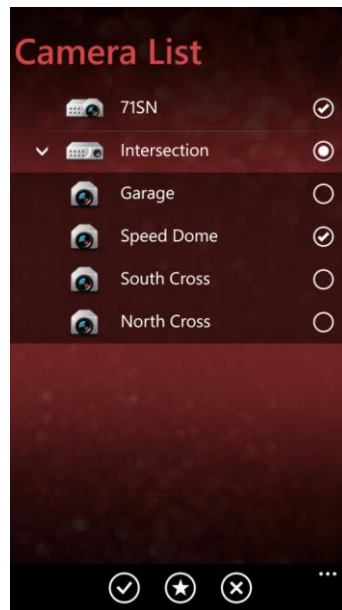
#### Steps:



1. Click  in the upper right corner of the interface to enter the Camera List interface. Click a device node to list all the cameras under it.  
**Note:** The name of the camera under the device is obtained from the device.
2. Check  checkbox in the device item to select all the cameras under it, or check  checkbox in the camera item to select the specific camera as desired.

#### Notes:

- 1) You can slide the camera list downwards to refresh the device status.

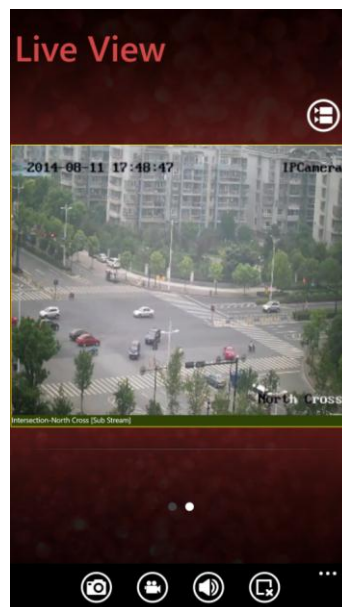
- 2) If the channel-zero is supported by the device and it has been configured, you can select to live view by channel-zero.
- 3) If there is only one channel under the device, the icon of the device shows as . Otherwise, it shows as .



3. Click  at the bottom of the interface to start live view of the selected camera(s). Or you can click  to return to the Live View interface.

**Notes:**

- 1) Up to 16 cameras can be selected for live viewing at the same time.
- 2) If the camera is live viewed for the first time, it plays the live video at sub-stream if it supports sub-stream, otherwise it plays at main stream; if not, the camera plays at the stream type of the last time.




## Favorites Configuration

You can add the commonly used camera(s) to the favorites so that you can access the

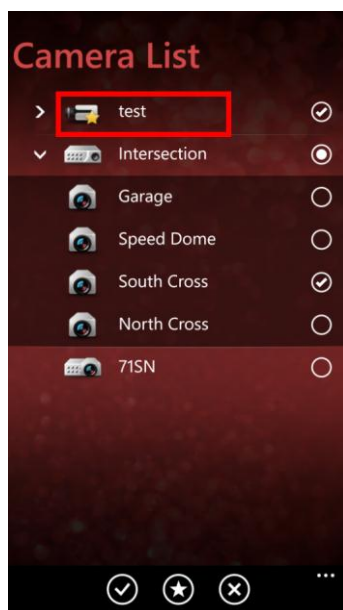
camera(s) conveniently.

**Steps:**

1. Perform the *Step 1* and *Step 2* of *Start Live View* to select the camera(s).
2. Click  to add the camera(s) to the Favorites.
3. In the pop-up dialog box, enter the name for the favorites.
4. Click **Confirm** to save the settings.



**Note:** Up to 32 favorites can be added.

The successfully added favorites will be shown in the device list area.




If you want to delete the favorites, you can long press it to activate the deletion window. Click **Delete** button to delete the selected favorites.

## Record & Capture

In live view mode, select a live viewing window and click  to record the video of it, or click  to capture a picture of it.

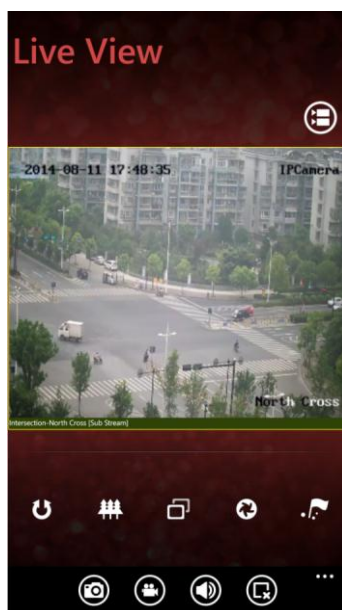
The videos and pictures can be viewed and managed in the Picture & Video Management interface (refer to *Chapter 8*).

## PTZ Control

In live view mode, select a playing window, click  at the bottom the interface and select **ptz** to activate PTZ control panel.

**Note:** The PTZ control should be supported by the added device.

You can slide on the live view window to realize the pan left/right and tilt up/down movements. You can also pinch two fingers together to zoom out or spread them apart to zoom in the live view.



### Icon Description



Start / Stop the auto-scan.



Zoom control: Zoom+ (zoom in) / Zoom- (zoom out)



Focus control: Focus+ (focus near) / Focus- (focus far)



Iris control: Iris+ (open iris) / Iris- (close iris)



Set and call the preset.

### Setting a Preset

#### Steps:

1. In the PTZ control mode, slide on the live view window to move the camera to the desired scene.
2. Click and then set the preset No. (1~256) in the pop-up dialog box.
3. Click **Set** to finish the preset settings.

### Calling a Preset

For the programmed preset, edit the preset No. in the dialog box and click **Call** to call it.

After completion of PTZ control, click at the bottom the interface and select **ptz** to hide the PTZ control panel.

### Switching Stream

You can set the live view stream to main stream or sub-stream according to the performance of your network and phone hardware.

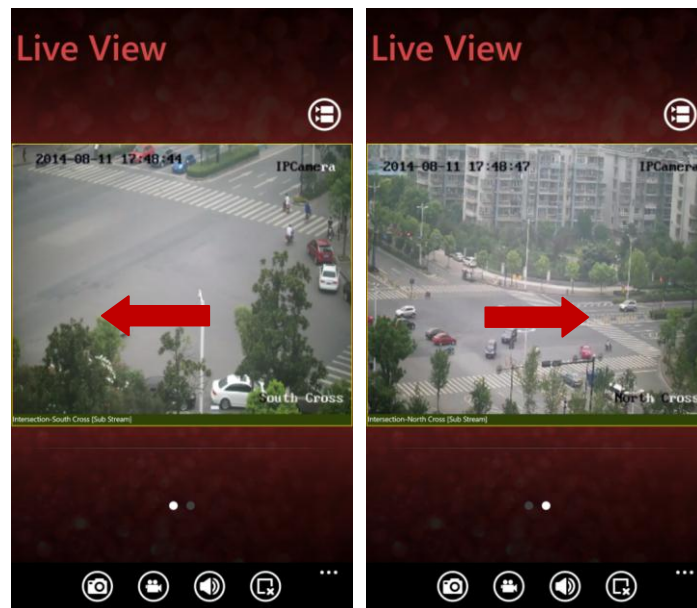
Click at the bottom of the interface to activate the stream switching item and click the item to set the stream as main stream or sub-stream.

### Window Division




When multiple cameras are under live view, they are 4-division mode by default. You

can double-click the live view window to display the camera in 1-division mode and double-click again to restore.




When there are multiple pages of playing windows, you can slide the screen to go to the next or previous page.

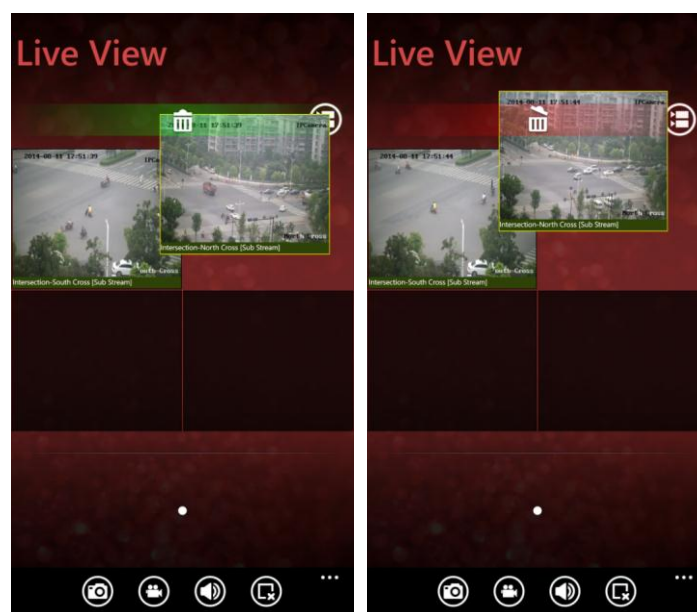


### Stop Live View

During the live view, you can click  (it changes to ) to stop live view of all cameras. And you can also click  to recover the previous live view. Or you can perform the following steps to stop live view of the specific camera.

**Steps:**


1. Drag the live view window upwards, and the  shows on the top of the window.
2. Drag the window to the  until it changes to  and then release the window.



## Digital Zoom

You can realize the digital zoom during live view.

### Steps:

1. Click to select a playing window.
2. Click  at the bottom the interface and select **digital zoom**. The selected window will be display in 1-division mode.
3. Spread two fingers apart to zoom in or pinch them together to zoom out the live view. Or you can double-click on the live view image to realize digital zoom. You can also slide to move the image under zoom-in mode.

## Full-screen Live View

During live view, you can rotate the phone to enter the full-screen mode.

**Note:** Please release the rotation lock of the phone to realize this function.



### Icon



### Description

Stop / recover all the live view.

Audio control.

Record the video of the selected live view window.

Capture picture of the selected live view window.




Display the hidden functions, including stream switch, PTZ control and digital zoom.

## Chapter 6 Remote Playback

You can search the recorded video files stored in the added device for playback.

### Start Playback


#### Steps:

1. Click  on the home page to enter the Remote Playback interface.
2. Click  in the upper right corner of the interface to enter the Camera List interface.
3. Set the start time and end time in the **From** and **To** field to define the search condition, and click  at the bottom of the interface to confirm the settings.
4. Select a device node and click to list all the cameras under it.
5. Select  radio button in the camera item to select a camera for playback.

#### Notes:

- 1) You can slide the camera list downwards to refresh the device status.
- 2) If you select  radio button in the device item, then the first camera of the device is selected for playback.
- 3) Only the camera with record during that period can be played back successfully.

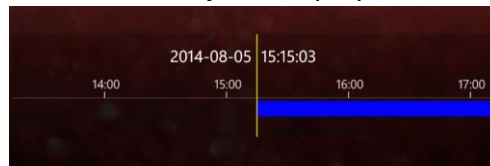


6. Click  at the bottom of the interface to start playback.





7. You can slide the timeline bar to adjust the playback time.



Icon	Description
	Capture picture of the playback window.
	Pause / Play the playback.
	Audio control.
	Stop the playback.
	Display the hidden functions, including digital zoom and video clipping.

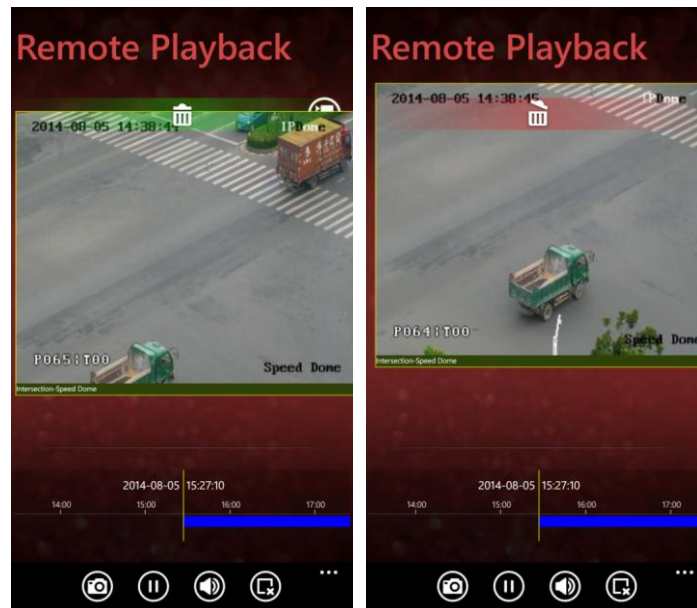
## Stop Playback

You can click to stop the playback.



Or you can perform the following steps to stop the playback.

### Steps:

1. Drag the playback window upwards, and the shows on the top of the window.
2. Drag the window to the until it changes to and then release the window.



## Clip and Capture


During the playback, you can click  to capture pictures of it, or click  at the bottom the interface and select **record** to clip the playback video.

The clipped video and captured pictures can be viewed and managed in the Picture & Video Management interface (refer to *Chapter 8*).

## Digital Zoom

You can realize the digital zoom during playback of video files.

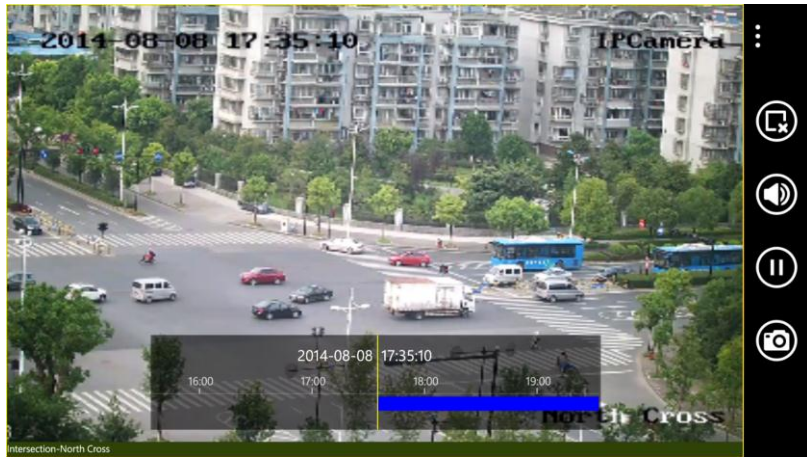
### Steps:

1. Click  at the bottom the interface and select **digital zoom**.
2. Spread two fingers apart to zoom in or pinch them together to zoom out the video. Or you can double-click on the playing video to realize digital zoom. You can also slide to move the image under zoom-in mode.

## Full-screen Playback

During playback, you can rotate the phone to enter the full-screen mode.

**Note:** Please release the rotation lock of the phone to realize this function. You can touch the screen to activate the timeline bar after it hides.



**Icon**



**Description**

Stop the playback.

Audio control.

Pause / Play the playback.

Capture picture of the playback window.


Display the hidden functions, including digital zoom and video clipping.

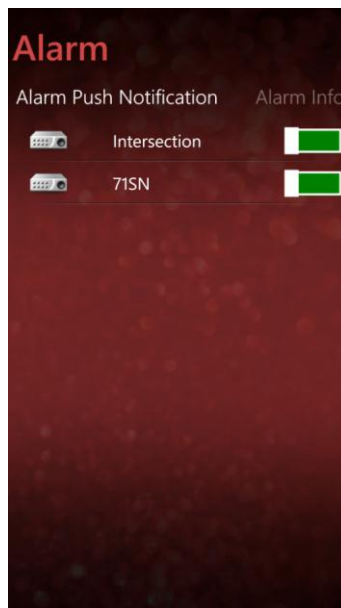
## Chapter 7 Alarm Management



In Alarm Management interface, you can enable alarm notification, manage alarm information, and view the alarm linked video.

### Alarm Notification

**Steps:**

1. Click  on the home page to enter the Alarm Management interface.
2. Click **Alarm Push Notification** to enter the Alarm Push Notification interface.



3. Select a device and set the  as  to enable the alarm notification of the device. In this way, the alarm information can be pushed to your phone at the first time.

**Note:** The device should be armed and support alarm notification.


4. When you receive a notification, it displays in the alarm information interface.  
**Note:** If the software does not run or is running in the background, the received notification appears briefly at the top left corner of the screen. You can click it to address it right away, or it will be deleted after 2 seconds.

### Alarm Information

**Steps:**

1. Click **Alarm Information** to enter the alarm information interface, you can view the received alarm information.




2. You can select a piece of alarm information and long press it to activate the deletion window. Click **Delete** to delete the selected alarm information.
3. If you want to clear all the alarm information, you can click .

#### **Notes:**

- Up to 1000 pieces of alarm information can be displayed on the alarm information list. If more than 1000 pieces of information is received, the earliest information will be deleted.
- If the software does not run or is running in the background, the received notification appears briefly at the top left corner of the screen. You can click it to address it right away, or it will be deleted after 2 seconds.
- The alarm supported to be pushed to the software includes motion detection alarm, video loss alarm, video tampering alarm, sensor alarm, line crossing detection alarm, intrusion detection alarm, face detection alarm, scene change detection alarm, audio exception alarm, defocus detection alarm and PIR alarm.

## **Alarm Linkage**

#### **Steps:**

1. In the alarm information interface, select a piece of alarm information and click .
2. In the pop-up message box, select **Live View** or **Remote Playback** to view the live view or record file of the camera that occurs motion detection, video loss, video tampering, line crossing, intrusion, face detection, scene change detection, audio exception, defocus detection or PIR alarm.



**Note:** The related record file will be played from 30s before the alarm occurs to 150s after the alarm. E.g., if the motion detection alarm occurred at 11:30:00, then the record file is from 11:29:30 to 11:32:30.





## Chapter 8 Picture & Video Management

In Picture and Video Management interface, you can view and manage the local video files and pictures that you manually record (clip) and capture in Live View and Remote Playback interface. You can export the pictures to your photo album of your mobile phone.

For exporting pictures to your photo album, please perform the following steps.




1. Click  and then select the pictures for exporting.
2. Select  and click **OK** in the pop-up dialog box to export the selected pictures to your photo album.

For batch deleting the pictures and videos, please perform the steps below.

1. Click  and then select the pictures and videos you want to delete.
2. Click  and click **OK** in the pop-up dialog box to delete the selected file(s). Or you can click **Cancel** to cancel it.

### Picture Management

#### Steps:


1. Click  on the home page to enter the Picture & Video Management interface.
2. Click a picture and the picture displays in full screen. You can click  if you want to delete it, and click  to export the picture to your photo album.

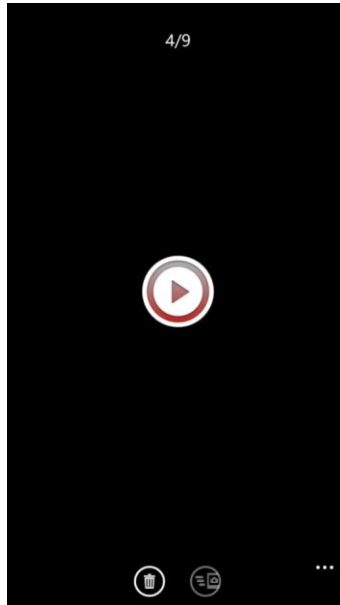






3. You can pinch two fingers together to zoom out or spread them apart to zoom in the picture. Or you can double-click on the picture to realize digital zoom. You can also slide to pan the picture under zoom-in mode.
4. Click return button of the phone to back to the Picture & Video Management interface.

## Video Management

### Steps:

1. In the Picture & Video Management interface, click a video and the video shows in full screen. Click  if you want to delete it.



2. Click  to play it. You can slide the time line bar to adjust the playback time.
  -  Capture a picture of the playback video.
  -  Pause the playback.
  -  Audio control.




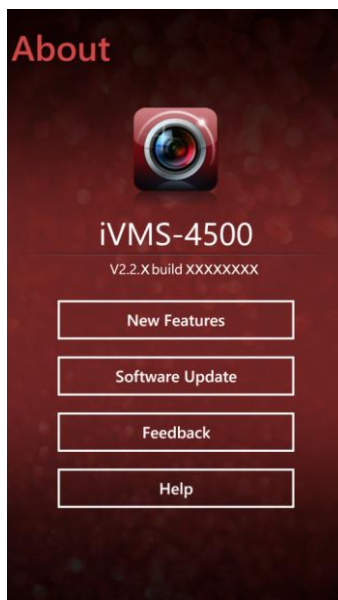
3. You can also rotate the phone to enter the full-screen mode.

**Note:** Please release the rotation lock of the phone to realize this function.



## Chapter 9 About


Click  on the home page to enter the About interface. Here you can check the software's version information and main features, configure software update, perform email feedback, and view the help file.



### Update the Software

When there is a new version available in the **Windows Phone Store**, the software will prompt you to update the software. You can confirm to update the software immediately. You can also cancel it and perform the following steps to update the software next time as desired.

#### Steps:

1. Click  to enter the About interface.
2. If the **New** is in the **Software Update** item, click **Software Update** to activate the software update dialog box.
3. Click **Confirm** to confirm updating the software and enter **Windows Phone Store** to update the software.

**Note:** The **New** displays when there is a new version available in the **Windows Phone Store**.

### New Features and Help

In the About interface, click **New Features** to check the main features of the software. And click **Help** to view the help file of the software.

### Feedback

If there is any problem or suggestion when you use the software, please feel free to send emails to us by clicking **Feedback** in About interface. Our technical engineers will handle your problems and suggestions as soon as possible.

## Appendix

### Version History

#### V2.2

##### Added New Features:

1. Support digital zoom.
2. Support adding commonly used camera(s) to the favorites.
3. Support local recording during live view and remote playback mode and management for captured pictures and clipped video.
4. Support alarm notification and information management.
5. Up to 256 devices can be added.
6. Newly added languages include, Bulgarian, Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Serbian, Slovak, Slovenian, Spanish and Swedish.

#### V2.1

##### Added New Features:

1. The camera name of the device is obtained from the device.
2. Support live viewing channel-zero.
3. Support audio control during live view and remote playback.
4. Slide the camera list downwards to refresh the device status during live view and remote playback mode..
5. Disable auto-lock during live view and remote playback.
6. Check new version automatically.
7. Display the main features of the software.
8. Provide multi-language GUI. Added languages include Estonian, Japanese, Korean, Russian, Thai, Traditional Chinese and Turkish.



First Choice for Security Professionals