iVMS-4500 (iPad)

Mobile Client Software

User Manual

(V3.0)

Thank you for purchasing our product. This manual applies to iVMS-4500 (iPad) 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.

Contents

Chapter 1 Introduction

1.1 Overview

iVMS-4500 V3.0 mobile client software, which is designed for iPad on the basis of iOS (Version 3.2 or higher), can be used to remotely monitor the live video from embedded DVR, NVR, network camera, network speed dome and DVS via wireless network, play back record files and realize PTZ control as well.

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

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

1.2 System Requirements

iOS 3.2 or higher version, including iPad1, iPad2 and New iPad series products.

1.3 Conventions

In order to simplify the description, we define the "iVMS-4500 (V3.0) mobile client software" as "software" and "DVR, NVR, DVS, IP camera, IP speed dome" as "device" in the following chapters.

Chapter 2 Installing and Uninstalling the Software

2.1 Installing the Software

Steps:
1. Log into the **Apple Store**.
2. Enter "iVMS-4500 HD" to search mobile client software.
3. Download and install it to your iPad.
4. After having installed the software successfully, you can click icon to start the software.

2.2 Uninstalling the Software

Click and hold the icon in the program list until it changes to . Click to uninstall the mobile client software.

Chapter 3 Running the Software

After having installed the software successfully, click [icon] icon to run the software.

3.1 Interfaces Introduction

The software has three main functions, including Live View, Remote Playback and Configuration.
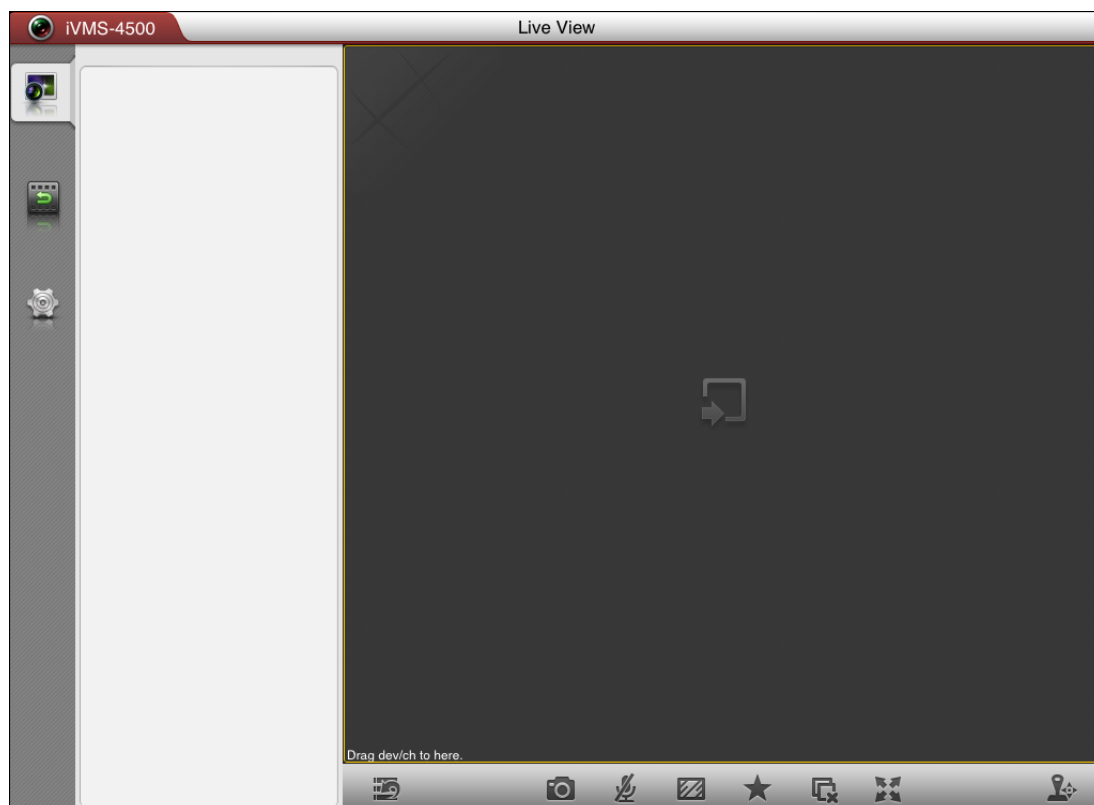
Icon Description

Icon		Descriptions
Live View		Live view and PTZ control
Remote Playback		Play back the recorded files.
Configuration	**Devices**	Display device list, add/delete/modify device, view device information, etc.
	Favorites	Define specific cameras and views to your favorites.
	Local Configuration	Configure password protection and

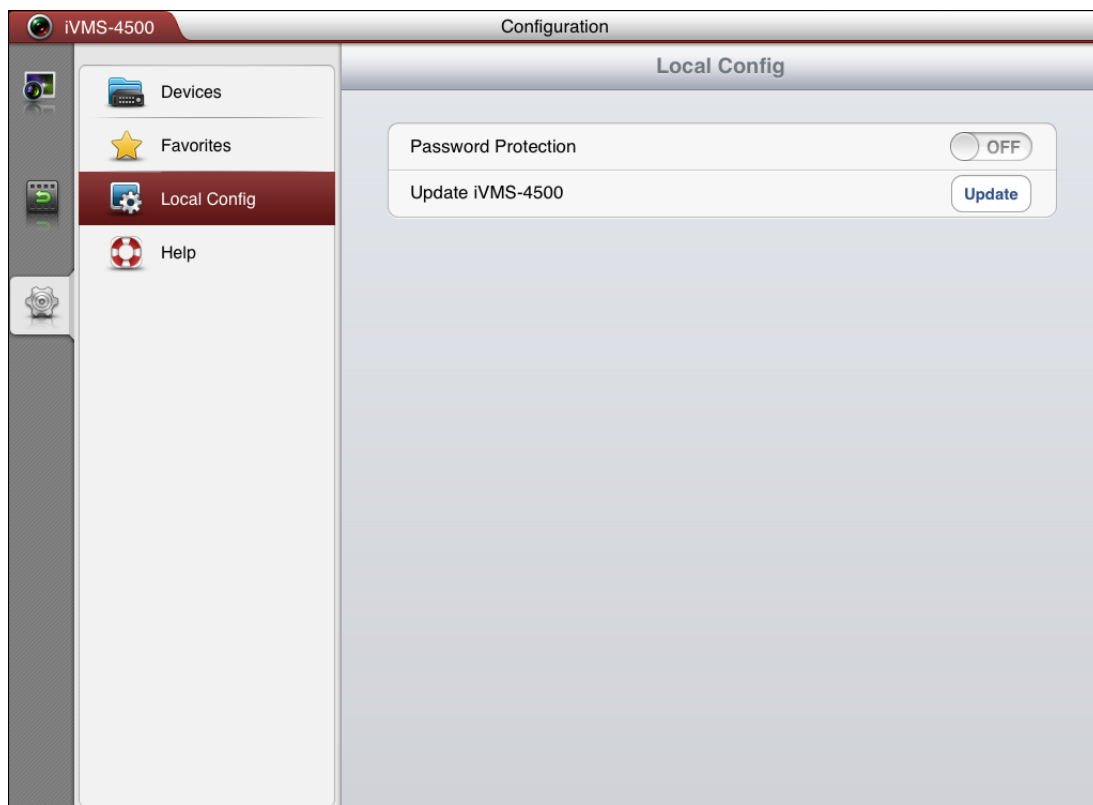|		software update.
	Help	View software's version information, quick operation guide and main features.

3.2 Password Protection

If you set password protection, then only the user that has the password can access the software.

Task 1: Enable Password Protection

Steps:

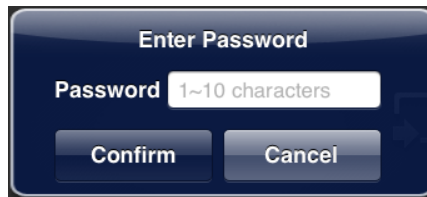1. Click ![icon] and select ![icon] to enter the Local Configuration interface.

2. Slide the ![OFF] to ![ON] in Password Protection item to activate password protection.

3. In the dialog box, enter the password for the software and click ![Confirm] to save the settings.

Next time, if you want to run the software, you need to enter the password to log in first.

Task 2: Modify the Password

Click and enter corresponding information to modify the password.

Task 3: Disable Password Protection

Steps:
1. Slide the to in Password Protection item to disable password protection.
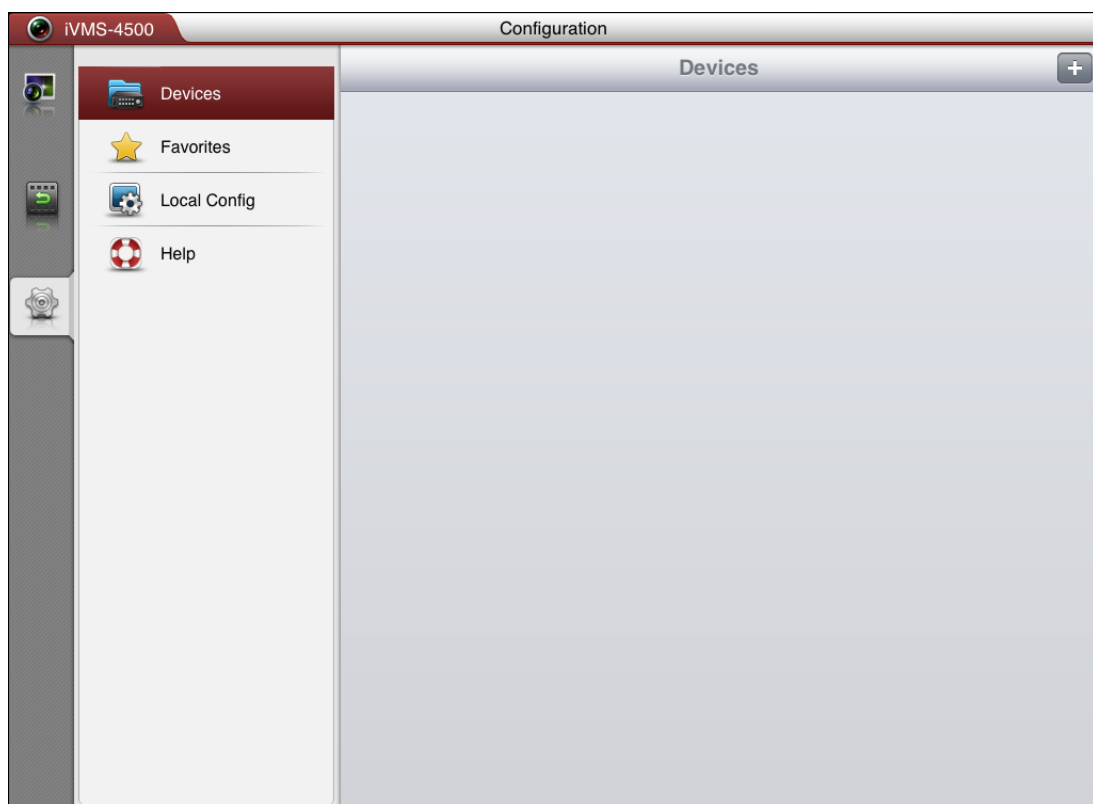2. In the pop-up dialog box, enter the password to confirm the settings.

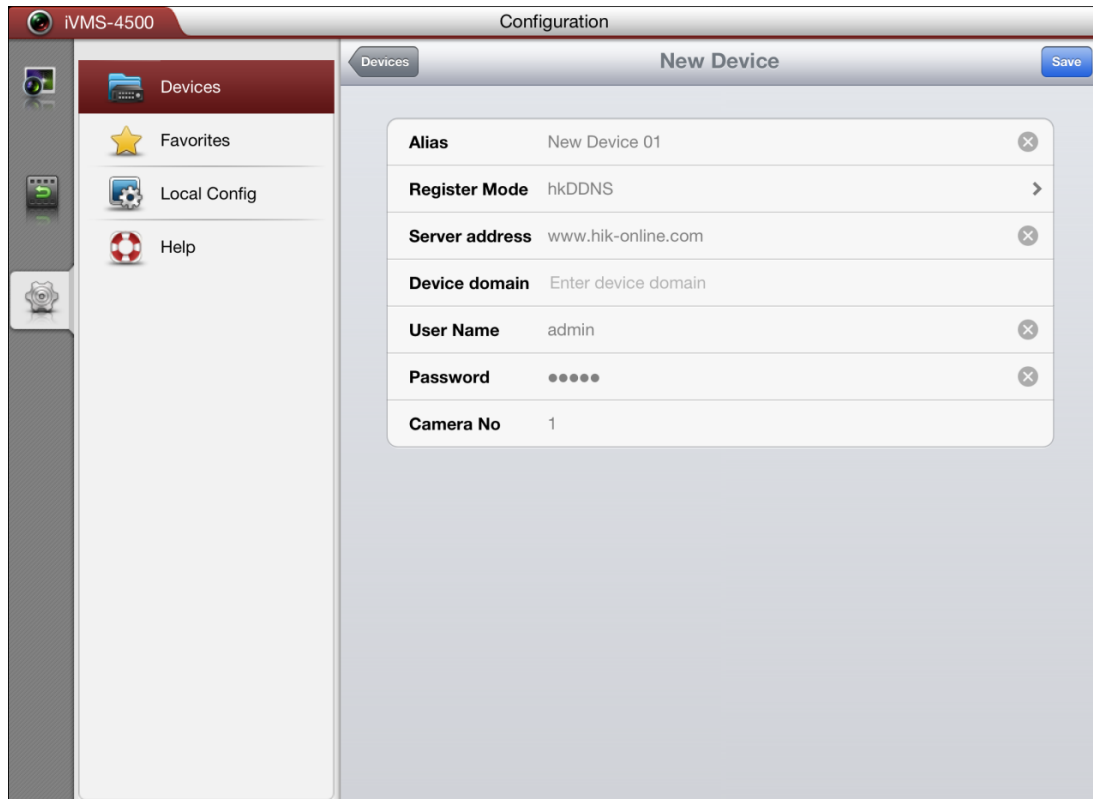# Chapter 4 Device Management

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 ⚙ and select 📷 to enter the Device Management interface.

2. Click ➕ to add a new device.

3. Edit the device name in the Alias field.
4. Click the **Register Mode** item to select the register mode of the device to hkDDNS, IP/Domain, or IP Server, and configure the corresponding settings.
   hkDDNS: When the device is registered on the hkDDNS server, you need to enter the hkDDNS 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 device name or device serial No..


5. Enter the login user name and password of the device to be added.

6. Click Save 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 100 devices can be added.

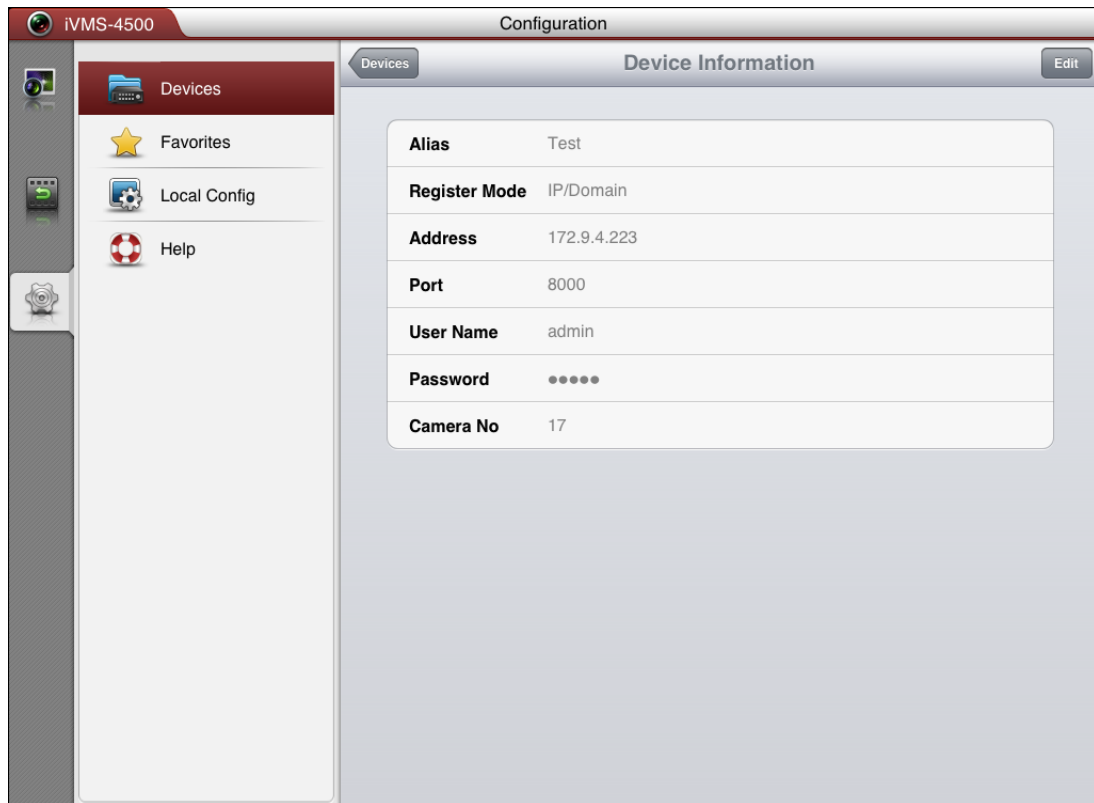Click Devices to return to the Device Management interface. The successfully added

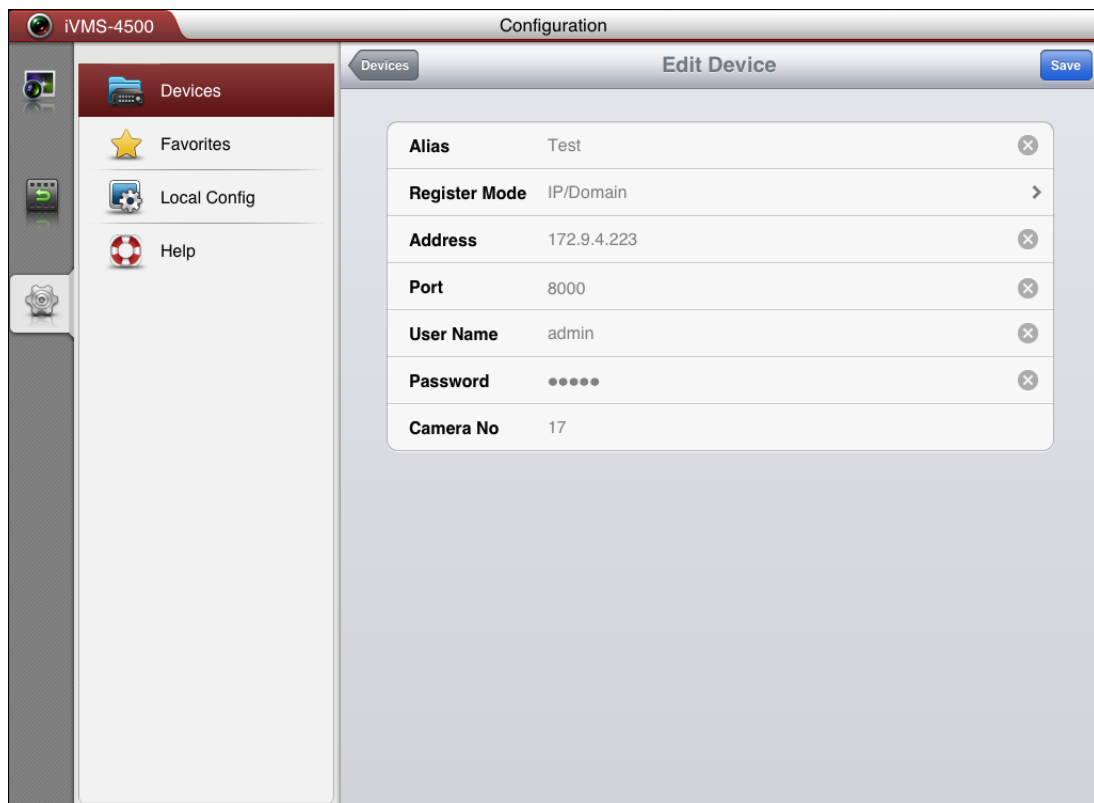new device will be displayed in the Device Management interface.
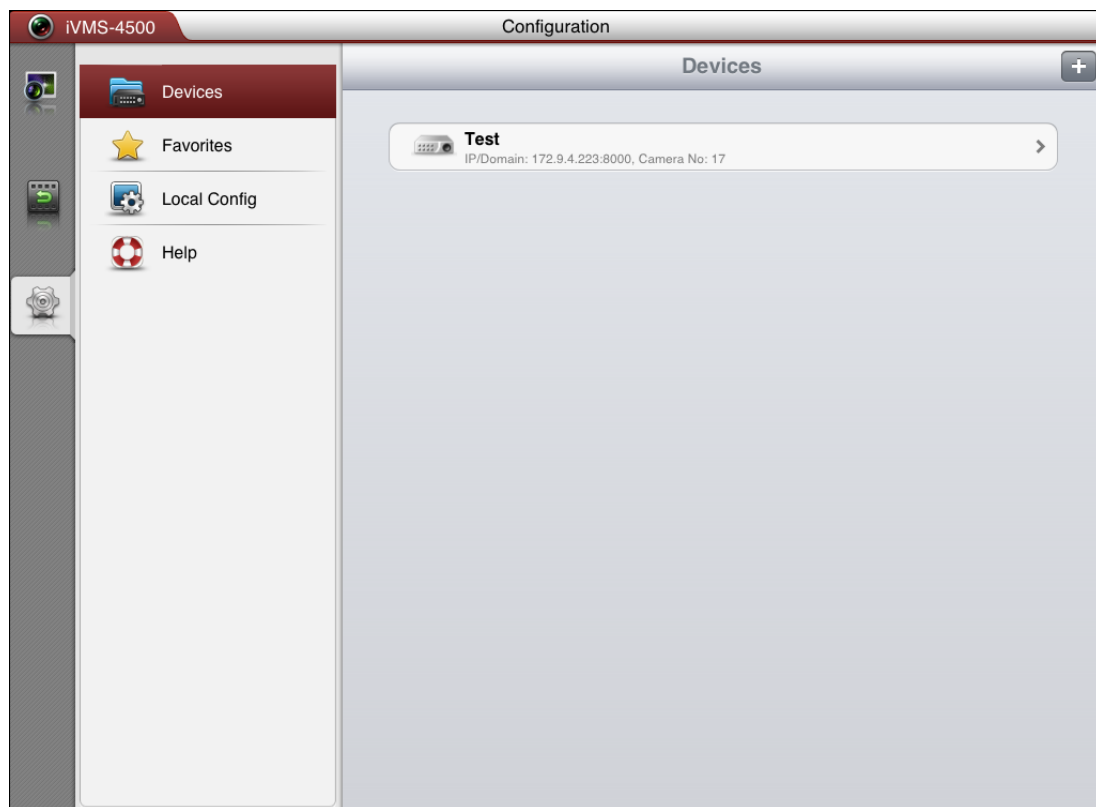
4.2 Modifying a Device

Steps:
1. In the Device Management interface, select a device and click the device item to view its parameters.

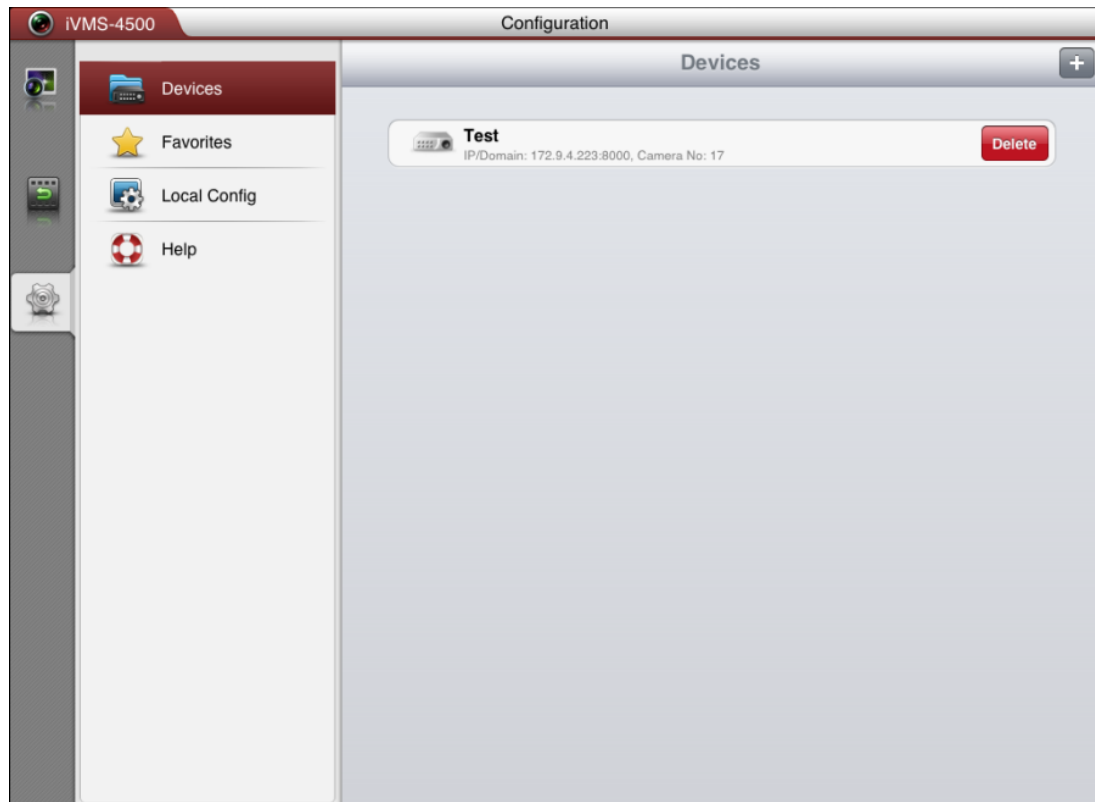2. Click [Edit] and then modify the parameters of the device according to actual needs.

3. Click [Save] to save the modification.

4. Click [Devices] to return to the Device Management interface.

4.3 Deleting a Device

In the Device Management interface, select a device and slide the item from right to left to access the [Delete] button. Click [Delete] to delete the selected device.
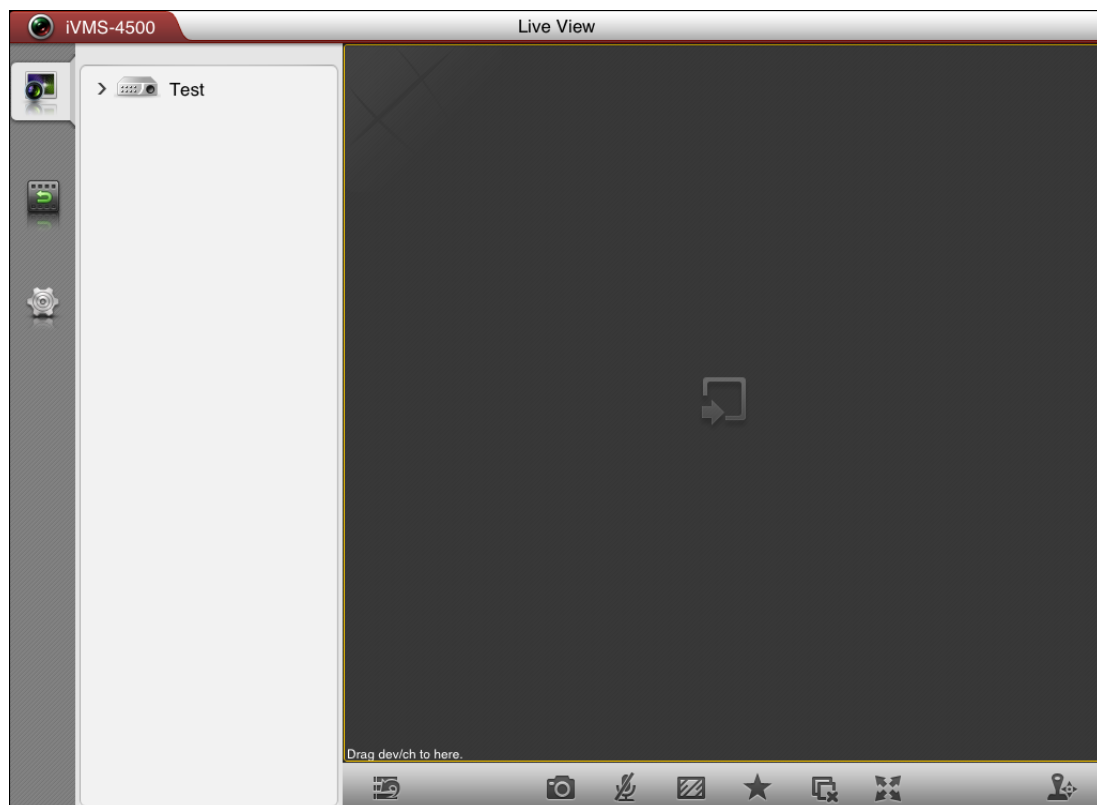
Chapter 5 Live View

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

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

Click ![icon] to enter the Live View interface and the screen will be displayed in 1-division mode by default.

Description of Live View Icons:

Icons	Descriptions	Icons	Descriptions
![icon]/![icon]	Hide/Show the device nodes	![icon]	Capture picture of the selected live view window
![icon]/![icon]	Start/stop two-way audio	![icon]	Set image quality to Clear, Balanced or Fluent
![icon]	Set favorite cameras and views	![icon]	Stop all the live view
![icon]/![icon]	Full-screen mode / Restore	![icon]	PTZ control

Start Live View

Click the device node to list all the cameras under it. Drag the camera node to the window for live viewing. Alternatively, you can drag the device node to the window for viewing all the cameras of the device.

Note: Up to 16 cameras can be live viewed at the same time. If you drag a device node that contains more than 16 cameras for live view, then the live videos of first 16 cameras will be played.
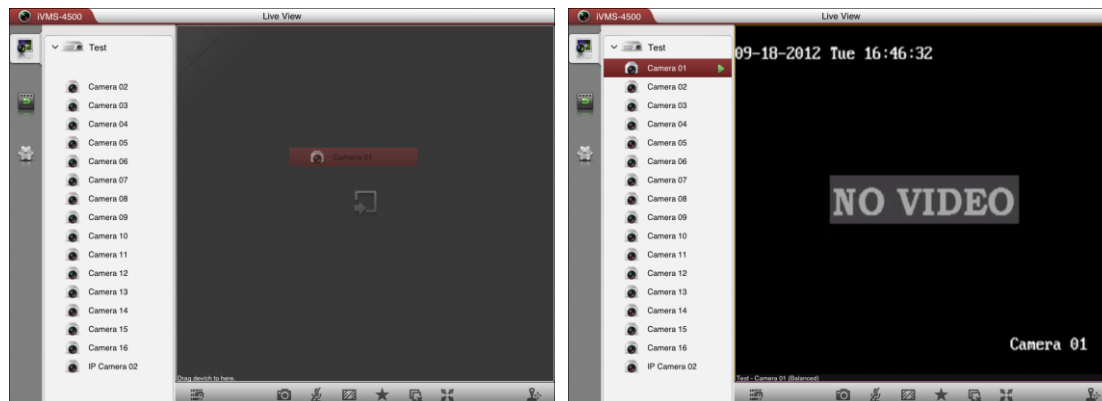

Image Quality

There are three kinds of image quality, including Clear, Balanced and Fluent (Clear means main stream of device. Balanced means the max resolution of sub stream. Fluent means the second resolution of sub stream). You can click ![icon] to adjust the performance according to your network status.


Window Division

When all the current windows are in live view, you can drag a more camera node to the live view window until the window division mode switches and then drag it to the free window for live view.

Note: The software supports 1 / 4 / 6 / 9 / 16-division mode.
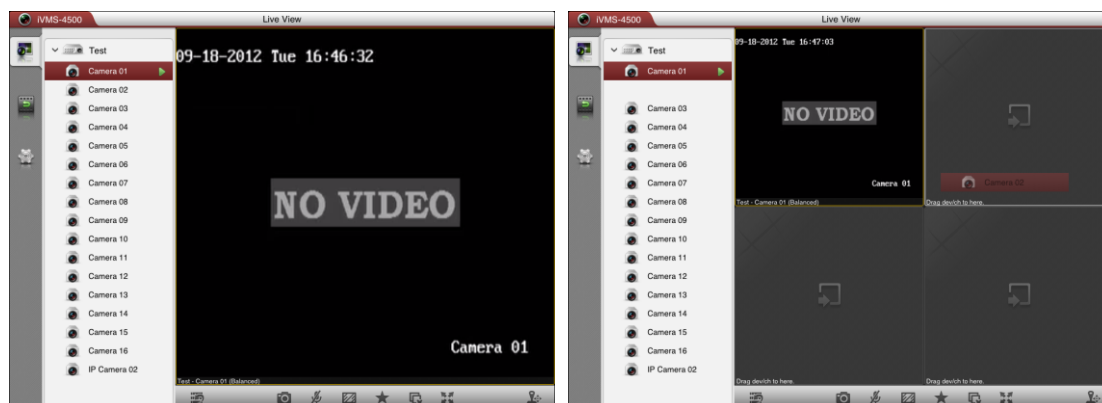
You can drag and move the window to adjust the window sequence. Double-click the

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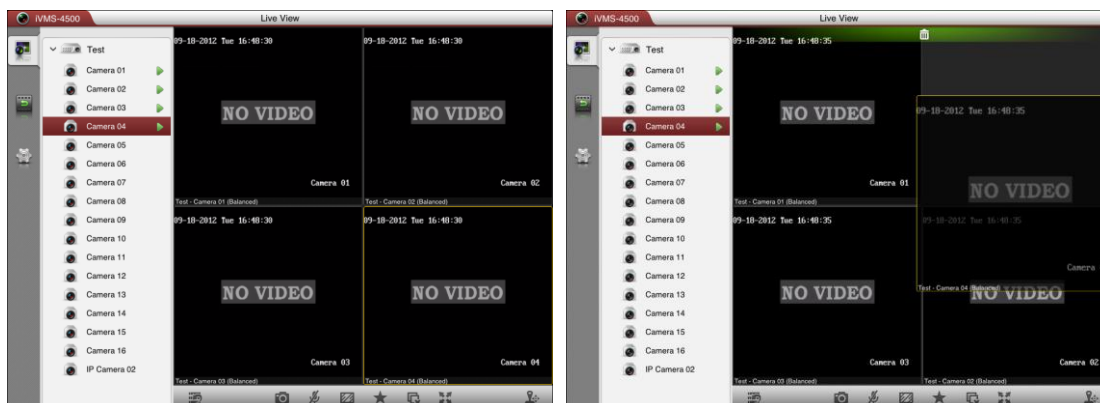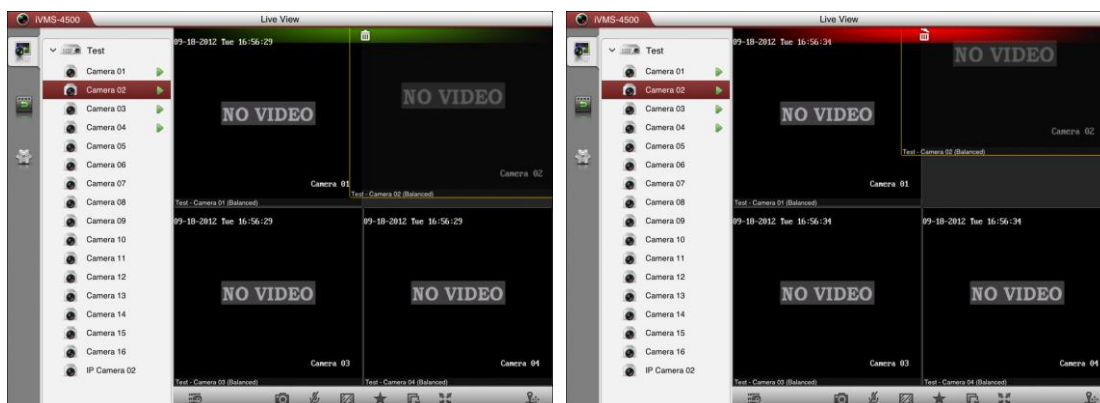

Stop Live View

During the live view, you can click ⬛ to stop all the live videos.

Or click and hold the live view window, the 🗑 will display in the top of the software.

Then drag the window to the 🗑 until it changes to 🗑 and then release the window. In this way, you can stop the specified live video.

## Configure My Cameras and Views

In live view mode, you can add the camera or view to the favorites so that you can access the camera or view conveniently.

Task 1: My Cameras

Select a window that is under live view. Click ★ and select My Cameras to add the camera to My Cameras.

The successfully added camera will be listed under My Cameras node in the device nodes area. In this way, you can easily view the camera by dragging it from My Cameras node to the window area.
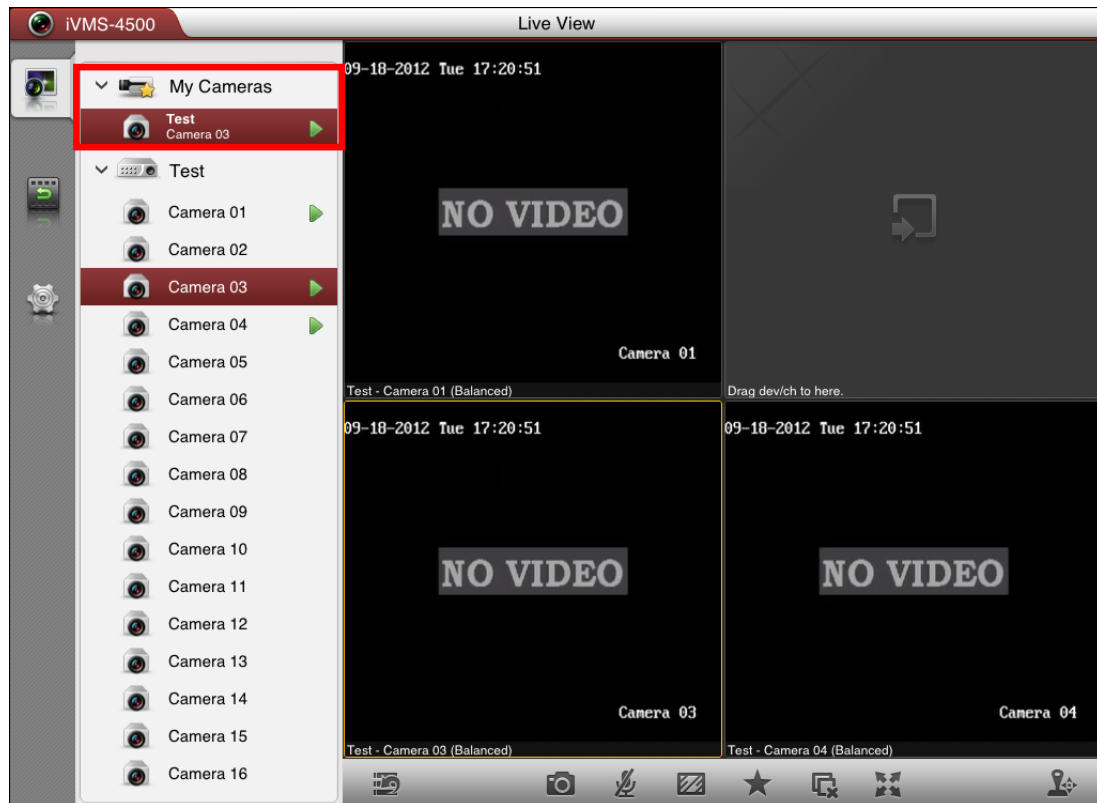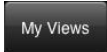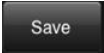
Task 2: My Views

You can add the current view information to My Views.
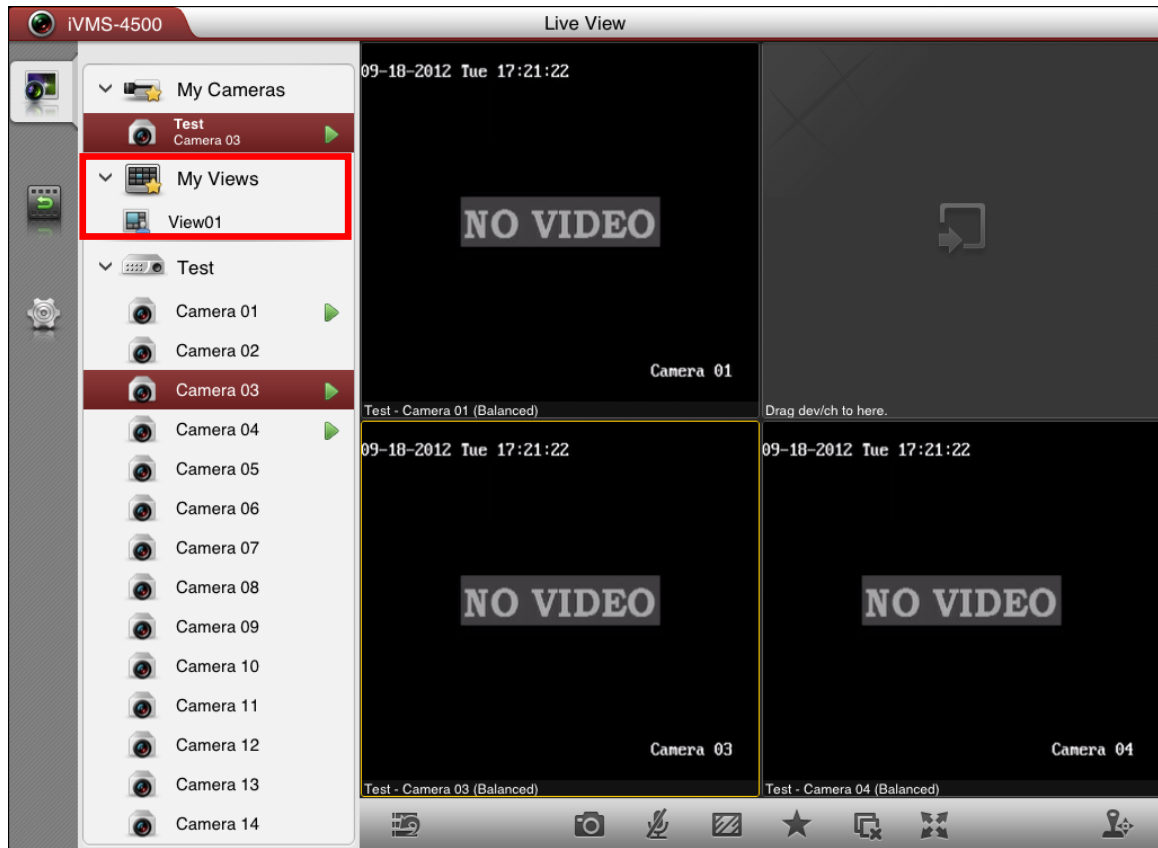
Steps:

1. Click ⭐ and select ⬛My Views.

2. In the pop-up dialog box, edit the name for the view.

3. Click ⬛Save to confirm the settings.

After that, you can see the view listed under My Views node in the device nodes area. You can drag it to the window area to easily access the common view.
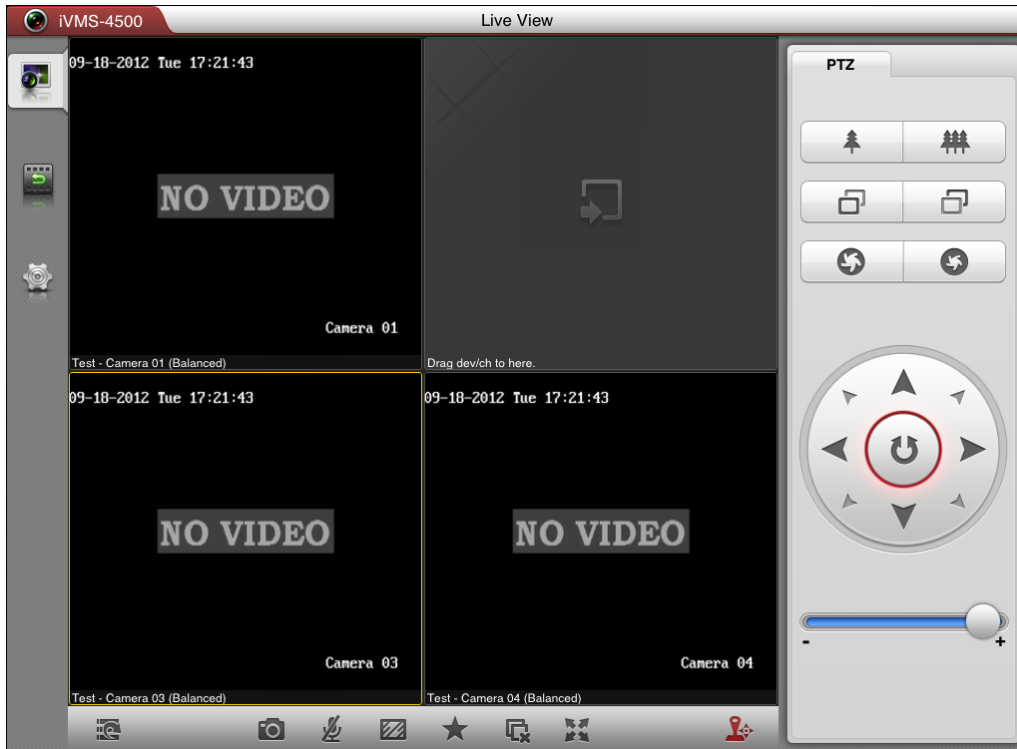
Capture

In live view mode, select the live viewing window and click the [camera icon] to capture a picture.

Note: The captured pictures are saved in the *photo* folder of your iPad by default. You can access the directory to view or delete the pictures.

PTZ Control

In live view mode, click [PTZ icon] to activate PTZ control panel, and the [PTZ icon] icon changes to [PTZ icon].

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

Icons	Descriptions	Icons	Descriptions
🌲	Zoom+	🌲🌲	Zoom-
⬜	Focus+	⬜	Focus-
⚙	Iris+	⚙	Iris-
(PTZ control)	Click the button to control PTZ movements or start auto-scan.	(slider)	PTZ steps for adjusting the pan/tilt movement speed.

After completion of PTZ control, click 🔻 or slide the PTZ panel to the right side to hide the PTZ control panel.

Full Screen Live View

During live view, you can click 🔳 to enter the full-screen mode.

Description of Icon

| Icons	Descriptions	Icons	Descriptions
	PTZ control. Slide the button to control PTZ movements.	📷	Capture picture of the selected live view window
⬛	Stop all the live view	▨	Set image quality
🎙	Start two-way audio	⛶	Restore

Chapter 6 Playback

You can search the recorded video files from the remote storage device for playback.

Start Playback

Steps:

1. Click ![icon] to enter the Remote Playback interface.
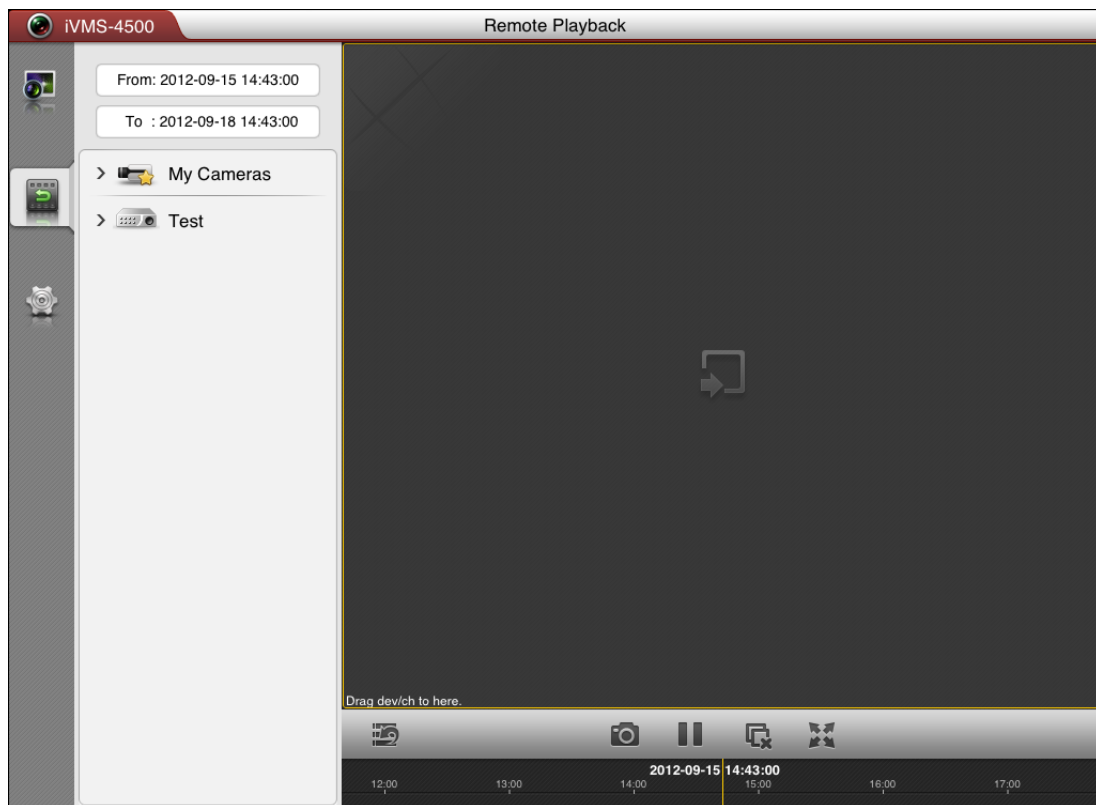
2. Set the start time and end time in the **From** and **To** text filed to define the search condition.
3. Drag the device node or camera node to the display window for playback.
   Notes:
   1) You can view the playback of up to 4 windows at the same time.
   2) Only the camera with record during that period can be played back successfully.
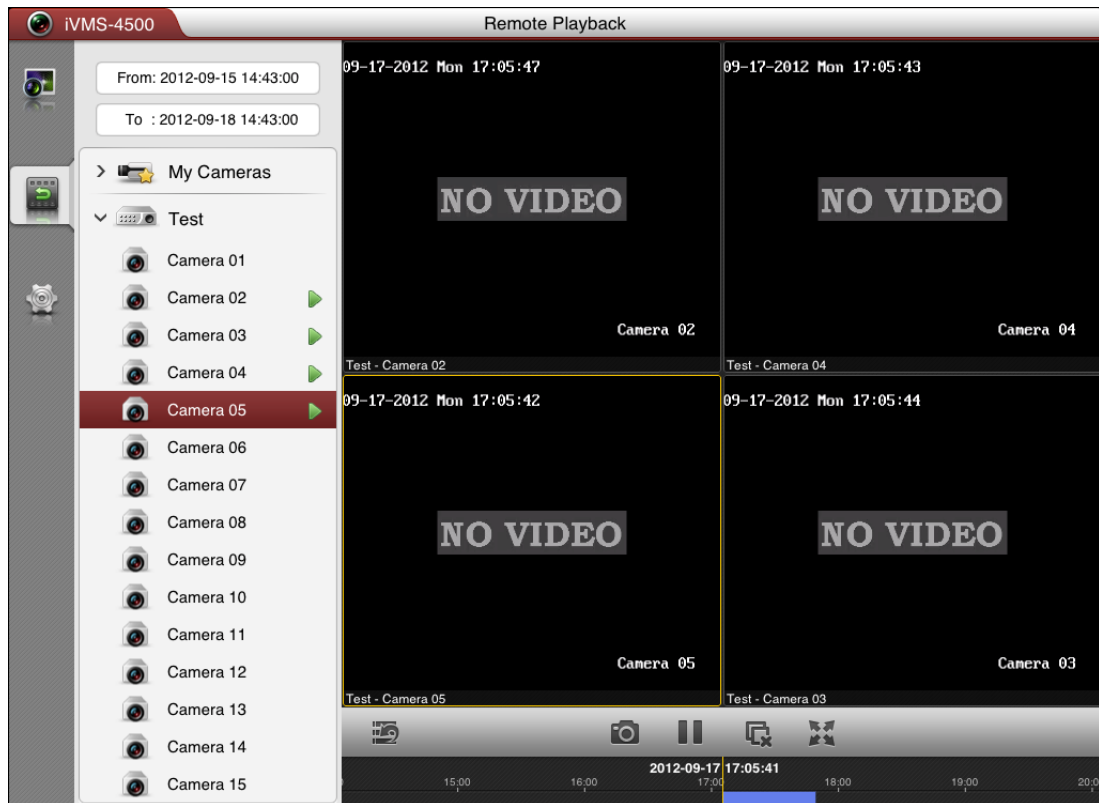
4. In 4-window mode, you can drag and move the window to adjust the window sequence. Double-click the playback window to display the camera in 1-division mode and double-click again to restore.
5. You can slide the time line bar to adjust the playback time of the selected window.
6. You can also click ▮▮ to pause the playback of the selected window.
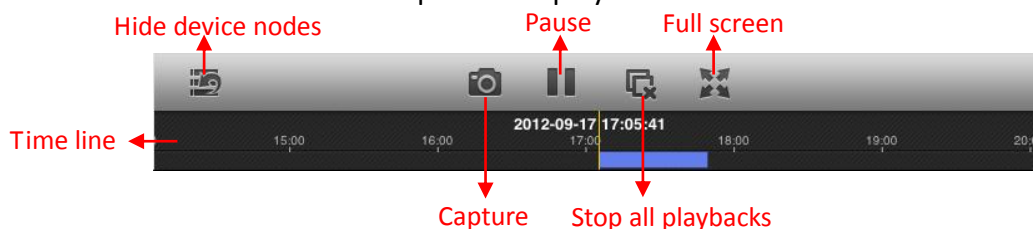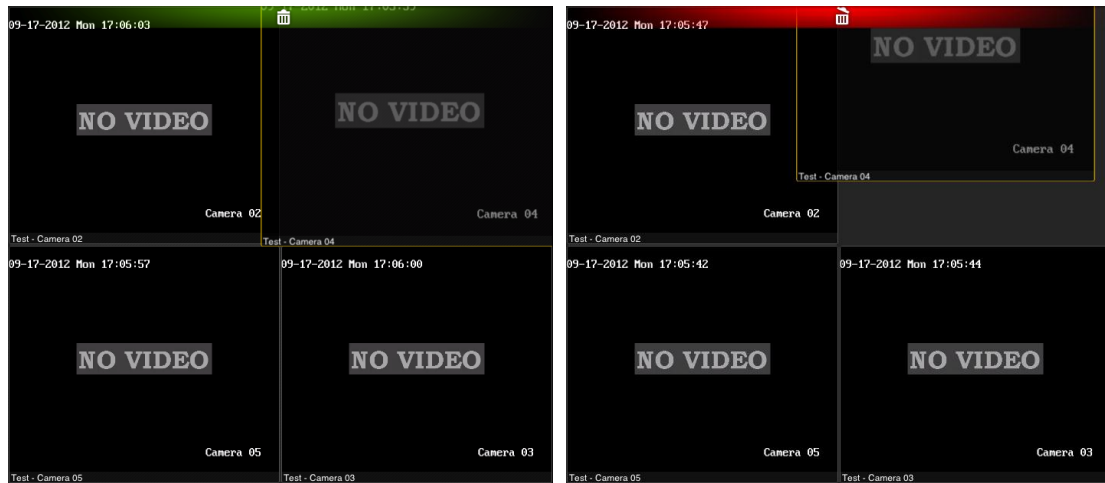

Stop Playback

There are two ways available for stopping the playback.

You can click ⬚ to stop playback of all the windows.

Or you can click and hold the playback window, the 🗑 will display in the top of the

software. Then drag the window to the 🗑 until it changes to 🗑 and then release

the window. In this way, you can stop the specified playback window.

Capture

During the playback, you can click to capture pictures of the selected window.

Note: The captured pictures are saved in the *photo* folder of your iPad by default. You can access the directory to view or delete the pictures.

Full Screen Playback

During playback, click to enter the full-screen mode.

Description of Icon

| Icons	Descriptions	Icons	Descriptions
⏸	Pause the playback	📷	Capture picture of the selected playback window
⛶	Restore		

Chapter 7 Favorites

The **Favorites** function can be used for management of My Views and My Cameras to make the live view of commonly used cameras and views more easily and conveniently.

My Cameras: You can collect the commonly used cameras.

My Views: You can collect the commonly used views.

Note: For adding cameras or views to the favorites in live view mode, please refer to **Configure My Cameras and Views** in *Chapter 5*.

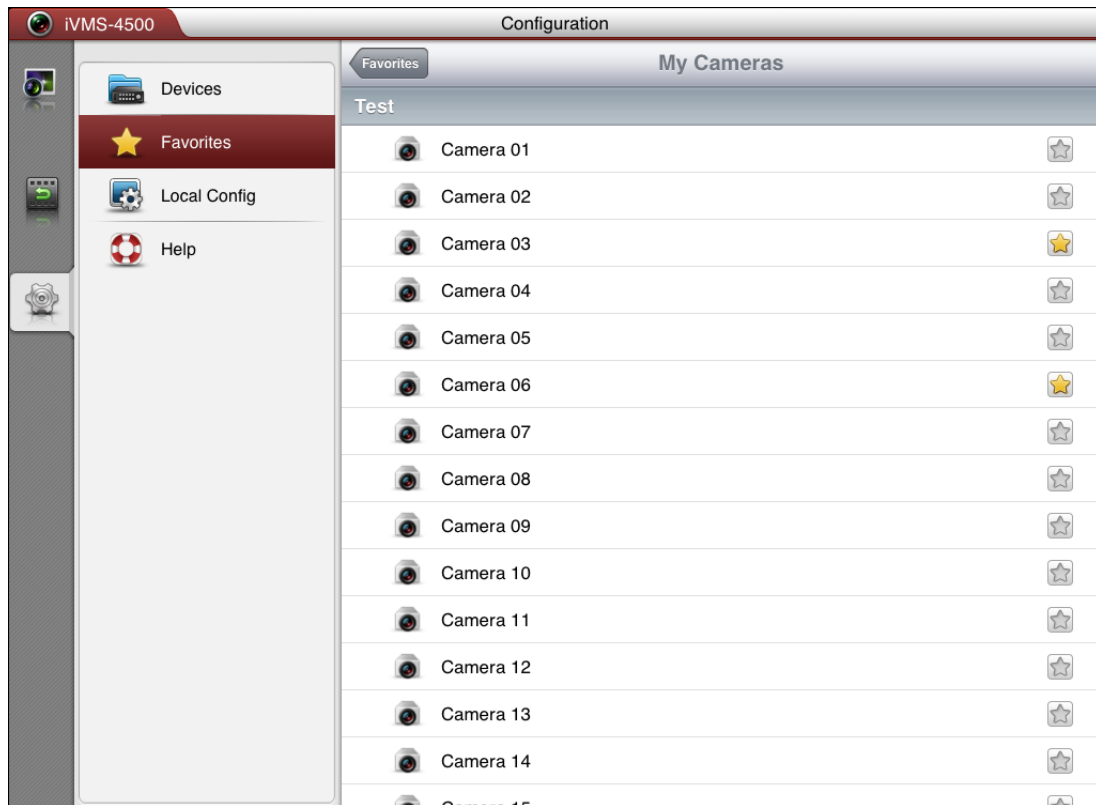Click and select to enter the Favorites interface.
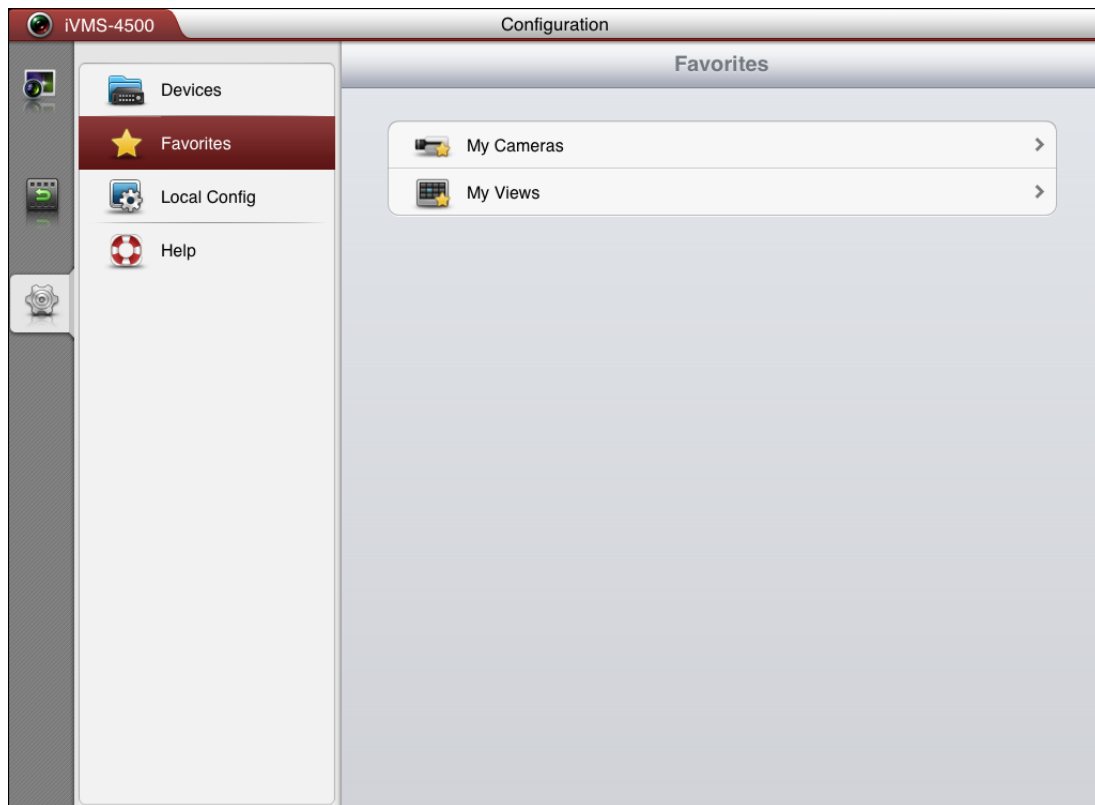
Task 1: My Cameras

Steps:

1. Click **My Cameras** to enter My Cameras interface. All the cameras of the added devices will be listed.

2. The cameras that have been added to My Cameras will be marked with ⭐.
3. Click ☆ to add the camera to My Cameras. Or click ⭐ to remove the camera from My Cameras.

4. You can click [Favorites] to return to the Favorites interface.

Task 2: My Views

Steps:

1. Click **My Views** to enter My Views interface. You can see all the added views.

2. You can click [🗑] to delete the view as desired.

3. For adding views to My Views, please refer to **Configure My Cameras and Views** in *Chapter 5*.
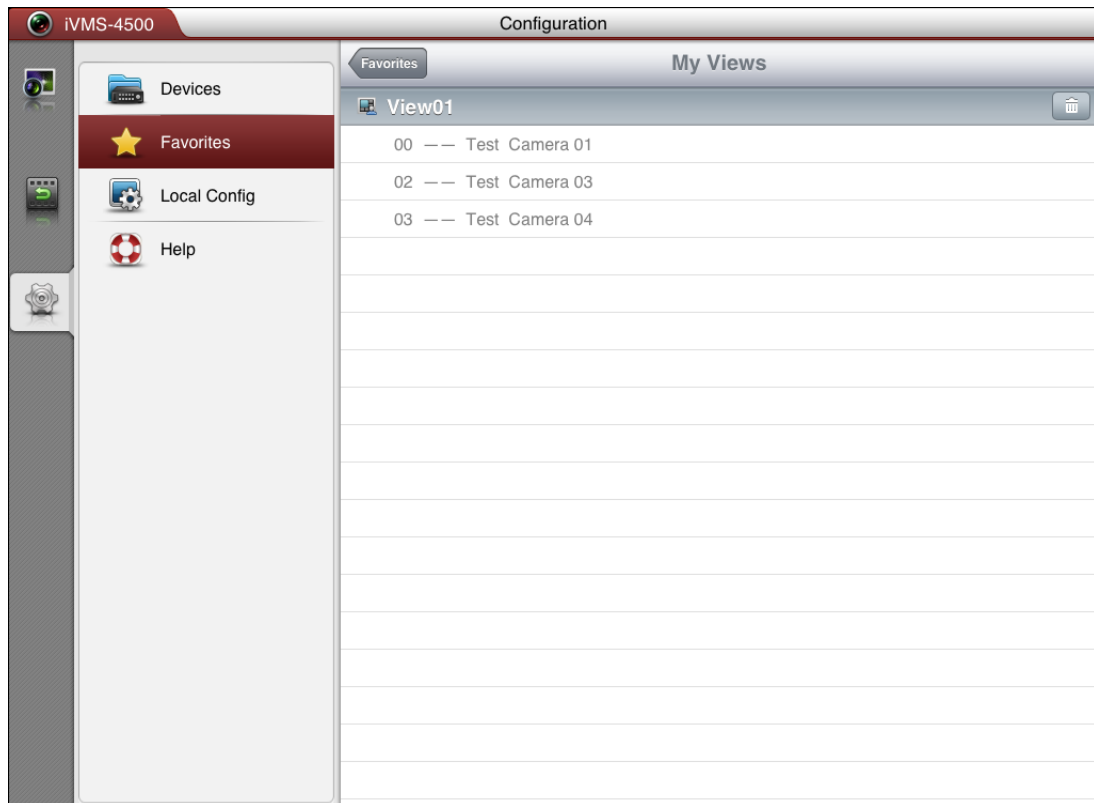
4. You can click [Favorites] to return to the Favorites interface.

   Note: Up to 32 views can be added to My Views.

All the successfully added cameras and views will also be listed under My Cameras node and My Views node in the device nodes area in the Live View interface.

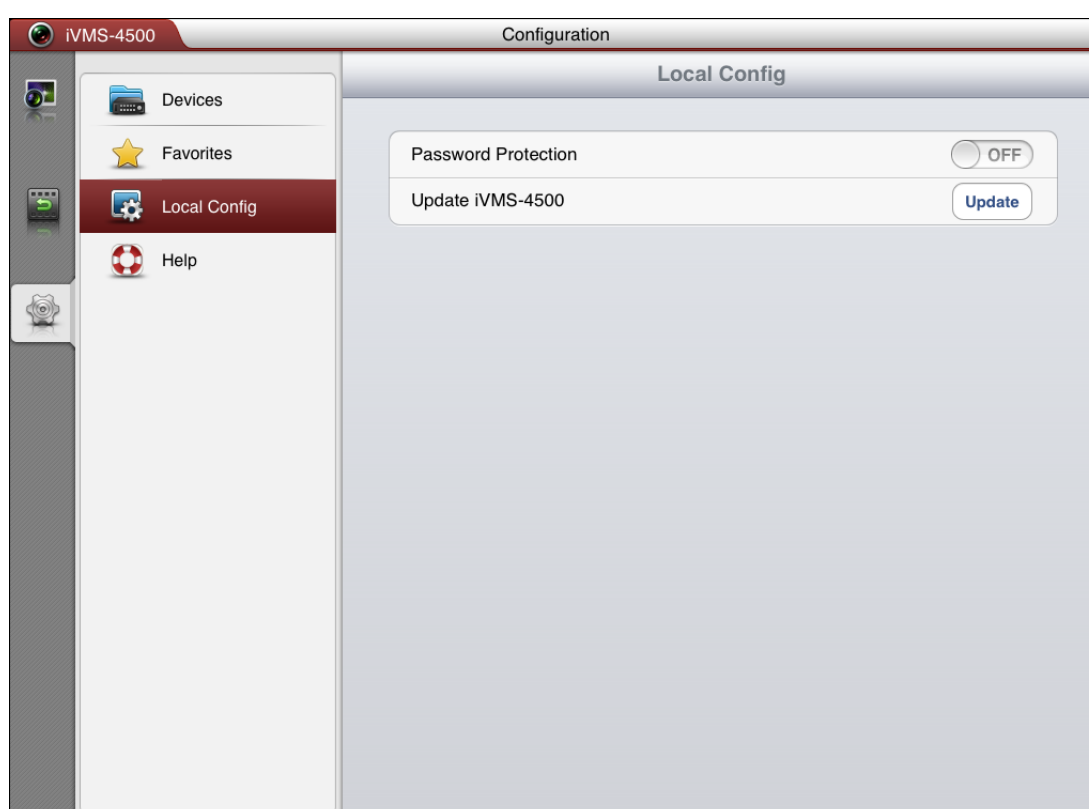# Chapter 8 Others

Update the Software

When there is a new version available in the App store, the software will prompt you to update the software. You can confirm to update the software immediately. Or you can cancel it and perform the following steps to update the software next time as desired.

Steps:

1. Click [icon] and select [icon] to enter the Local Configuration interface:

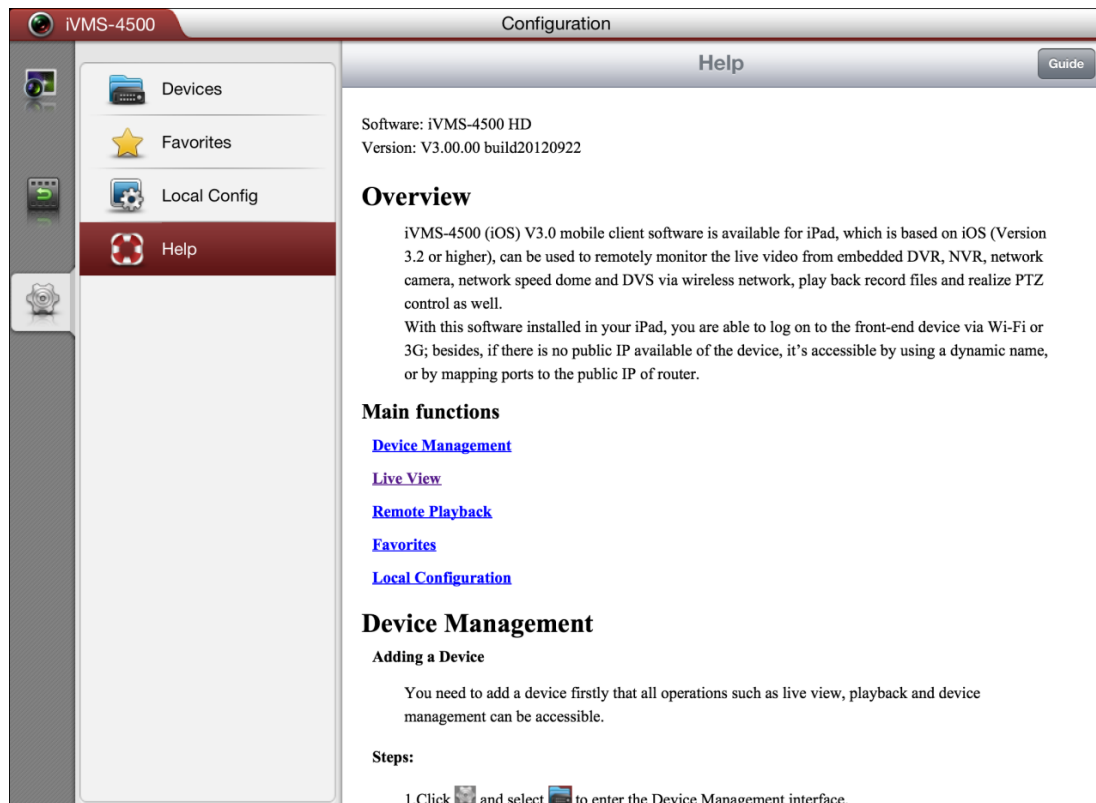2. Click [Update] to enter App store to update the software.

   Note: The [Update] button is only available when here is a new version available in the App store.

Help

Steps:

1. Click [icon] and select [icon] to enter the Help interface. You can view the version information and the quick operation guide of the software.

2. Click to view the main features of the software.

Chapter 9 Troubleshooting

● ***What kinds of devices are compatible with iVMS-4500 (iPad) mobile client software?***
The devices which adopt H.264, MPEG4 or MJPEG video compression are compatible with this software.

● ***Why does the mobile client software prompt 'login failed' when access to the device via Wi-Fi?***
Please check whether the Wi-Fi parameters are configured properly in your iPad.

● ***After starting viewing the live video, why does the responding of the mobile device becomes very slow and the video is easy to get stuck?***
This problem may due that the lower performance of your iPad, please try to view less cameras at the same time, or decrease the frame rate and resolution, you may refer to the following parameter settings.