



M-VMS

User Manual

V2.01



More in Sight

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Chapter I Introduction

1.1 M-VMS Introduction

The M-VMS app provides a powerful mobile surveillance tool that enhances security by providing administrators the flexibility to monitor the live video from the NVR via wireless network. It's a video management system that works with the NVR to provide video monitoring. The interface is simple and intuitive, with easy access to the most common activities, such as viewing live video, recorded video playback.

This manual describes how to use and manage the M-VMS in your networking environment. Some knowledge of networking environments would be beneficial to the reader.

Should you require any technical assistance, please contract authorized service center.

1.2 Key Features

- ✧ Support up to 16 channels playing simultaneously
- ✧ Full screen for single or 4 channels playing synchronously
- ✧ Support digital zoom
- ✧ Multiple play status display
- ✧ Support image capture/video recording functions
- ✧ File management
- ✧ H.264 video compression
- ✧ Support dual-stream
- ✧ Support multiple PTZ control protocols
- ✧ Support IOS handheld device
- ✧ Support WIFI/3G/4G network

1.3 Performance Overview

APP	Stream Type	1st stream or 2nd stream
	Codec Type	H.264
	Frame Rate	Up to the mobile device and the camera model
	Frame Size	Up to the camera
	Bit Rate	16 Kbps -4096Kbps(up to the network environment)

Chapter II Installation

2.1 System Operating Environment

OS: IOS 6.0 or above

2.2 Installation Guide

Download from the APP store and install directly.

Chapter III Operations and Settings

3.1 Login M-VMS

Click on the icon '' to open M-VMS, window will pop up as below.

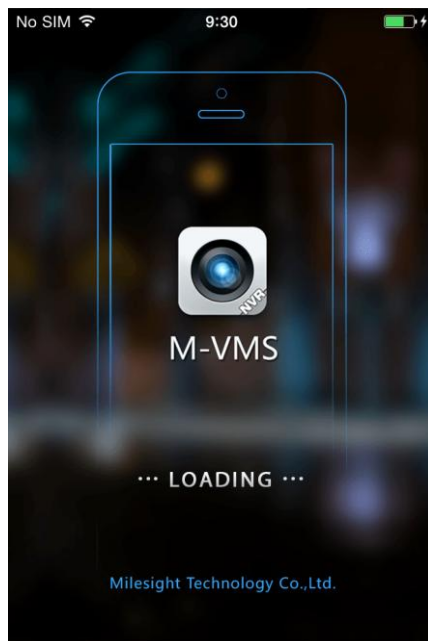


Figure 3.1

3.2 Settings

When you login M-VMS, it will pop up the window:

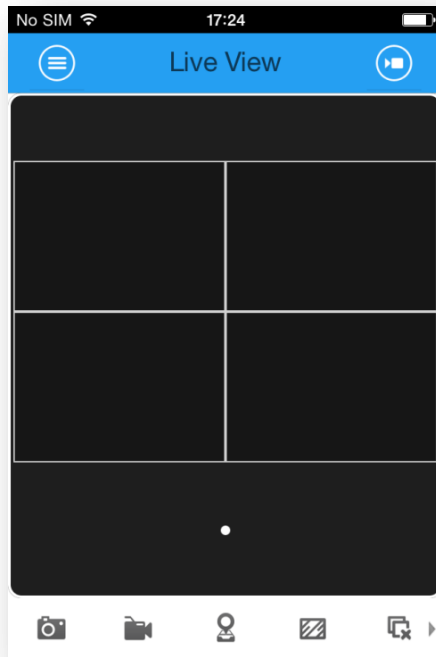



Figure 3.2

Click on the button  to pop the menu:

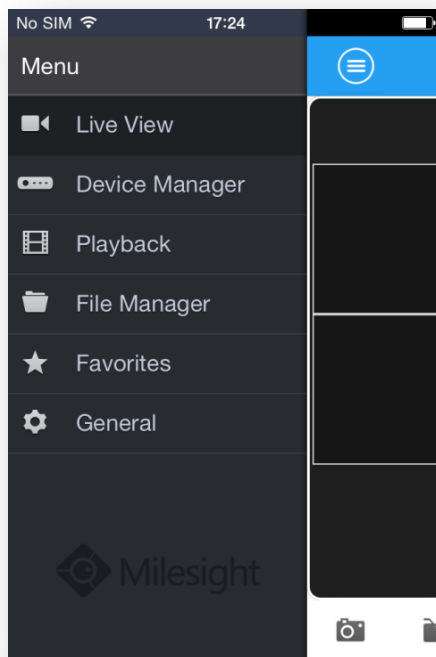








Figure 3.3


You can choose the LiveView/Device Manager/Playback/File Manager/Favorites/General settings here. Details as follow:

Icon	Description
------	-------------

 Live View	Live video preview		
 Device Manager	Add/Delete/Edit the camera		
 Playback	Playback the recorded videos on the HDDs of the NVR		
 File Manager	Manage the snapshots and recorded videos on the mobile device		
 Favorites	Quick way to preview specific video channel		
 General	Password Protect	Set passwords to protect this APP from being used by others	
	help	Details to use this app	
	about	New feature	New Feature in the new version
		Check update	Check the new version on-line and update
		Contact us	Ways to contact us

3.3 Device Manager

3.3.1 Add Device

Click '' to add a NVR. The register type can be chosen as IP/Domain or IP/Server, details as follow:

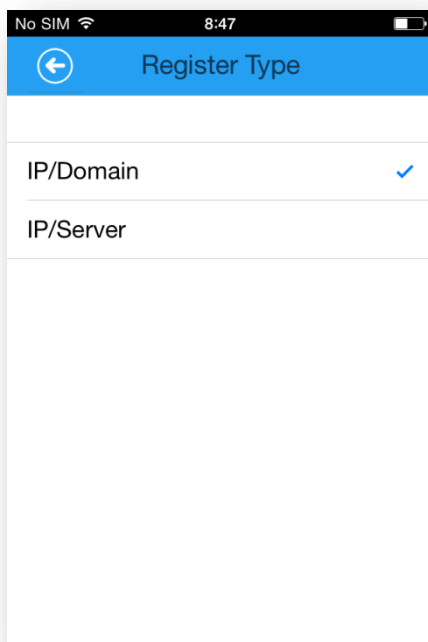


Figure 3.4

(1) Add the NVR via IP/Domain type. Enter the NVR name, IP address, username, password and the server port. E.g.:

Name: Device 1

Address: 192.168.5.168

Port:1100

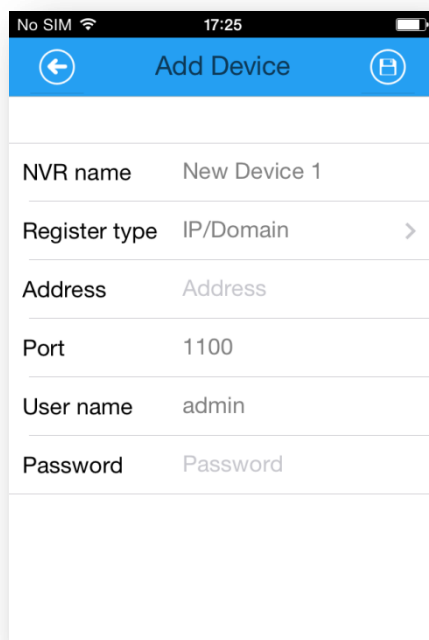



Figure 3.5

Click on the  button to save the device info. It will connect to the NVR automatically. If

the device is added successfully, it will pop up a window as below.

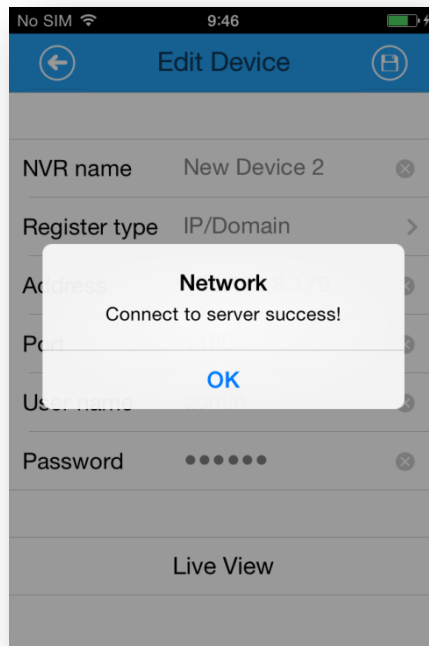



Figure 3.6

Click on the  button to return.

(2) Add the NVR via IP/Server type. Enter the right serial number of the NVR, username and the password. E.g.:

Name: Device1

Device ID: 5004110054

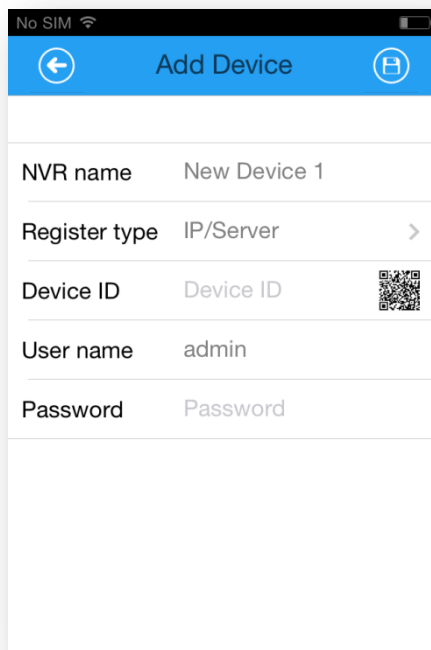



Figure 3.7

Click on the '  ' button to save the device info. It will connect to the NVR automatically.


Click on the '  ' button to return.



Note:

1. For IP/Server, you need to register first, you can contact with Milesight, otherwise it will be failed to add;
2. Before connect IP/Server, please make sure it's able to connect to the Internet.

3.3.2 Edit Device

Click on the '  ' button of the device you want to choose, it will show the device info in another page.

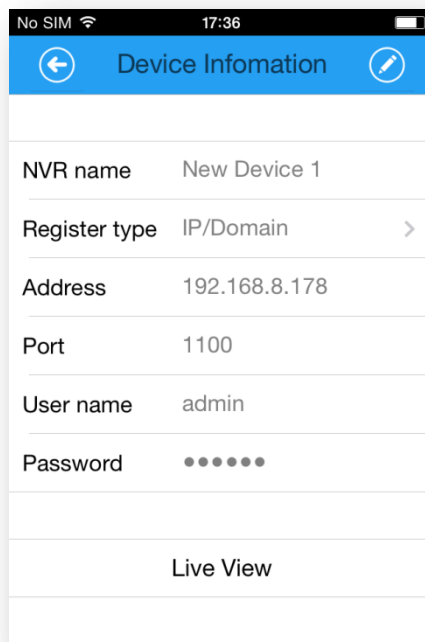



Figure 3.8

Step1: Click on the '  ' button, and you can edit the information of the device.

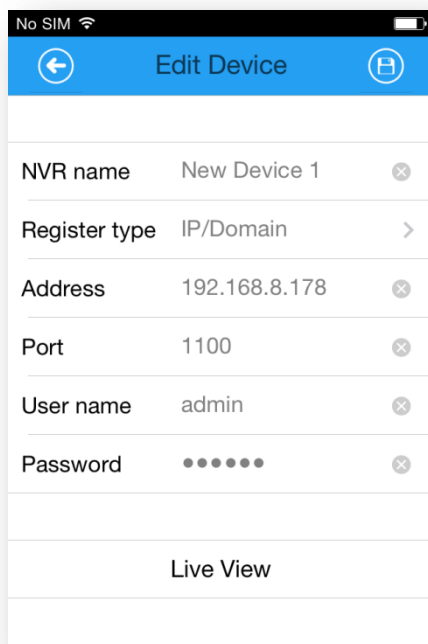





Figure 3.9

Step2: Choose the column which you want to change.

Step3: After changed, click on the '  ' to save the info or click on the '  ' to quit.

3.3.3 Delete Device

On the 'Device Manager', slide the device left, and it will pop up the button '  ', touch it and the device will be deleted

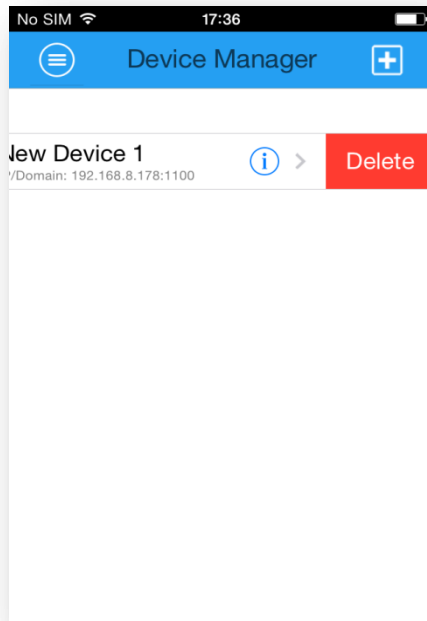


Figure 3.10

3.4 Live View

3.4.1 Live View Mode

Click on the column  to get the live video, details as follow:

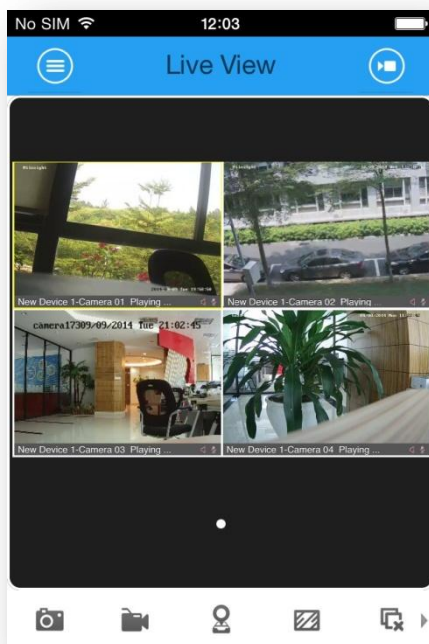













Figure 3.11

Option	Description
	Expand/Pack up the menu
	Device List/Return to the preview
	Snapshot
	Disable/Enable PTZ
	Image adjustment Off/On
	Disable/Enable Video Record
	Stop all preview/restart all preview
	Turn off/on audio
	Turn off/on audio speaker
	Enable/Unabled Digital Zoom

3.4.2 Start/Stop Video Preview

Start video preview

Click on the button  to go to the 'Channel' page, tick the NVRs or cameras which you want and click 'play' to preview.

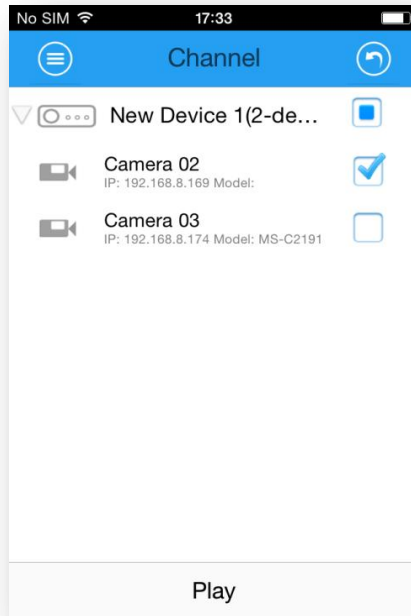


Figure 3.12

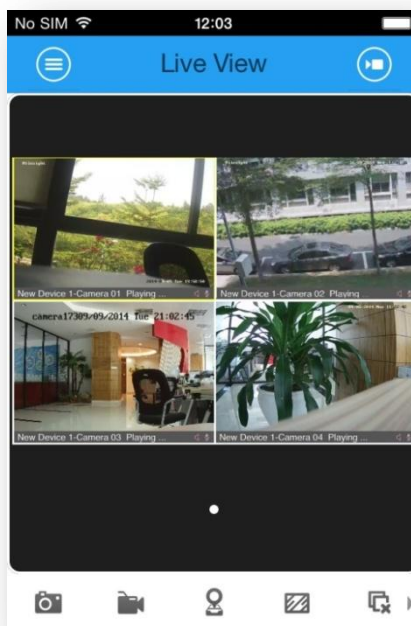


Figure 3.13



Note:

- 1. Support 4 channels live view synchronously, when the total channels are more than 4, it will divide into another page, slide left or right to preview more;
- 2. Only support up to 16 channels for live view. If adding more than 16 cameras on the list, it will only show 16 camera live view in 4 pages.

Stop video preview

1. Stop single preview.

Step1:

Press on the window which you want to stop preview, and then it will appear the button

‘’ on the top

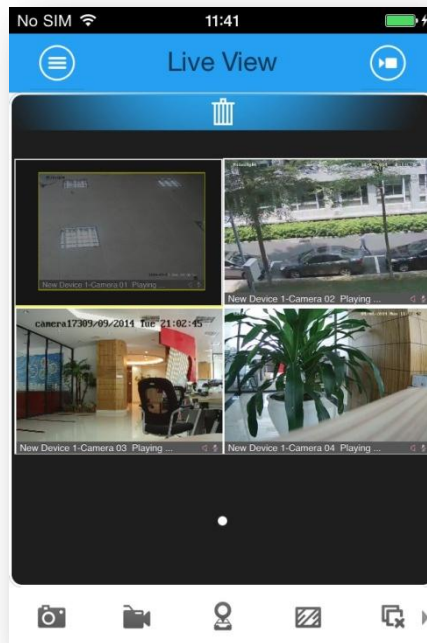


Figure 3.14

Step2:

Drag the window to the top, release to delete when the icon ‘’ change into

‘’.

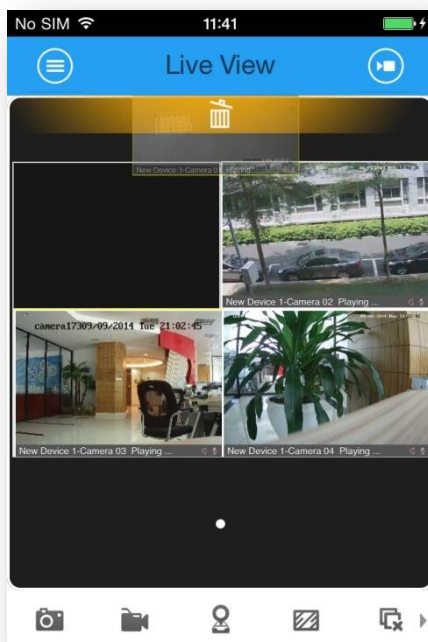


Figure 3.15

2. Stop all previews.

Click on the button  to stop all preview.

3.4.3 Preview Window

Double-click on the chosen window to see individual live view windows. Double-click again to turn back.

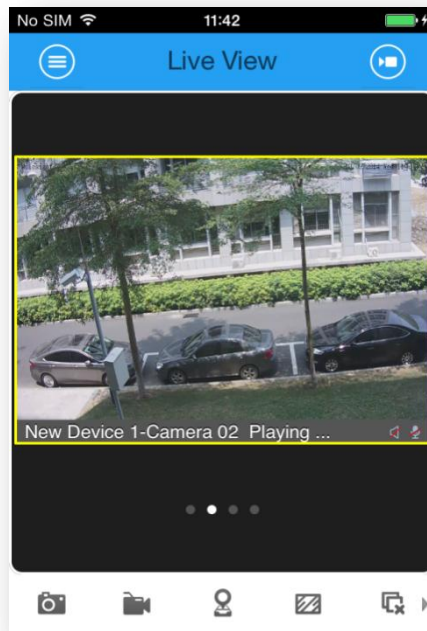


Figure 3.16

3.4.4 Preview Control

Under the live view mode, lateral reversing the mobile device, it will change into the full screen mode. Double-click on one of the windows. It will change into single view in full screen too. Slide left or right to go to the previous or next page. All the operations are similar to vertical screen mode.

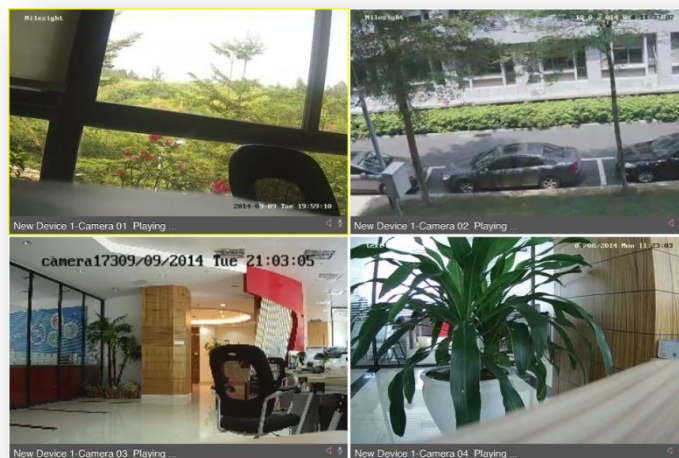


Figure 3.17

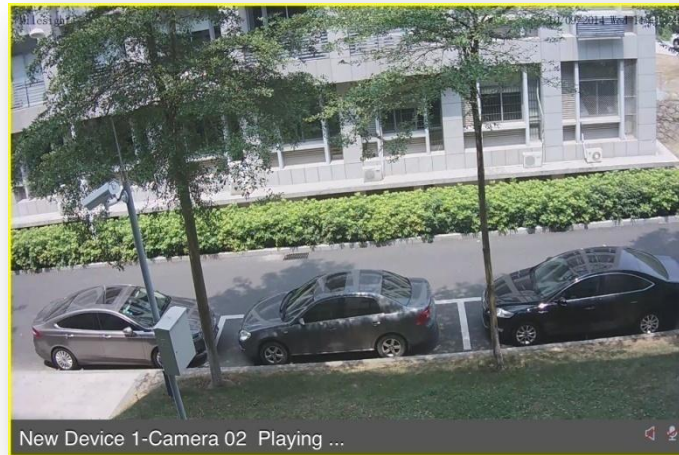



Figure 3.18

Details about the icons:


1. Snapshot

Choose one of the window, click on the button '

2. Record

Touch the '

3. PTZ

If the camera supports PTZ, click on the button '16

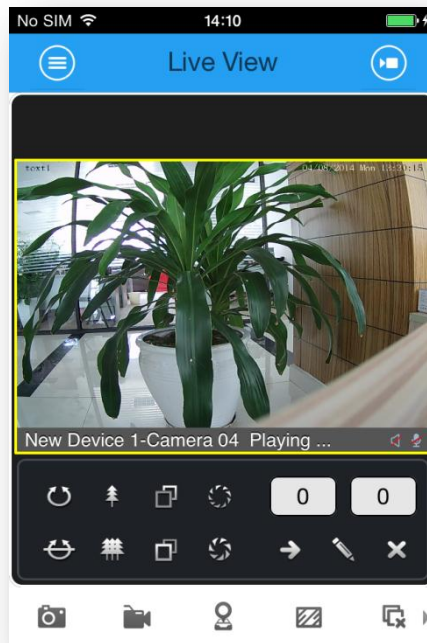



Figure 3.19

Option	Description	Option	Description
	Auto PTZ		Stop auto PTZ
	Zoom +		Zoom -
	Focus+		Focus-
	IRIS-		IRIS+
	Go to preset		Save preset
	Delete preset		Preset (1-10)

4. Image quality

Click on the button , it's able to adjust the image quality, primary stream or secondary stream, by manual, according to different network environment.



Note: You are able to play the main stream or the second stream, but it's up to the network environment and the hardware configuration of the mobile device. Main stream provide a perfect image but requires a better network environment, while second stream requires the opposite.

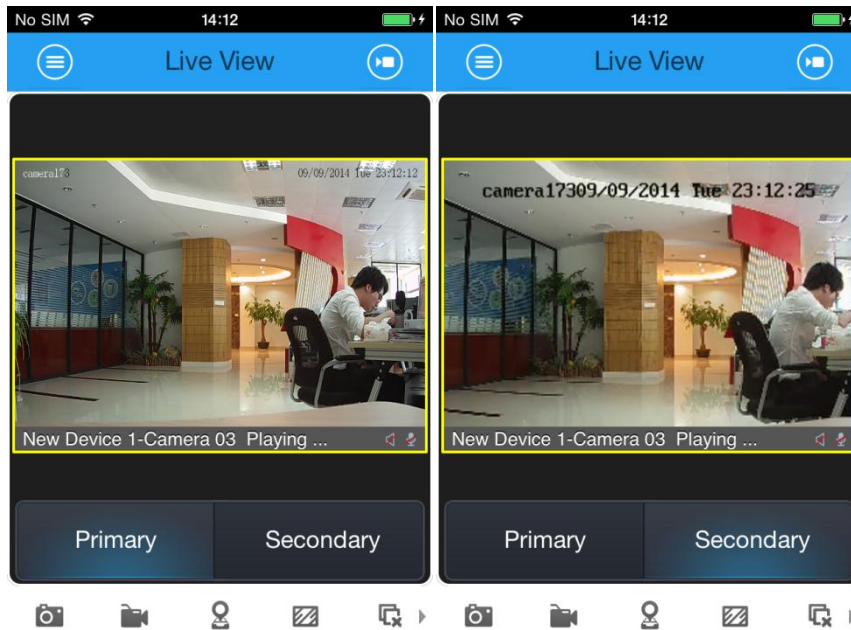






Figure 3.20



5. Audio

Click the button  to enable the audio, the icon will change into .

6. Speaker

Click the button  to open the audio, the icon will change into .

7. Digital Zoom

Choose one channel, click on the button , then the icon will change into  and use two fingers to zoom in and zoom out.

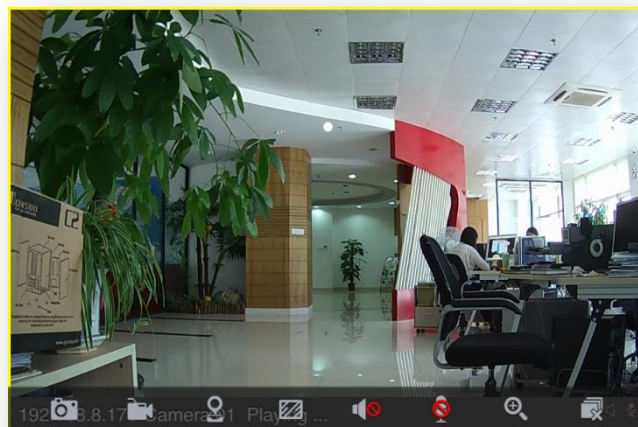


Figure 3.21

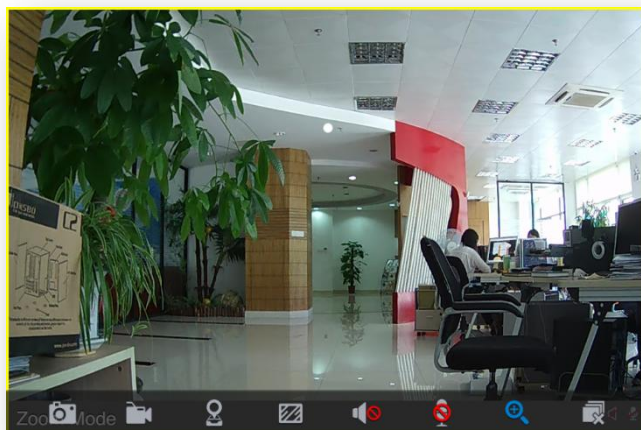





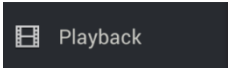
Figure 3.22

 **Note:** This functions will fail sliding to next page functions, so remember to click '' to quit if you want to preview further image.


8. Delete

It will delete all live view windows in all pages if you click ''.

3.5 Playback

Click on the button '' and choose ' Playback' to go to the 'Playback' page.

3.5.1 Preview Replay

Select '' on the 'Playback' page, it will pop up like the follow:

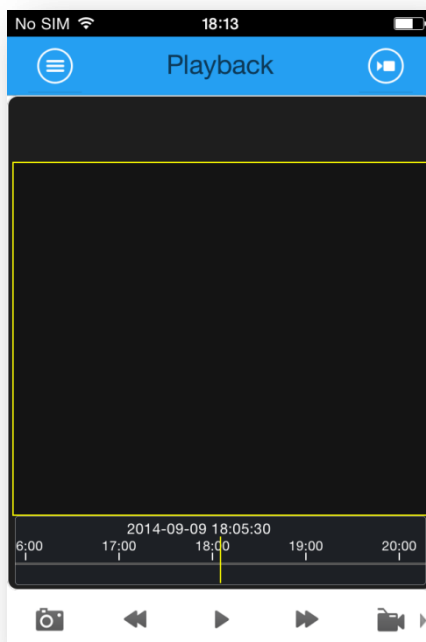


Figure 3.23

- (1) Choose one channel from the list;
- (2) Slide up or down to choose the Start time and the Stop time;
- (3) Click on the 'Play' button to replay.

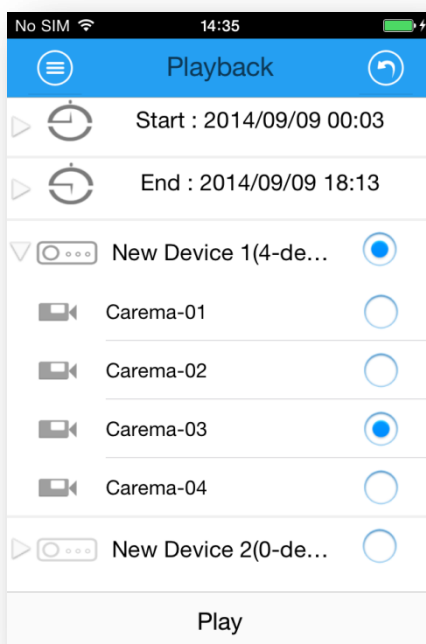



Figure 3.24

 Note: The time between the Begin time and End time can't be more than 3 days. On the time line, you can slide any point to begin replay.

3.5.2 Playback Control

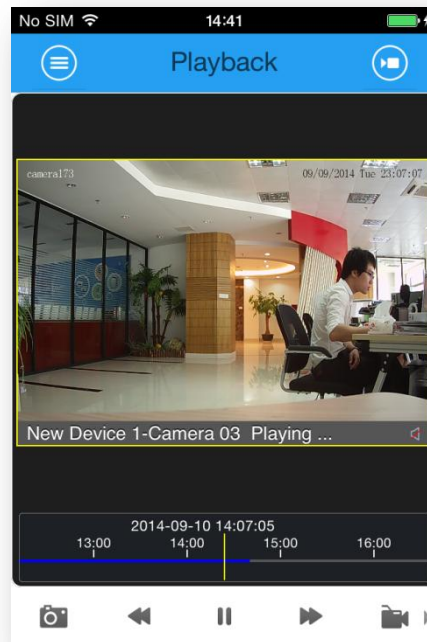











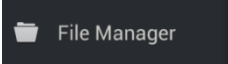
Figure 3.25

The details about the control icons:

Option	Description	Option	Description
	Snapshot		Open/Close audio
	Pause/Resume		Enable/Disable record
	Slow down/Speed up		Enable/Disable digital zoom
	Slide time on the time line		Stop playback

3.6 File Manager

3.6.1 Preview Files

Click on the button  and choose  to go to the 'File Manager' page as bellow. Select one to preview.

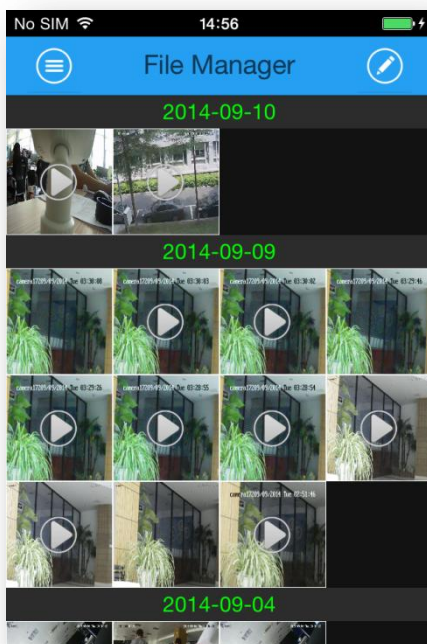


Figure 3.26

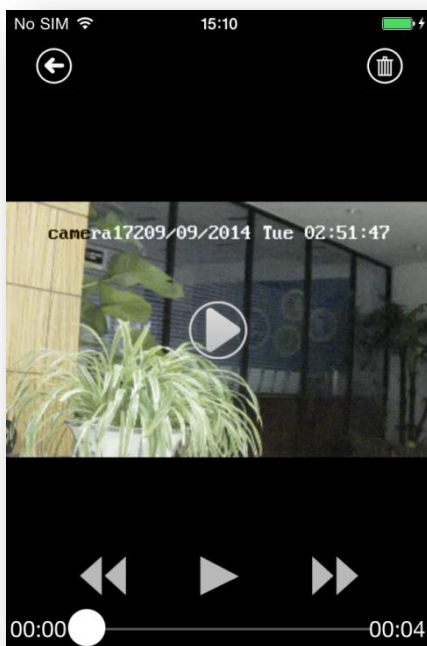









Figure 3.27

You can click '' to return to the previous page or click '' to delete the image or video right now

3.6.2 Delete Files

1. Click  and select someone you want to edit then choose  to delete.
2. If you want to delete all files, select the  and then click .
3. If you have already chosen someone but you didn't want to delete, just click  to cancel the operation.

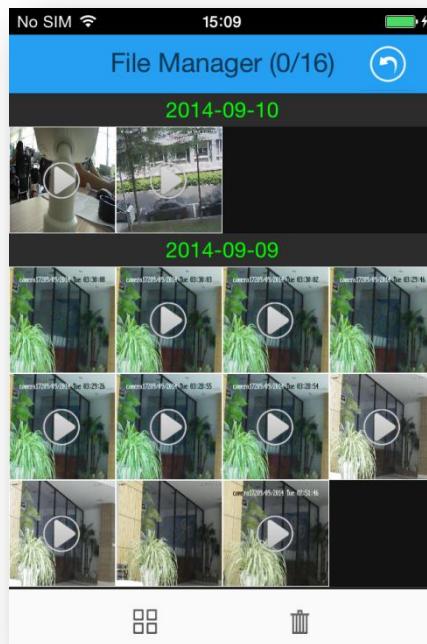

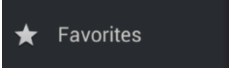


Figure 3.28

3.7 Favorites

Click on the button  and choose  to go to the 'Favorites' page as bellow.

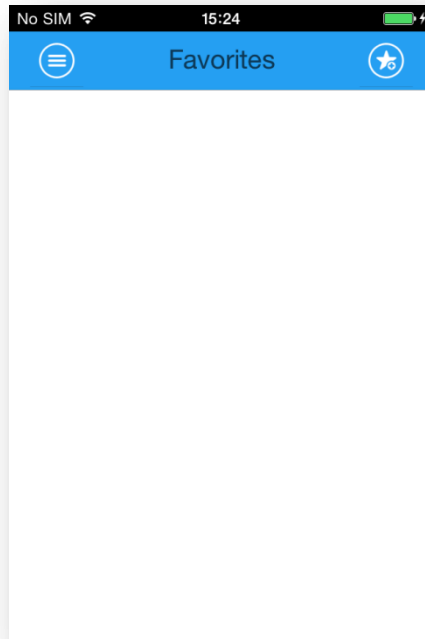



Figure 3.29

You can add several groups in this column as to provide a convenient way to preview specific devices.

3.7.1 Add/Delete Group

1. Add Groups.

Click on  to add a group, it will pop up like the following. Input a group name and touch 'OK' to confirm the operation.

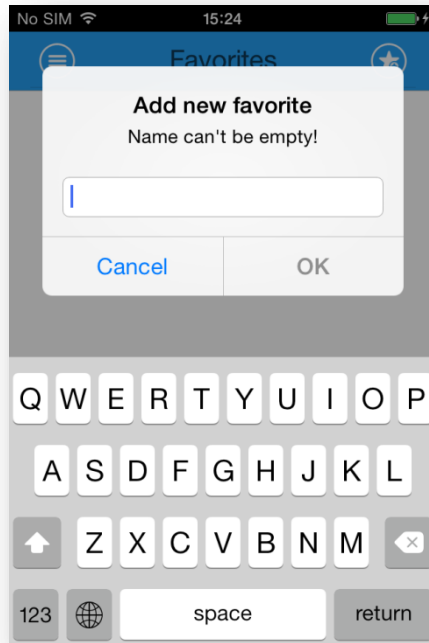


Figure 3.30

2. Delete groups.

Slide left on the group you want delete and the selected column will turn up a signal 'Delete', touch it to delete the group.

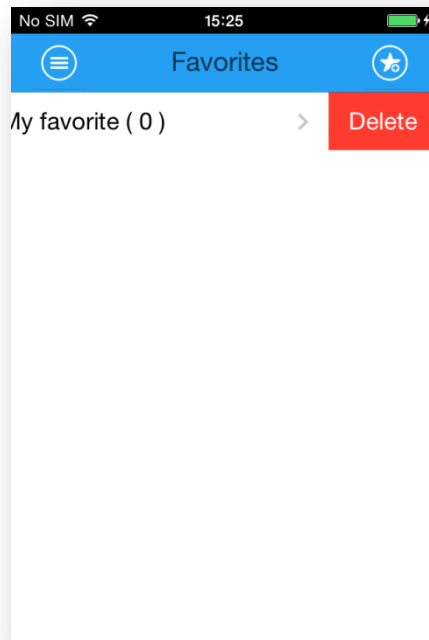




Figure 3.31

3.7.2 Add/Delete Group Member

1. Add group member

Tap on the group to enter the group's page. Click  to tick members for this group and click  to save the change.

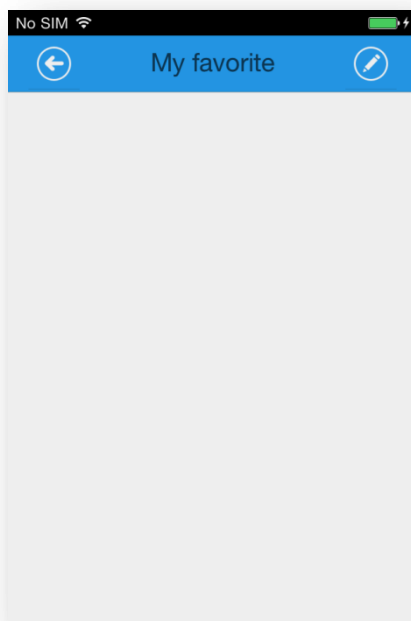


Figure 3.32

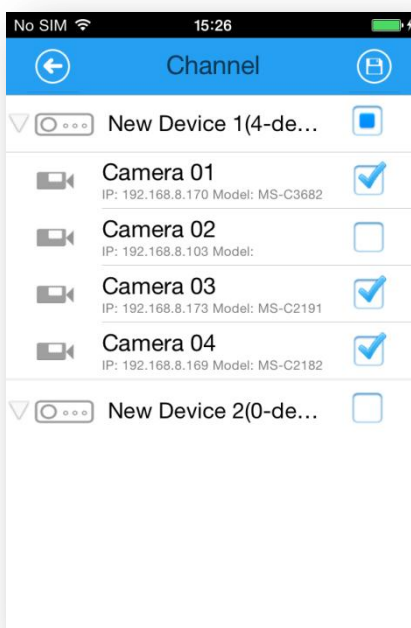





Figure 3.33

2. Delete group member

Tap on the group to enter the group's page. Click  to cancel the ticks of the devices and click  to save the change.

3.7.3 Preview the Favorites in Live View

Step 1:

Select  in the page of live view. It will turn to the page as below.

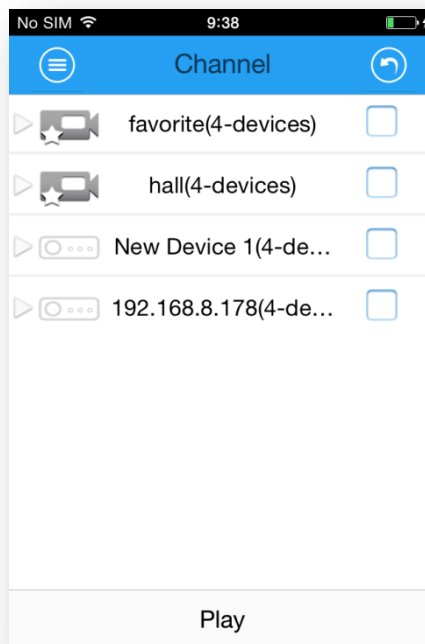


Figure 3.34

Select a group that you set before and click 'Play'. You will preview some channels and switch to other channels in a more convenient way.

3.8 General

Here are some futures about M-VMS.

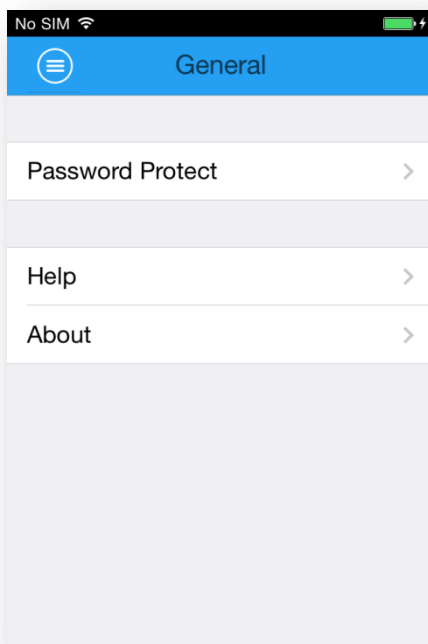


Figure 3.35

3.8.1 Password Protect

Click the button of Password Protect, and turn to the page as below.



Figure 3.36

Choose to turn on Password Protect, then set a password and input it again to confirm the password.

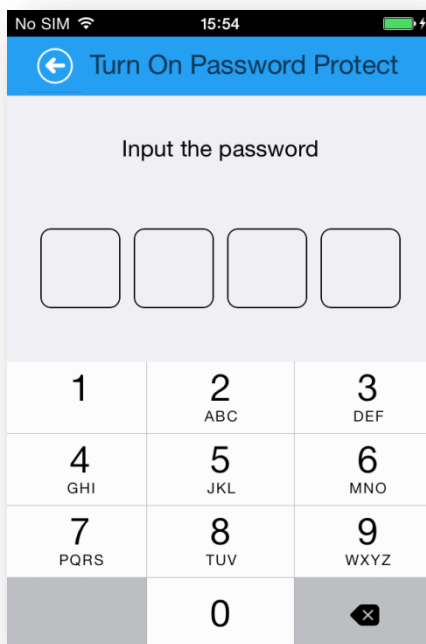


Figure 3.37

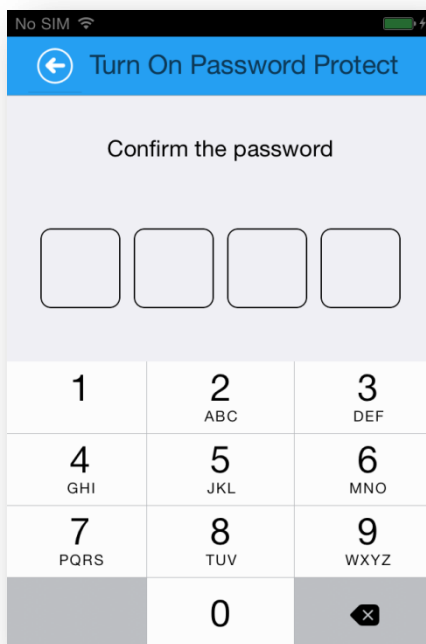


Figure 3.38

Once you set a password, you need to input it every time when you want to log in M-VMS. If you want to turn off it, click 'Turn Off Password Protect >' and input the password to turn it off.



Figure 3.39

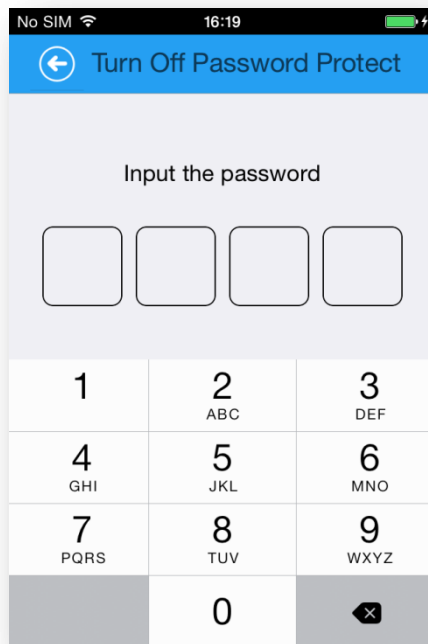


Figure 3.40

If you want to change the password, click ' [Modify Password](#) ' and input the old password once and the new password twice to modify the password.

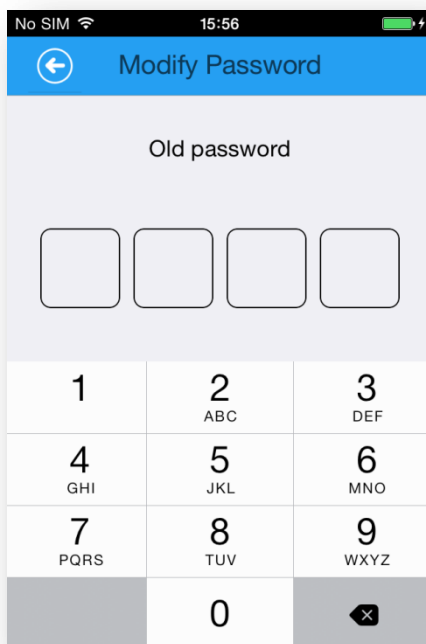


Figure 3.41

3.8.2 Help

You can get the version of this software and the brief way to use the application.

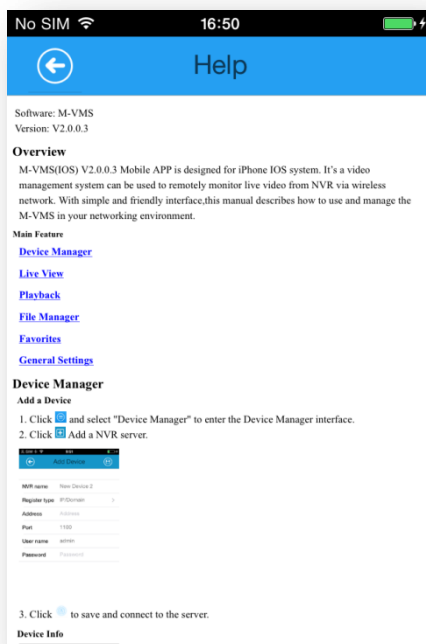


Figure 3.42

3.8.3 About

Tap on the button of 'About', you can see the page below.

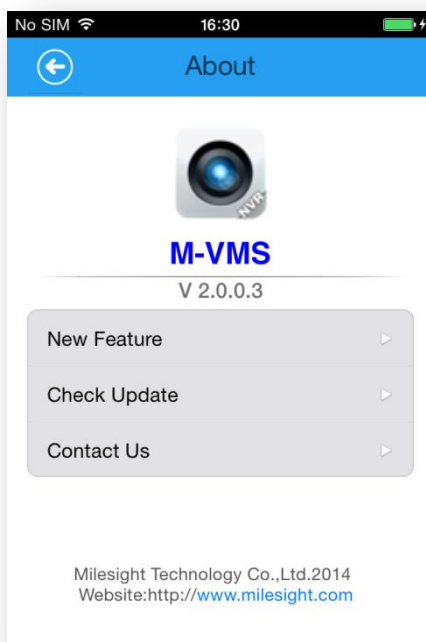
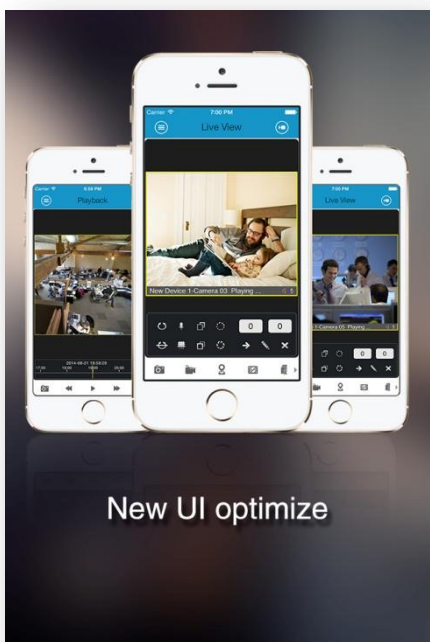


Figure 3.43

(1) New Feature

New features in this version:



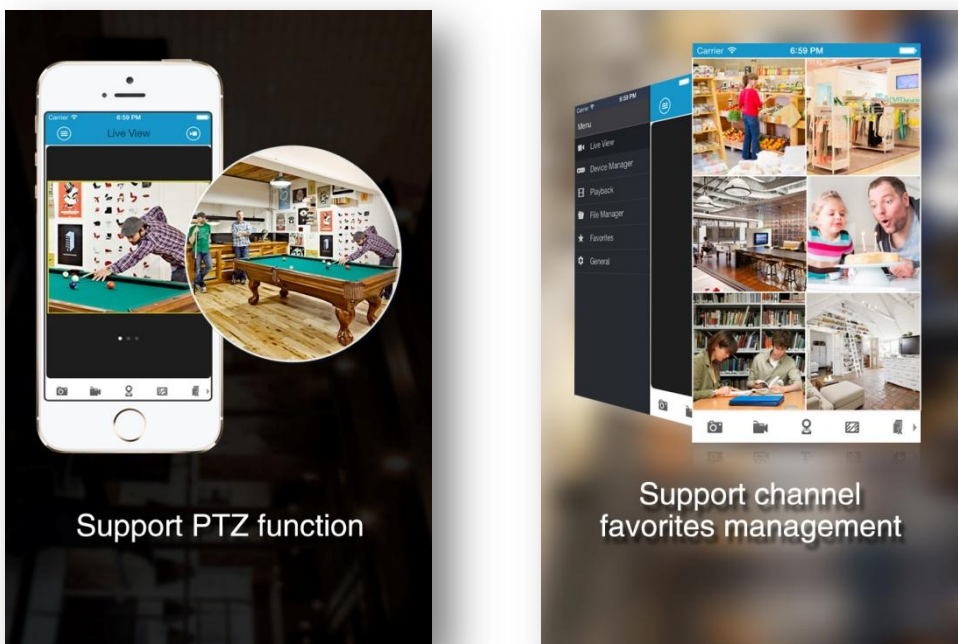


Figure 3.44

- (2) Update Now
Detect for the new version:

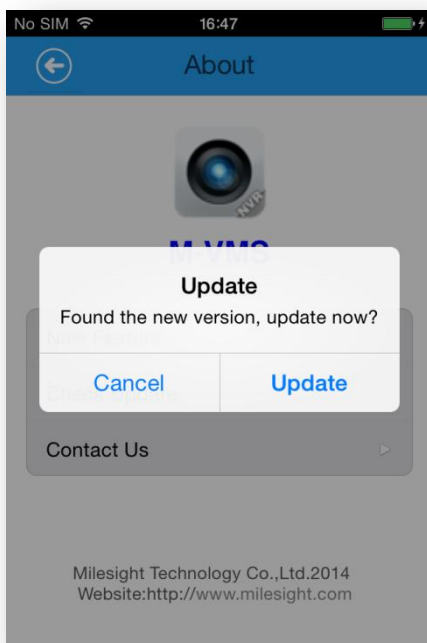


Figure 3.45

- (3) Contact Us
Ways to contact us:

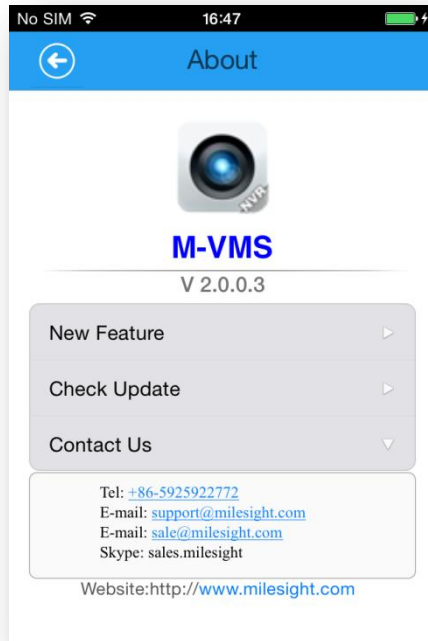


Figure 3.46

Chapter IV Service

Milesight Technology Co., Ltd provides customers with timely and comprehensive technical support services. End-users can contact your local dealer to obtain technical support. Distributors and resellers can contact directly with Milesight for technical support.

Technical Support Mailbox: support@milesight.com

Web: <http://www.milesight.com>

Online Problem Submission System: <http://www.milesight.com/service/feedback.asp>

Address: No.23Wanghai Road,2nd Software Park,Xiamen,China

Zip Code: 361006

TEL: +86-592-5922772

FAX: +86-592-5922775

Milesight
More in Sight