

FingerCMS/FingerCMSHD for iPhone/iPad (Central Monitoring Software) User's Manual



Before attempting to operate this product,
please read these instructions carefully and save this manual for future use.

FingerCMS-iPhone-iPad-M10911E

Table of Contents

<u>1. Product Overview</u>	3
<u>1.1 Features</u>	3
<u>2. Download From Apple Store</u>	4
<u>3. Operations</u>	5

1. Product Overview

The FingerCMS (Central Monitoring Software) for iPhone (**iPhone 3 or above**) and FingerCMSHD for iPad are designed to be installed in iPhone/iPad for use with DVRs (Digital Video/Audio Recorders) or IP cameras. With state-of-the-art CMS technology for iPhone/iPad, virtually unlimited number of DVRs and IP cameras can be monitored and controlled.


1.1 Features

- **Remote monitoring and control for virtually unlimited number of DVRs and IP-cameras**
- **Up to Full HD H.264 decode capability**
- **Dynamic dual-streaming video for better dual-streaming performance.**
- Two-way audio
- Remote video, audio, and alarm input monitoring
- **Remote (push) alarm notification**
- Remote alarm output control
- Remote PTZ control
- **Versatile live/playback display formats: 1, 4, 9, and 16 split windows**
- **Remote playback search by time or event (alarm, motion, & video loss)**
- Playback operations: Play, Pause, Fast Forward, Fast Backward, Single Step, etc.
- Remote log display
- Snapshot live or recorded video
- Password to access DVRs
- **Operations in Landscape mode supported for FingerCMSHD**
- **Multi-DVR cameras supported in split window view**
- **Support multi-language**
- **iOS 8/7 compatible**

2. Download From Apple Store

In iPhone/iPad, please tap App Store icon



() to run App Store. In App Store, please tap Search icon to display Search Menu as shown. Please enter FingerCMS in the Search Text Field, and then tap Search button () to search and display FingerCMS/FingerCMSHD.

Please follow the instructions on the screen to install FingerCMS in your iPhone or FingerCMSHD in your iPad.





3. Operations

Run

Tap **FingerCMS/FingerCMSHD** icon






















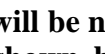



() to run the FingerCMS/FingerCMSHD in your iPhone/iPad. The **Device List** display will be shown.

In Device List display, if a DVR is connected, the  icon will be shown on the left; otherwise, the  icon will be shown.

**** For older iPhone OS, if there's problem for network connection, please run Safari first to enable network connection, close Safari, and then run FingerCMS again.**






Please note that if Alarm Notification is enabled (in Alarm I/O, and in iPhone/iPad's Setting->Notifications->FingerCMS as shown below) and alarm is triggered, the mobile phone will be notified (similar to SMS). The user may select the alarm notification as shown below, and then tap on "Launch" to run FingerCMS and play the alarm video.

Add	Device List	Edit
	Custom/Multiple	
	DVR-cms1	 >
	DVR-cms2	 >
	DVR-factory	 >
	* DVR-office	 >
	DVR-98	 >
	DVR-67	 >
	DVR-43	 >
	DVR-PTZ	 >
	DVR-58	 >
	DVR-62	 >
	DVR-45	 >



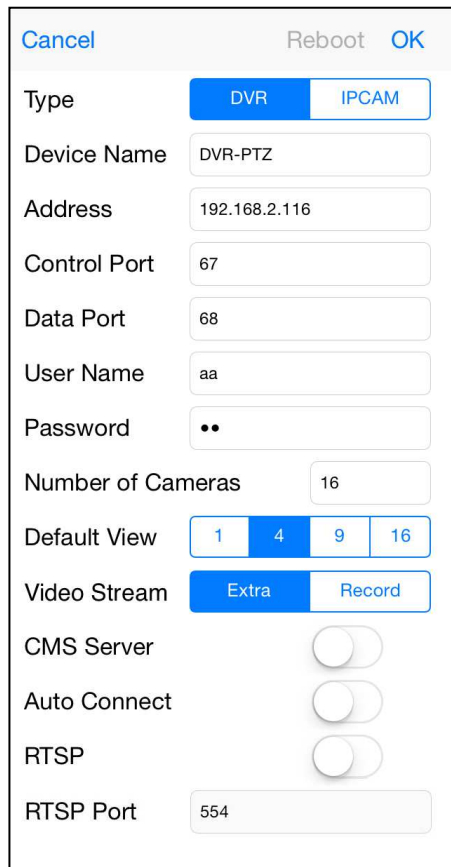
Configure Device List

■ Add / Modify

Tap  button to add a DVR/IPCAM in the Device List, or tap  icon to modify the device properties of the corresponding DVR/IPCAM. The Detailed Device Properties display will be shown. Tap  to exit and save, or  to exit without saving. The user may tap  button to reboot the device remotely.

Following is a brief description for each item:

- **Type** – DVR or IPCAM.
- **Model** – IPCAM model.
- **Device Name** – any meaningful name for the device.
- **Address** – IP address (EX. 210.242.162.30) or URL domain name of the device. It should be the same as the IP address or URL in Network Setup for the device.
- **Control Port** – the control port of the (DVR) device.
- **Data Port** – the data port of the (DVR) device.
- **User Name** – the login user name for the device. It must be in the list in Password Setup of the device. Please note that **different levels of users have different available operations in Mobile CMS**. Please refer to Password Setup in the manual for the DVR or IPCAM for the available operations of each level.
- **Password** – the corresponding password for the login user name for the device.
- **Number of Cameras** – number of cameras for the (DVR) device.
- **Default View** – default split window display for the (DVR) device.
- **Video Stream** – “Record” – live video same as recording stream, or “Extra” – extra network stream if dual streaming is supported for the (DVR)



The screenshot shows a configuration window with the following fields and options:

- Cancel** (top left), **Reboot** (top right), **OK** (top right)
- Type**: DVR (selected), IPCAM
- Device Name**: DVR-PTZ
- Address**: 192.168.2.116
- Control Port**: 67
- Data Port**: 68
- User Name**: aa
- Password**: masked with two dots
- Number of Cameras**: 16
- Default View**: 1, 4 (selected), 9, 16
- Video Stream**: Extra (selected), Record
- CMS Server**: toggle switch (off)
- Auto Connect**: toggle switch (off)
- RTSP**: toggle switch (off)
- RTSP Port**: 554




device.

- **CMS Server** – is the device a CMS server? Switch OFF for DVR device.
- **Auto Connect** – whether the user wants to connect automatically to this (DVR) device when the FingerCMS/FingerCMSHD is running.
- **RTSP** – whether to use RTSP to connect to the (DVR) device.
- **RTSP Port** – the RTSP port of the device.
- **ONVIF Port** – the ONVIF port of the (IPCAM) device.



■ Delete

Tap  button,  icon, and then  button to delete the selected device from the device list. Tap  button when you're done.

■ Change Order

Tap  button, and then drag  icon to change the order of the selected device. Tap  button when you're done.


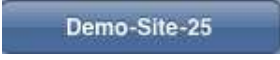


■ Set Default Device

Tap  button, and then the Device Name to set the device as “Default”. An asterisk (*) will be shown in front of the Device Name. Tap the Device Name again to unset it. Tap  button when you're done. If there's Default Device in the device list, the Default View of the Default Device will be shown when you run the application.


Split Window Display

In Device List, tap the device name, and the split-window display of the corresponding device will be shown. In split-window display, the user may rotate iPhone/iPad for Landscape display. **For FingerCMSHD in Landscape mode, users may tap on the top/bottom area to show the operable icons.**

The operations are as below:

-  **button**
Tap this button to escape from this screen, and return to Device List display.
- **Device Name button (EX.**  **)**
Tap this button to display the available DVR/IPCAMS. Please select one of the devices in the Device picker, and then tap **Device Name button** again to switch to the split-window display of the selected device, or tap the other area to cancel.
- **CH button**
Tap this button to (1) switch to 1-W display of the selected channel if there's no focus window, or (2) change the channel of the focus window. **Please note that (2) can be used to select the channel from a different device if the Device Name is "Custom/Multiple"**. The user may also tap twice on the display window to switch to its 1-W display.
-  **button**
Tap this button to select the split-window display (1-W, 4-W#1, 4-W#2, 4-W#3, 4-W#4, 9-W, or 16-W). **For software version 1.07 or above, scroll view is supported for 1/4-W display.**
- **Zoom in**
Please note that this operation is only supported in 1-W display.
-  **button**
Tap this button to enable/disable the Audio input of the iPhone/iPad. The device will be able to hear the iPhone/iPad if Audio-In is enabled (button down).



■  **button**



Tap this button to enable/disable the Audio output of the iPhone/iPad. The user will be able to hear the audio of the focus camera of the device if Audio-Out is enabled (button down).

■  **button**

Tap this button to Snapshot the video. The snapshot picture will be saved in “Photo” of the iPhone/iPad.

■  **button**

Tap this button to display the “**Search By Time**” dialog.







Please select the time (Year, Month, Date, Hour, and Minute), and then tap  button to search for playback, or tap  button to return to split-window display without playback.




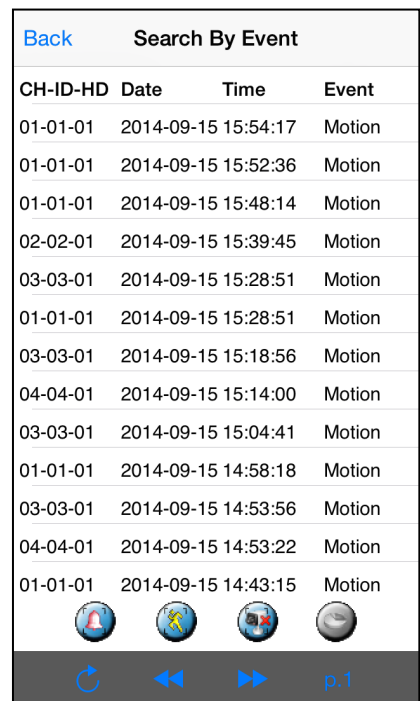
■  **button**

Tap this button to display the “**Search By Event**” dialog.


For **Alarm/Motion/Video** events, the display format of each event is “**Camera ID – Source ID – HDD ID**” “**Date**” “**Time**” “**Event Type**”; for **System** events, the display format of each event is “**Date**” “**Time**” “**Details**”. Tap

Refresh button () , **Page Up** button () , or **Page Down** button () to update the event logs. Tap **Alarm** icon () , **Motion** icon () , and/or **Video Loss** icon () to uncheck/check the corresponding event type.

Tap **System** icon () to check system event and uncheck the other event types, or uncheck system event and check the other event types.



Tap the desired event log for

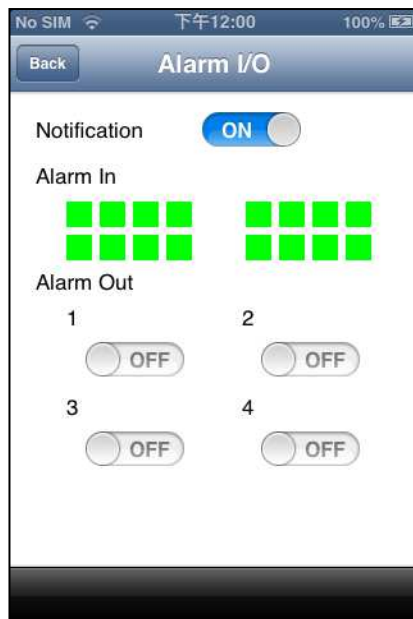
playback, or tap  button to return to split-window display without playback. For V1.07 or above, users can tap the current “Page No.” to call up “Search By Event - Page” dialog, and then enter the desired page number.

■  **button**


Tap this button to display the “Alarm I/O” dialog.

The alarm notification, alarm inputs (row 1 : 1-4, 5-8, row-2 : 9-12, 13-16) and alarm outputs (1-4) of the DVR will be shown. Please note that the actual number of input/output may be less. The user may tap the Notification switch to ON/OFF alarm notification of the FingerCMS. The user may also tap the Alarm Out switch to On/OFF the corresponding alarm

output. Tap  button to return to split-window display.



Playback Operations

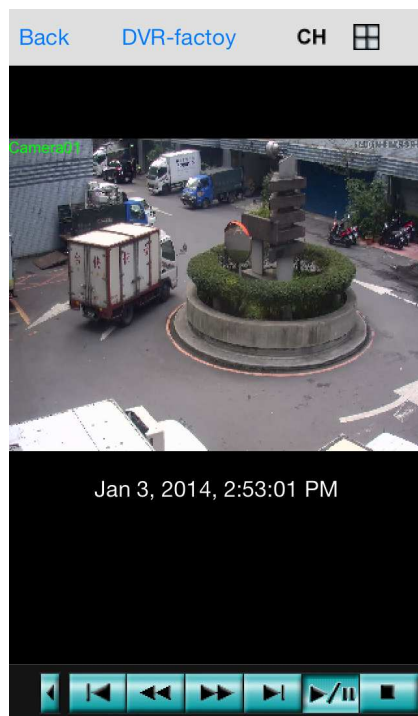
At playback mode, the playback buttons will be shown on the lower corner. The user may tap  button to display the main operation buttons. (Please note that the user must be at least Supervisor level to be able to playback DVR video.)





■  **button**

Tap this button to play the recorded video/audio at forward speed 1X, or pause the playback. If the playback is paused, tap this button again to resume playing. Note that audio can only be played at forward speed 1X.




■  **button**



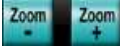




Tap this button to stop playing. The split-window display will return to live monitoring mode.



-  **button**
Tap this button for fast forward playback at 2X speed.
-  **button**
Tap this button for fast backward playback at 2X speed.
-  **button**
Tap this button to play the recorded images frame by frame.
-  **button**
Tap this button to go back a few seconds for playback.

PTZ Operations

In 1-W live display, if the camera is a PTZ camera, the user may tap  button to display the PTZ operation buttons. In PTZ operation mode, the user may tap  button to display the main operation buttons, or tap  button to display the other PTZ operation buttons. The detailed operations are as below:

-  **button**
Press in the upper/lower area of the video window to tilt up/down the camera, release to stop.
-  **button**
Press in the left/right area of the video window to pan left/right the camera, release to stop.
-  **button**
Press these buttons to zoom out/in the camera. Release these buttons to stop.
-  **button**
Tap this button to move the camera to the preset position. Tap numeric buttons **0-5** to move the camera to the corresponding preset position, or tap **More** button() to call up Goto dialog, and then enter the preset position.
-  **button**
Tap this button to start/stop Auto Pan.
-  **button**
Tap this button to start/stop PTZ SEQ mode. If SEQ mode is on, the camera

will go to available preset positions 0-9 (or 1-10) sequentially.

■  **button**

Press these buttons to focus near/far the camera, release to stop.

■  **button**

Press these buttons to decrease/increase iris of the camera, release to stop.

■  **button**

Press these buttons to set/clear preset position of the camera.