IProSecu M. Manual

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Abstract

Smooth and Vivid LIVE VIEW surveillance is presented in your iPhone.

IPhone application, **IProSecu M.**, allows users to connect DVR (IPCAM) and been able to watch it over remotely.

Not only monitor live views of connected devices, you could also operate "PTZ" functions if connecting to a PTZ IP CAM. Furthermore, we would like to introduce an outstanding and extraordinary function to you. The "Two-Way Audio" is now supported in this new application.

IProSecu M. application is designed to run on Apple iPhone and iPod Touch.

Features

1. New shortcut function "Setup sites" is added
2. Snapshot images can be send via e-mail
3. Digital Zoom function in Live view (Max. X2)
4. DVR Channels can be detected automatically
5. You can easily switch DVR channels in Live viewing
6. Two-Way Audio function is supported in IP camera
7. PTZ control is available when connect a PTZ IP camera

Site Management

Site Management features are presented to users in **Site List Tab**. Users can perform the following tasks in this tab,

- Browse the site list
- Add a new site
- Edit site information
- Delete selected site
- Duplicate selected site
- Switch site sequence in the site list
- Run Live View with selected site

Live View

Live View is brought up when users select a site in the **Site List Tab**. Among the live view, the following functions can be achieved,

- Watch live video from selected DVR/ IPCAM
- Snapshot an image from the video
- Turn on/off the two-way audio
- Play/Pause the live video
- Control PTZ function of the camera (if connected IPCAM is supported)

- Switch to different site with shortcut
- Switch the channel of connecting DVR directly

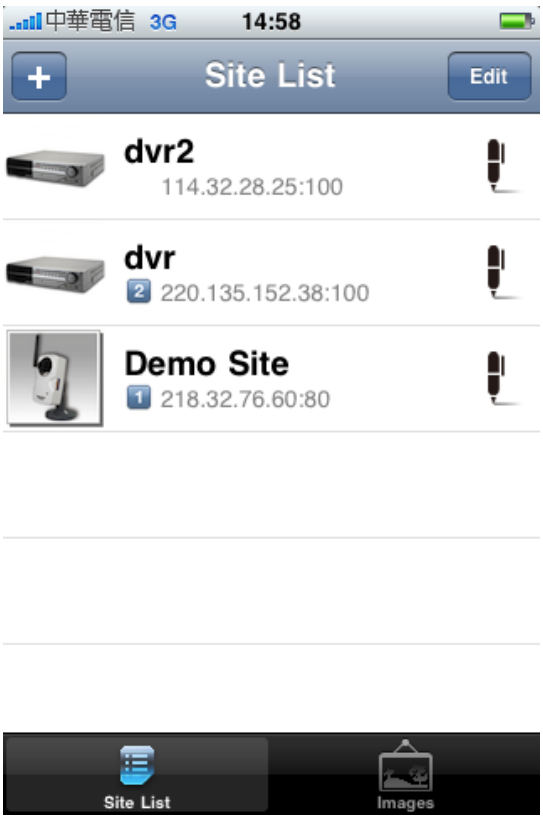
Image Management and View

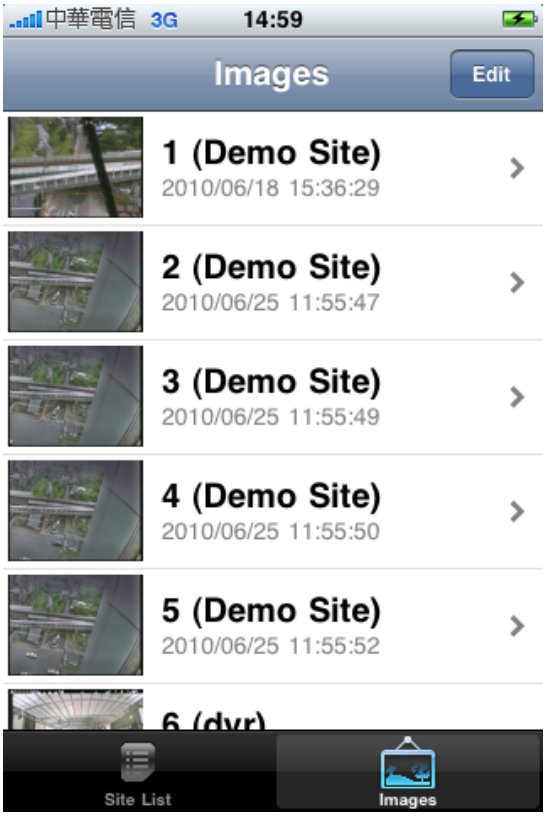
Image Management features are presented to users in **Images Tab**. The following tasks can be done in this tab,

- Browse images captured from **Live View**
- Delete selected image
- Preview selected image in full size
- Forward the selected image by E-mail

IProSecu M. Main UI

IProSecu M. includes two main tabs. Users can switch between **Site List Tab** and **Images Tab** to entry site management and image management.





I. Site Management

A. Install IProSecu M. application

Press

icon to access App Store. Then, click

Search Tab and insert the key word "iprosecu m." in the searching bar. Click the searching result item which is compatible with the demand. Press the

and

buttons to install the application into the devices.

B. First time running IProSecu M.

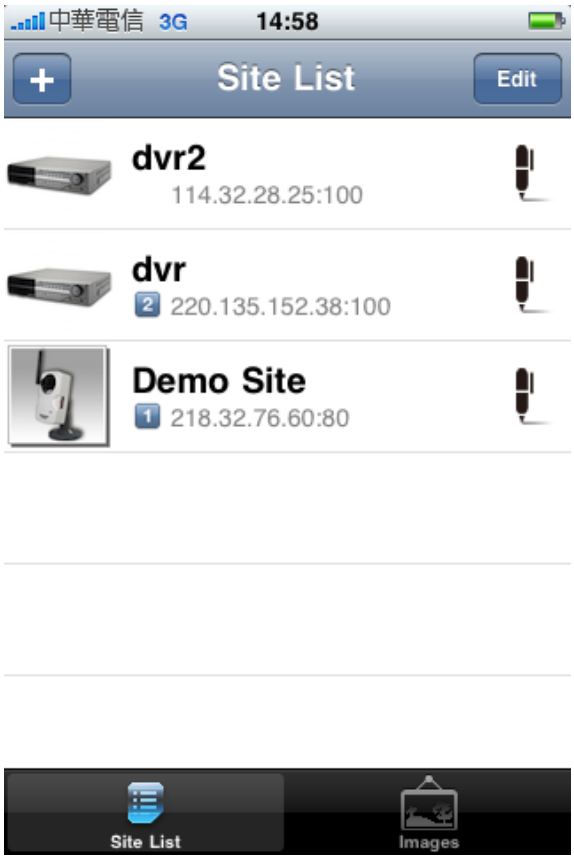
When users run IProSecu M. in the first time, one **Demo Site** will be created automatically as an example. Users should be able to connect to this demo site and watch live video. Users can also use this demo site as a template to add their own site(DVR or IPCAM) without enter every fields in the **Site Info Page**. This is done with Copy selected site feature.

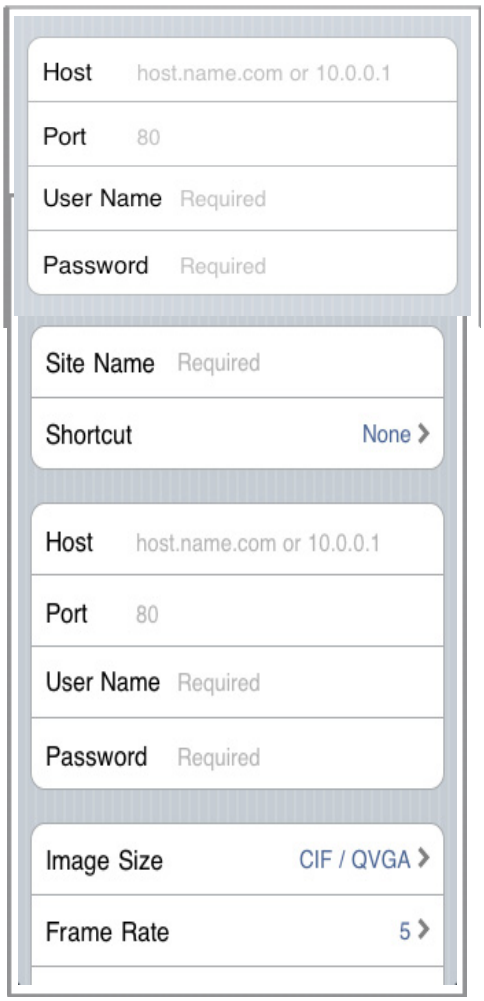
C. Create a new site or edit selected site

There are two buttons on top in the **Site List Tab**. The button and the

button. Tap the button will pop up a dialog box to create a new site and popup **New Site (DVR/ IPCAM) Info** page in the following.

Tap the button will popup **Edit Site (DVR/ IPCAM) Info** page, allow users to edit information of selected site.





D. Edit site info

While creating a new site, the title "**New Site (DVR/ IPCAM) Info**" indicates that you are creating a new site. Otherwise the title is "**Edit Site Info**".

Site Name Field

Tap the Site Name Field, the iPhone keyboard will popup to let you input site name. The background grey text "Required" indicates this fields is required and you must give every site a unique name.

Host Field

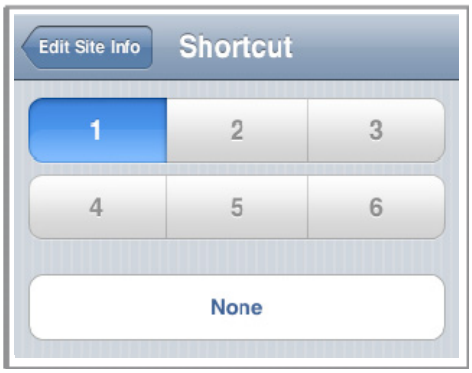
Tap the Host Field, the iPhone keyboard will popup to let you input Host name or Host IP of your DVR (IPCAM). The background grey text "host.name.com or 10.0.0.1" reminds you to enter a valid host name format or IP format.

Port Field

Tap the Port Field, the iPhone number keypad will popup to let you input port number of your DVR (IPCAM). The number keypad allows you to enter numbers only in this field. The background grey text "80" reminds you to enter a valid port number.

User Name Field and Password Field

Tap User Name Field or Password Field, the iPhone keyboard will popup to let you input in these two fields. The background grey text "Required" reminds you to enter valid user name and password



Shortcut Field

IProSecu M. allows users to put 6 sites in their shortcut window. Users can switch between these sites directly in the **Live View** without going back to Site List.

Tap the Shortcut field, a shortcut window will push in. Tap 1 to 6 to assign a shortcut for this site. Or tap None to remove this site from the shortcut window.

The shortcut number 1 ~ 6 will be displayed in the site list for any site with a shortcut.

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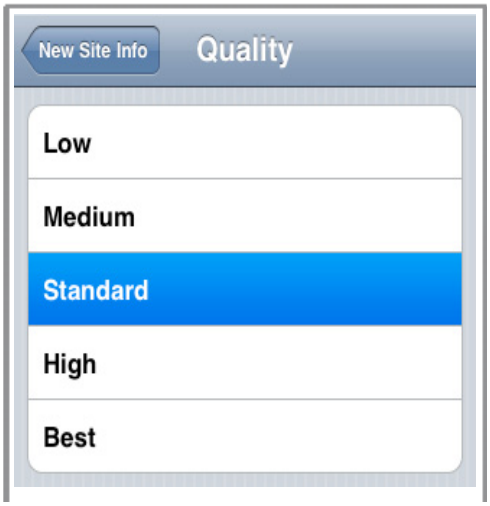
Image Size Field

Tap the Image Size field, a Image Size window will push in. Choose one of the supported Image Size based on the capability of your IPCAM.

Although IProSecu M. allows users to choose VGA or even higher image size, please remember such high resolution requires very high network bandwidth that your network configuration may not allow. It may also requires very high CPU processing power that your iPhone may not be able to handle. We recommend keep it in CIF/QVAG level.

Frame Rate Field



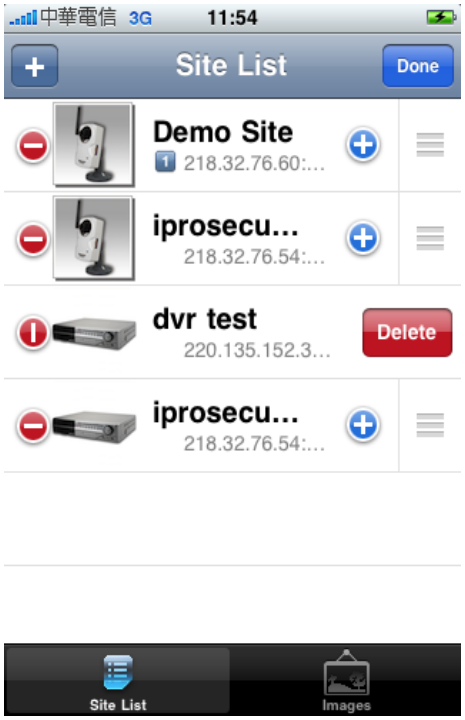
Currently the only supported frame rate is 5. Users cannot change this field.

Quality Field

Tap the Quality field, a Quality window will push in. Choose one of the supported Quality based on the capability of your DVR (IPCAM).

E. Edit Mode

Tap the Edit button on top in the **Site List Tab** will enter edit mode. Within edit mode, users can delete/copy the selected site and re-order the site list. To exit edit mode, tap the Done button.



Delete selected site

Tap the button it will rotate 90 degree and a Delete button for the selected site will show up.

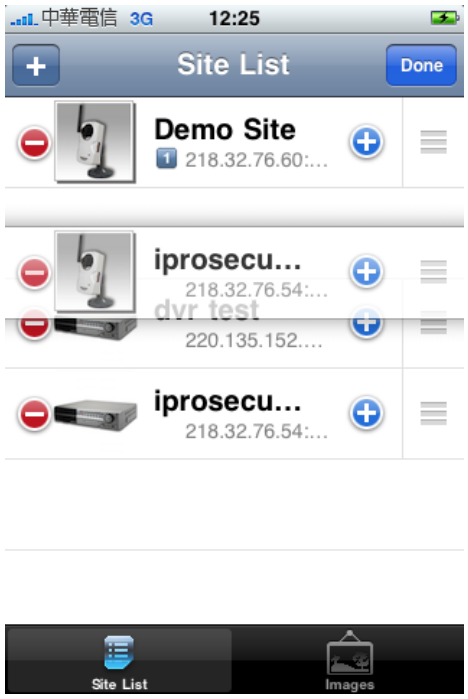
Tap the **Delete** button to delete the selected site.

Tap the button again it will rotate 90 degree back and the deletion will be canceled.

Copy selected site

Tap the button will copy the selected site and popup **Duplicate Site Info** page.

This feature allow users to add a new configuration for their own DVR (IPCAM) easily using a selected site as template. Remember to give the new site a unique name and choose a new shortcut for it.



Re-order the site list

Tap and drag the icon to move the selected site. User can switch the order of the site by drag and drop.

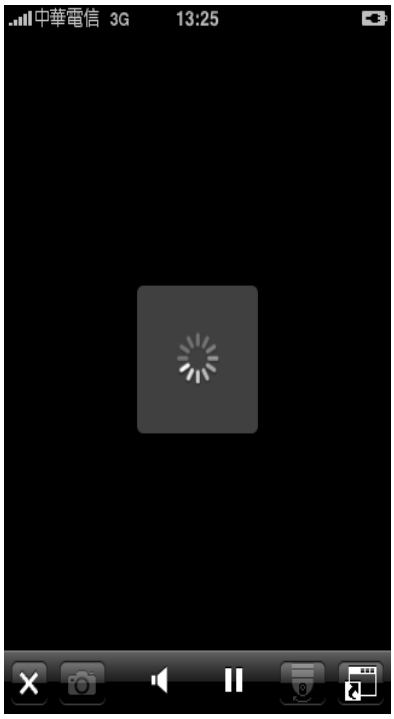
II. Live View

A. Run Live View for selected site

In **Site List Tab** tap on the list will popup **Live View** and start connecting the selected site.

B. Toolbar buttons

Buttons on the toolbar at the bottom in the Live View provide users several features while watching live video from their DVR (IPCAM).



Close Live View

Tap button to close the **Live View** and go back to **Site List Tab**.

Snapshot an image from the video

Tap button to capture an image from the live video. The captured image will be listed in the **Images Tab**.

Turn on/off the two-way audio

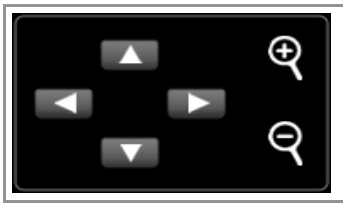
Tap or buttons to turn on or turn off two-way audio.

Play/Pause the live video

Tap or buttons to play or pause the live video.

Control PTZ function of the camera (if supported)

If users IPCAM support PTZ function. The PTZ button will be enabled when playing live video. Tap the button will popup the PTZ window.



Users can tap buttons in PTZ window to Pan, Tilt and Zoom their IPCAM.

Switch to different site with shortcut

Tap button will popup the **Select a Shortcut** window. Users can switch to another site quickly without leaving **Live View**.

Switch the channel of DVR directly

Tap

button will popup the **Select a channel** window. Users can switch to another channel immediately without leaving **Live View**.

C. Switch between toolbar mode and fullscreen mode

While watching live video, users can switch between toolbar mode and fullscreen mode. Tap the screen once to enter fullscreen mode. The toolbar at the bottom and status bar on top disappears in fullscreen mode. Users can enjoy a fullscreen experience while watching live video. Tap the screen again to switch back to toolbar mode where users can access toolbar features.

D. Switch between original size mode and aspect fit size mode

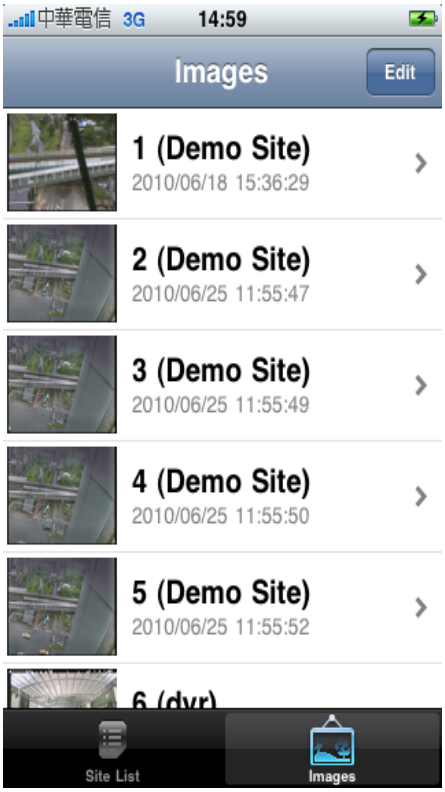
There are two size modes which are original size mode and aspect fit size modes, users can switch while watching live video. In the original size mode, live video is revealed in it's original size as received from the DVR (IPCAM). Among the aspect fit size mode, live video is resized(enlarged or shrunk depends on Image Size configuration) to fit the screen and keeping the aspect ratio. The default is original size mode.

Users can double tap the screen to entry original size mode. If image size is larger than the iPhone screen, users can see more details in this mode. Moreover, users can also drag and scroll the image on the screen to examine every part of the image. Double tap on the screen will switch back to aspect fit size mode.

III. Image Management and View

A. Browse images captured from Live View

Images captured from the Live View will be listed in the **Images Tab**.



Information in the Image List

Each captured image is listed with a thumbnail, the recorded site name and recorded date time

Delete Image

Edit Button provide delete image function same as Site List Tab. Follow the same procedure described there to delete the selected image.

Run Image View with selected image

Tap the image list will push in the Image View with selected image.

B. Preview the selected image

Image View let users view captured image in full size with similar UI in **Live View**

Switch between toolbar mode and fullscreen mode

Users can tap the screen to switch between these two mode as in the **Live View**.

Switch between original size mode and aspect fit size mode

Users can double tap the screen to switch between these two mode as in the **Live View**.

Pinch zoom the image

Users pinch zoom the image to see more details as in iPhone **Photos** program.

Forward the selected image by E-mail

Tap button to send the selected image via iPhone email system. It will popup the iPhone standard email window. The image will be attached to the email automatically. The subject field is the image captured date. Users can edit the email as they do in iPhone mail. After finish the edit, tap

button to send it out.