

# **CMS Mobile Viewer**

## **User`s Manual**



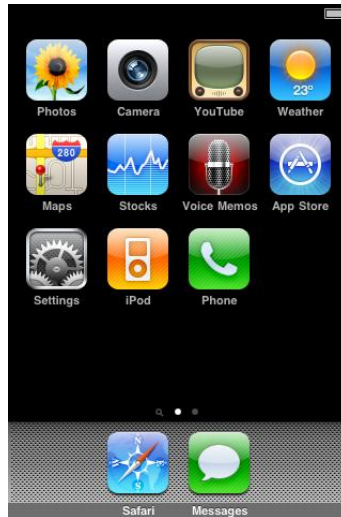
# 1. CMS MOBILE VIEWER

## 1.1 iPhone Mobile

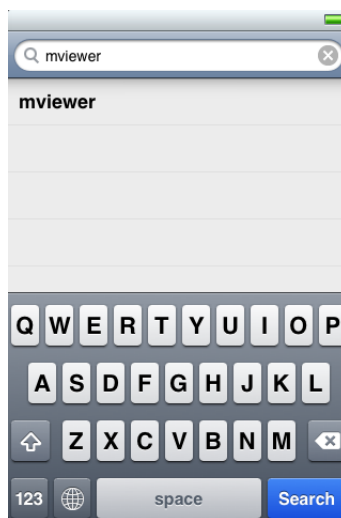
### 1.1.1 System Requirements


- There are no other requirements to run this program because it is specialized to perform on iPhone interface.

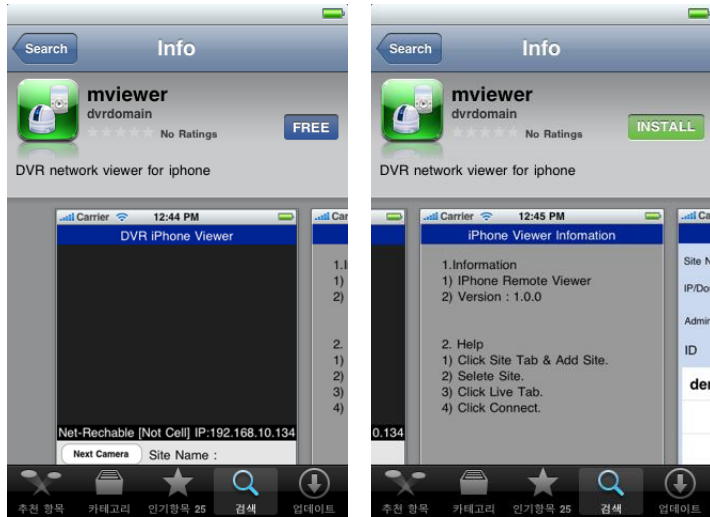
### 1.1.2 Installation




- Turn on the iPhone then connect to App Store.



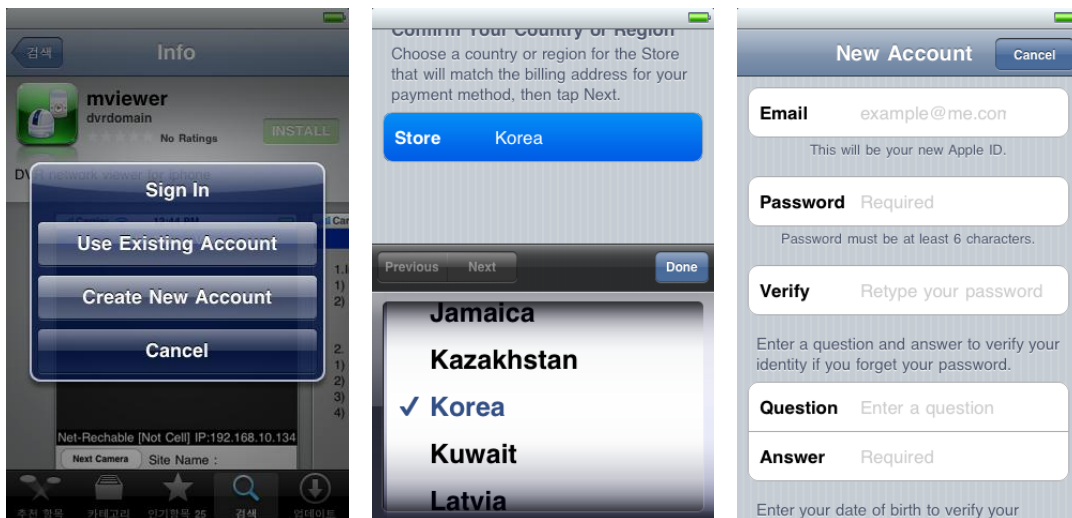
- Move to search menu and type “mviewer” then click “”.



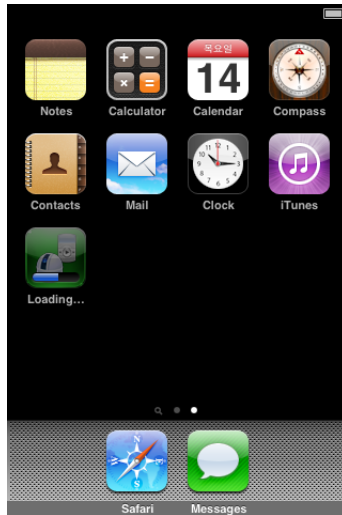
- Select “” program which is offered from dvrdomain by free.
- When user clicks a “**FREE**” button, it will be turned to “**INSTALL**”.
- Click “**INSTALL**” to start installation.



- If user already has a iTunes account, then input user’s account to download the program.




- If user does not have the account, then click “**Create New Account**” and it is registered by free.



- When user registered the account, the program will be automatically installed.


### 1.1.3 Site Registration

- Click “” icon on iPhone menu then below will show.

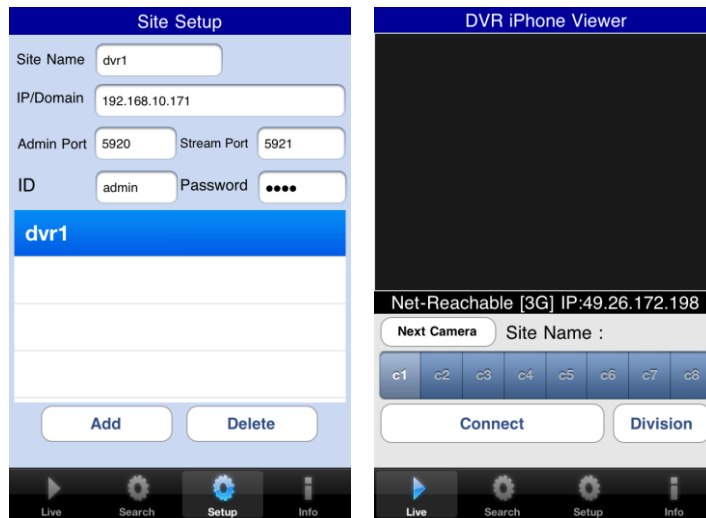




- Move to “” and enter site information which are same as CMS site registration.

- Enter Site Name, IP or DDNS address.
- Enter Admin/Stream port value.


- Enter ID/Password.
- Click “  ” to save the setting.

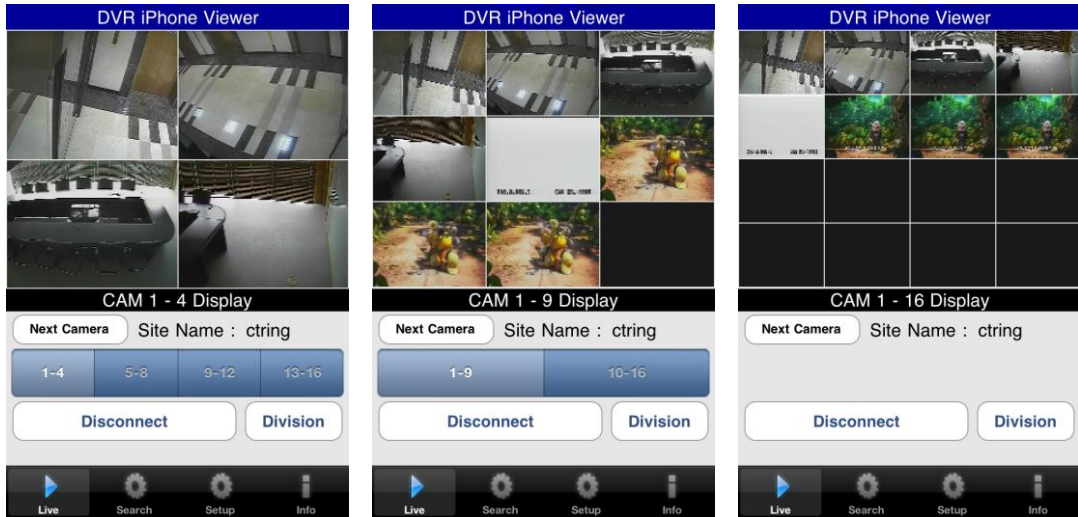
### 1.1.4 Connection



- On “  ” window, click one of the registered site and click “  ”.
- Click “Connect” to connect the DVR to the iPhone.



- To select other channels, click the channel bar below the Site Name.
- If users wish to change the channel among 9–16, then click “  ”.
- Click “Division” to change the display mode to 4ch, 9ch and 16ch.

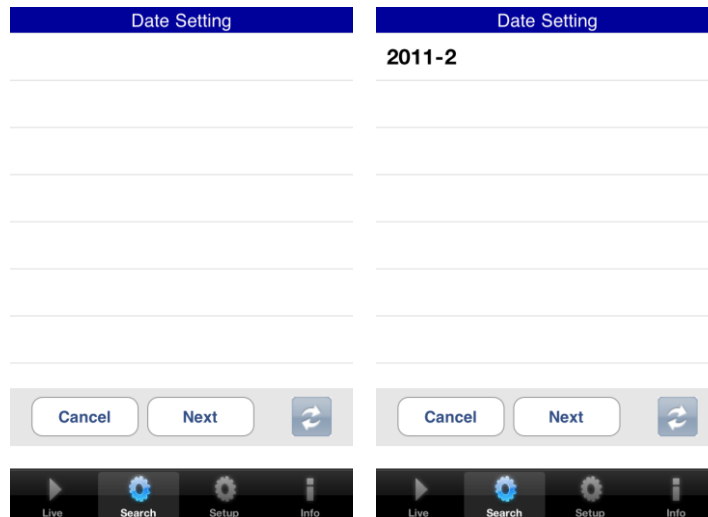


### 1.1.5 Search

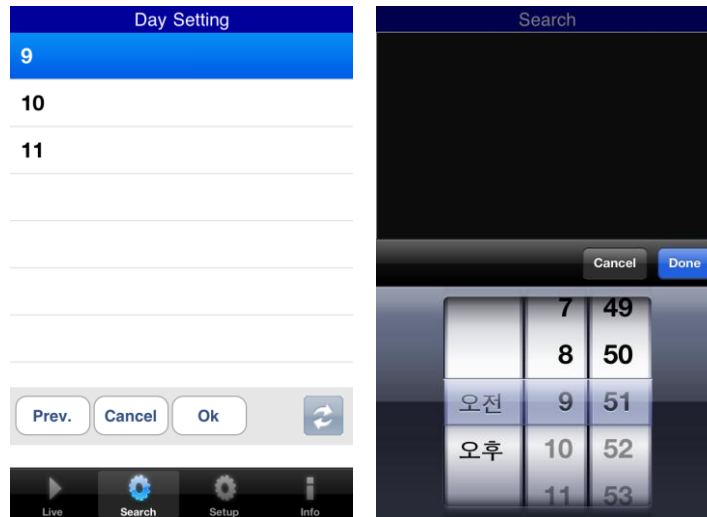
- Users are able to search the recorded data in the mobile CMS program.
- Click “Search” to use search function of the application.



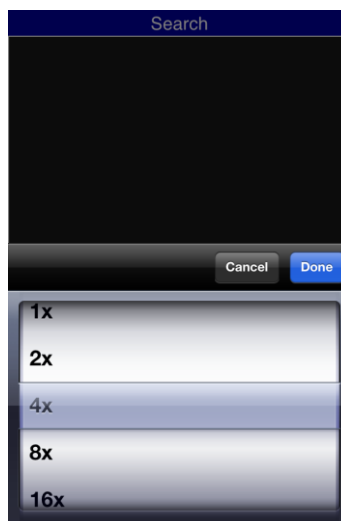
- click “Date” for date setting.
- If users click “renew”, then the month with recorded data will show up.



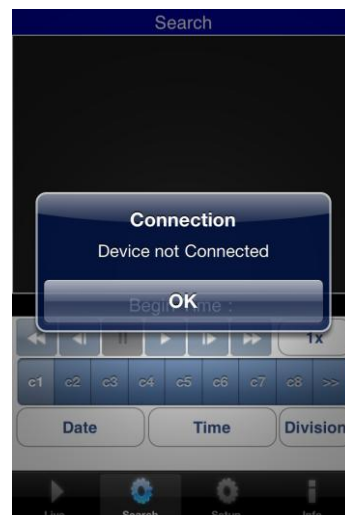
- Choose the month that wish to search and click “next”.
- Click “renew” to select the date in the month and click “OK”
- Click “Time” to select the time of the date of the recorded data.



- And then search the data with the playback buttons on the search menu.
- If users wish to change the search speed, then click “1x” to change the speed.

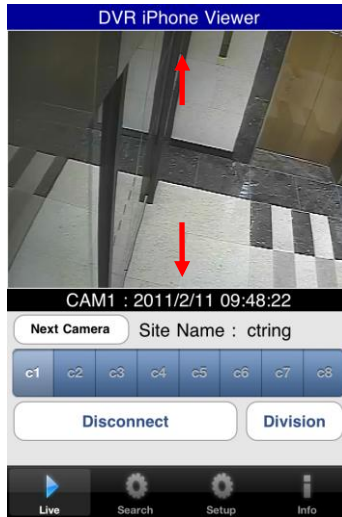


- If the DVR is not connected, the search function does not work and pop up the message below.

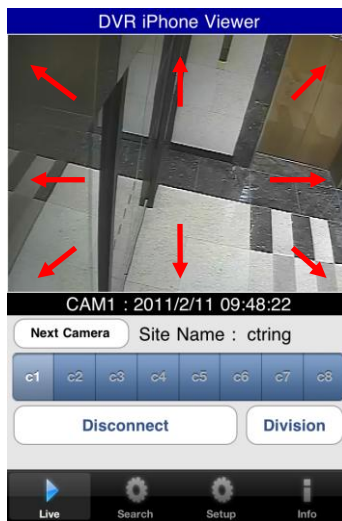


### 1.1.6 PTZ Control

- Users are able to control PTZ with iPhone by touching the screen.



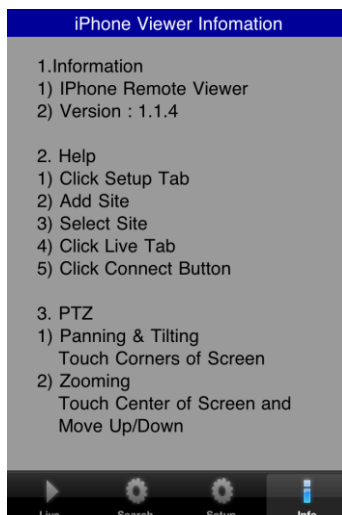
- Touch and drag upside on the center of the screen to zoom out.
- Touch and drag downside on the center of the screen to zoom in.



- Touch sides and corners of the screen to change the direction as user want.
- Touch right side of the screen to move right and left side to move left.
- Touch up side of the screen to move up and down side to move down.
- In the same way, touch any corners to change the directions.

## 1.1.7 Information

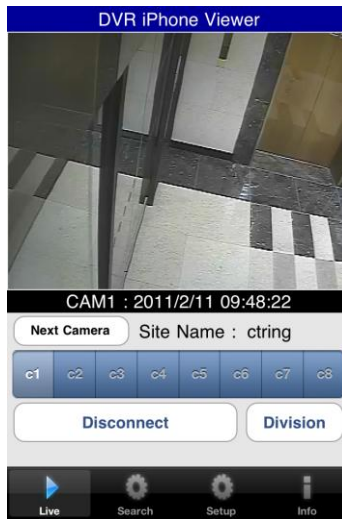
- Click “info 아이콘” to check the information of the application.






### 1.1.8 Disconnection

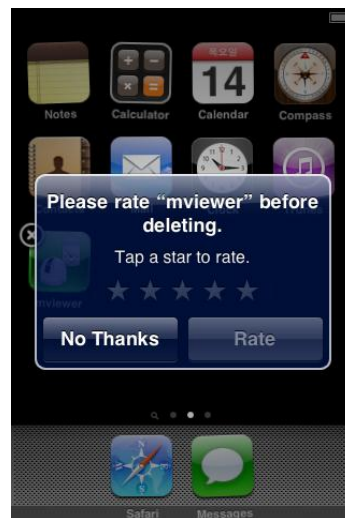
- When disconnecting, please click “Disconnect” and exit the mobile viewer program.





### 1.1.9 Uninstall



- Click the “” icon and hold for a while until the program icon shows x mark on the top-left side.



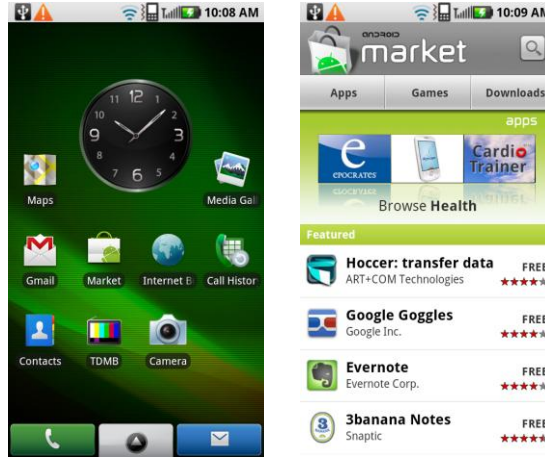
- Click the “” icon then it will ask to delete the program.
- Click “” button to successfully uninstall the program.

## 1.2 Android Phone

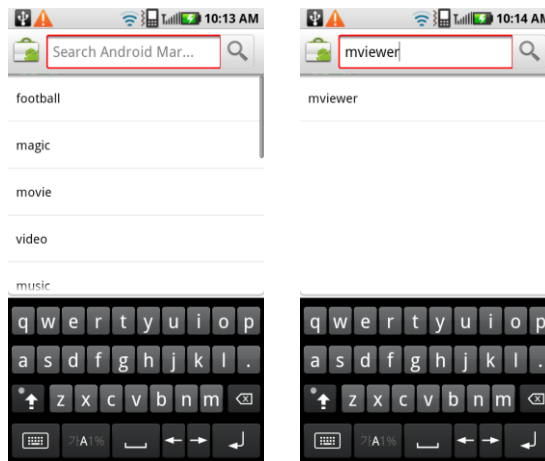
### 1.2.1 System Requirements

- This program is designed and applied only for Android OS (version 1.6 or higher) based smart phones.

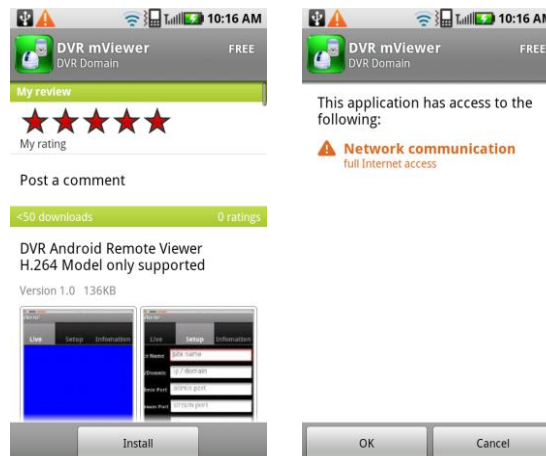
### 1.2.2 Installation



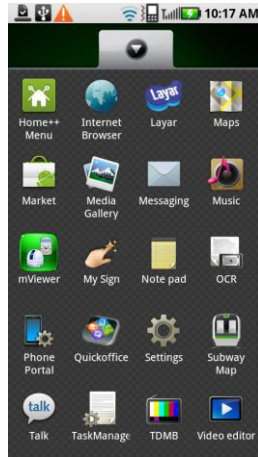
- Turn on the phone then connect to Android Market.



- Move to search menu and type “mviewer” then select “” program which is offered from dvrdomain by free.




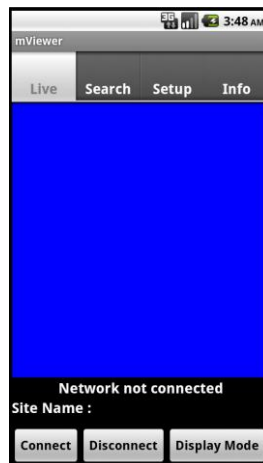
- Click “” then “” to start installation.




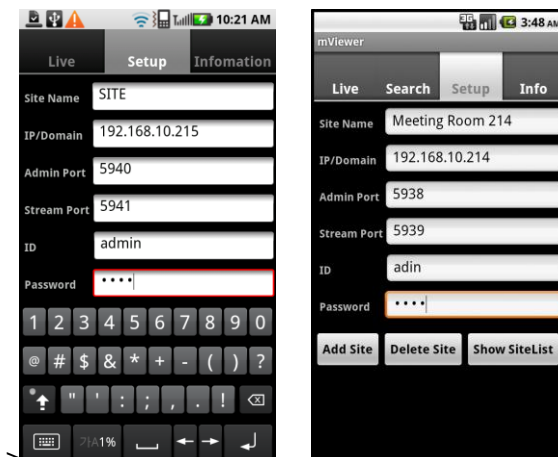
- The program will be automatically installed in user’s application menu.

### 1.2.3 Site Registration

- Click “” icon on application menu then below will show.



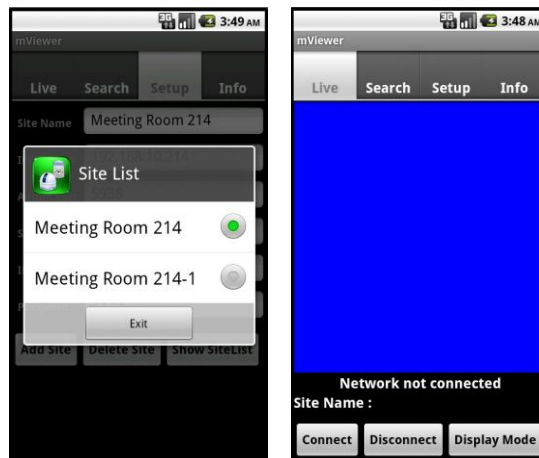
- Move to “” tab and enter site information which are same as CMS site registration.



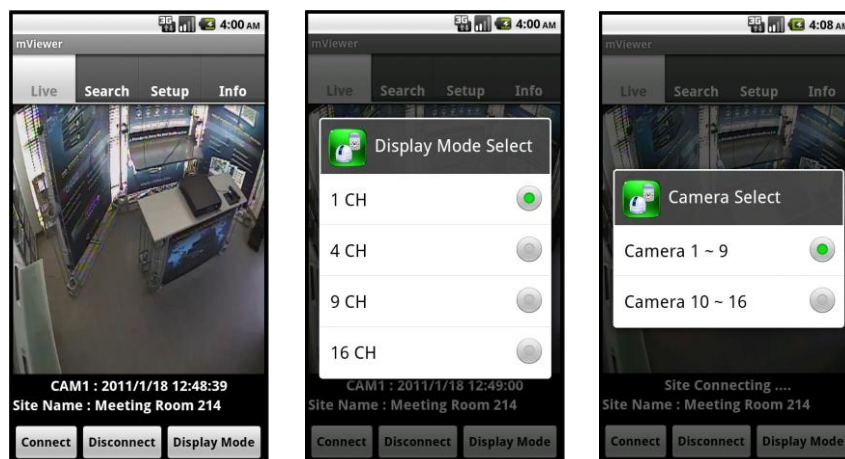
- Enter Site Name, IP or DDNS address.

- Enter Admin/Stream port value.
- Enter ID/Password.
- Click “**Add Site**” to save the setting.

## 1.2.4 Connection

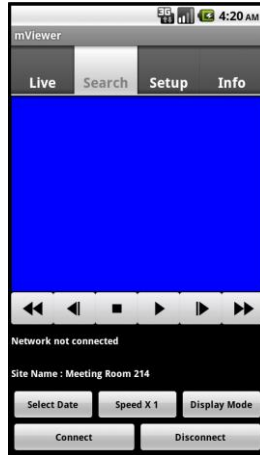


- Click “**Show SiteList**” icon and select one of the registered site and click “**Exit**”.
- Move to “**Live**” tab and click “**Connect**” icon.

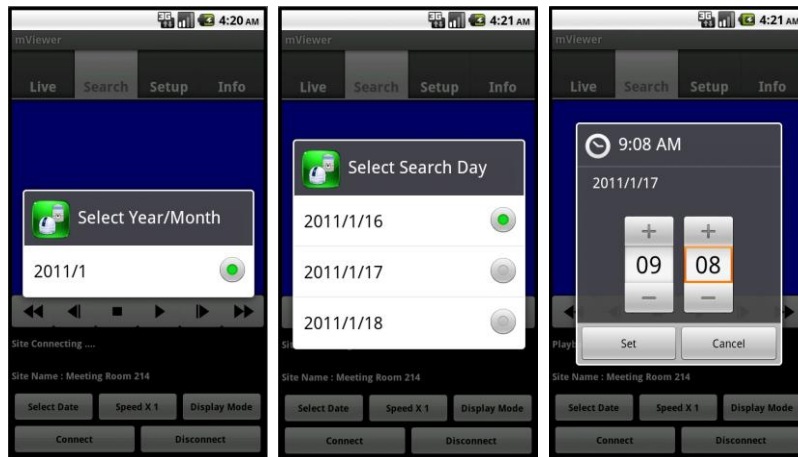


- To change the display mode, click the “**Display Mode**” and select among 1ch (full screen), 4ch, 9ch and 16ch multi view.
- To select other channels, click the “**Camera Select**” icon below the Site Name.
- 16 channel multi view is available for CIF resolution.
- 4 channel multi view is available for H.D1 and D1 resolution.
- Only 1 channel view (full screen) is available for 720p and 1080p.

## 1.2.5 Search



- Users are able to search the recorded data in the mobile CMS program.
- Click **Connect** to use search function of the application.
- click **Select Date** to select the month, the date and the time in order.



- Click **Select Date** to select the month, the date and the time in order.
- Users can adjust the speed of playback from x1 to x 64 or extreme.
- Please note that this function is same as the one of “Playback Control Button” in 9.5.1.
- Click **Display Mode** to select the display mode among 1ch, 2ch and 9ch.  
(The number of display channel varies according to the recording resolution of the model.)
- Click **Disconnect** to quit the search function of the application.

## 1.2.6 Audio

- Users can hear the audio of 1 channel in live and playback mode

**(NOTE)**

Audio out is available only in full screen mode.(1channel only)

## 1.2.7 PTZ control

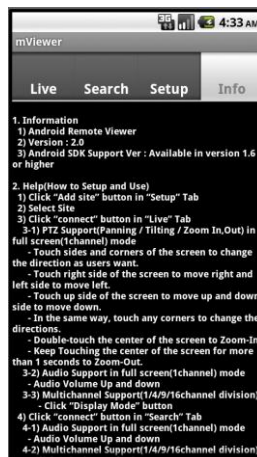
- Users are able to control PTZ with Android Phone.
- Press volume up button on the right side of the phone to zoom in.
- Press volume down button on the right side of the phone to zoom out.



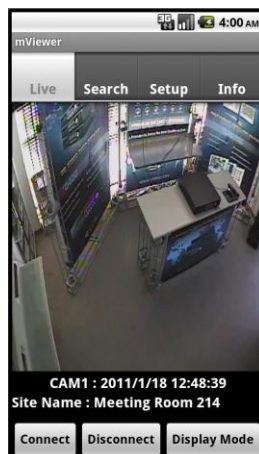
- Touch sides and corners of the screen to change the direction as user want.
- Touch right side of the screen to move right and left side to move left.
- Touch up side of the screen to move up and down side to move down.
- In the same way, touch any corners to change the directions.

## 1.2.8 Information

- Click “**Info**” to get more information, containing how to setup and use the application.



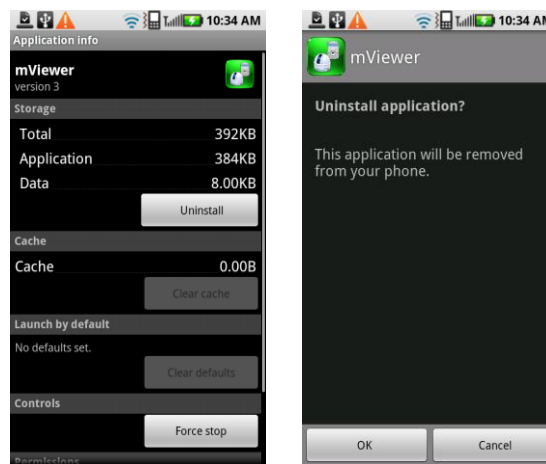
## 1.2.9 Disconnection




- When disconnecting, please click “**Disconnect**” and exit the mobile viewer program.

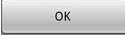
## 1.2.10 Uninstall

- Move to Setup > Application > Manage Applications then select .



- Click  icon then it will ask to delete the program.



- Click  button to successfully uninstall the program.

# 1.3 Blackberry Mobile

## 1.3.1 System Requirements

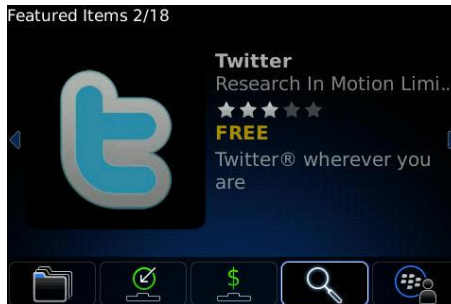
- This Program is designed and applied only for RIM Blackberry OS based Smart Phones.

## 1.3.2 Installation

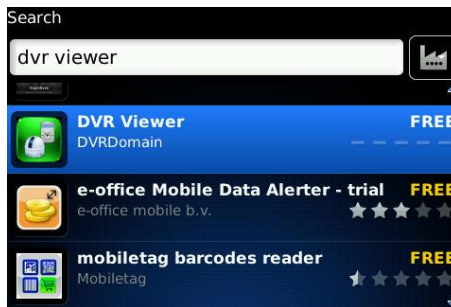
- Turn on the phone and connect to BlackBerry App World.




- Click “search” icon and type “DVR Viewer” program.

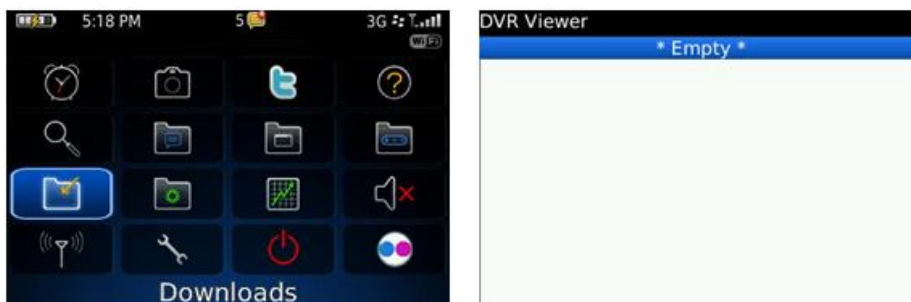


- Select the “DVR viewer” which is offered from dvrdomain by free and start to install the program by clicking the icon.



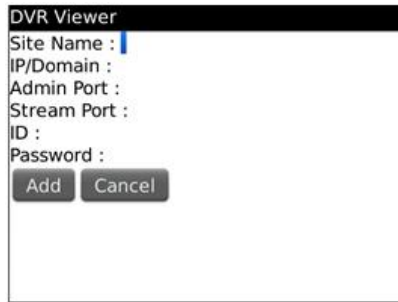
## 1.3.3 Site Registration

- After downloading the program, click “” icon in the download folder or applications folder and the following screen will be shown.



- Click “menu>New” to type the same site information with CMS site registration.





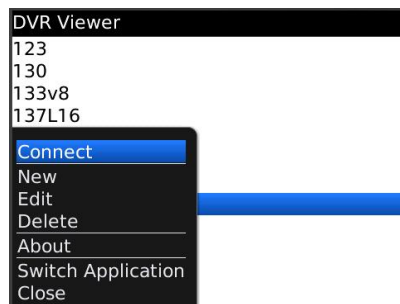
- Enter Site Name and IP/Domain.
- Enter Admin and Stream port.
- Enter ID and Password.
- Click “Add” to save the setting.

### 1.3.4 Connection

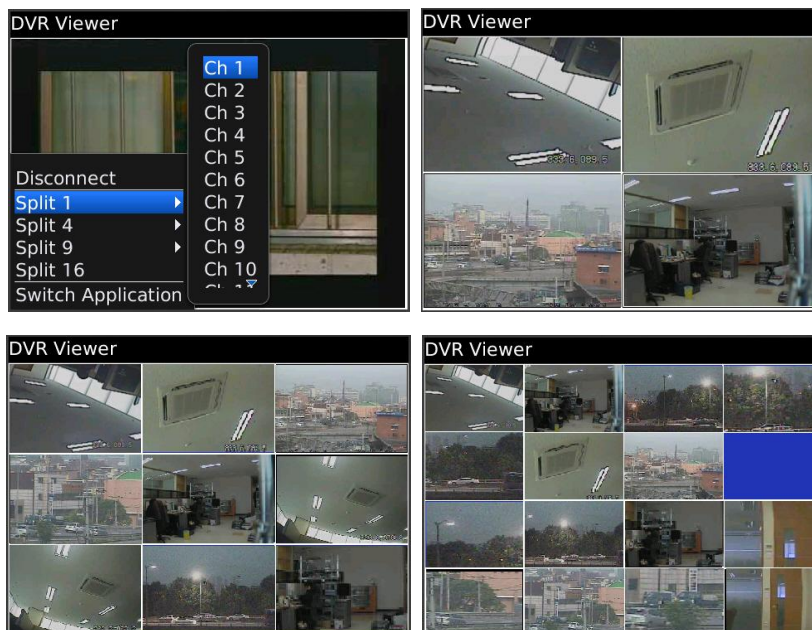
- If the site is registered appropriately, the following screen will be shown.



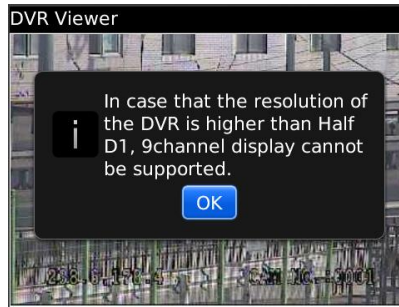
- Click “Menu>Connect” to connect the site.



- Users can select the display mode from 1, 4, 9 and 16 multi view.



- 16 channel multi view is available for CIF resolution.
- 4 channel multi view is available for H.D1 and D1 resolution.
- Only 1 channel view(full screen) is available for 720p and 1080p.
- The message as below pops up when users try to see the multi view which exceeds its resolution.



### 1.3.5 PTZ Control

- Users are able to control PTZ by blackberry phone.
- Press volume up button on the right side of the phone to zoom in.
- Press volume down button on the right side of the phone to zoom out.



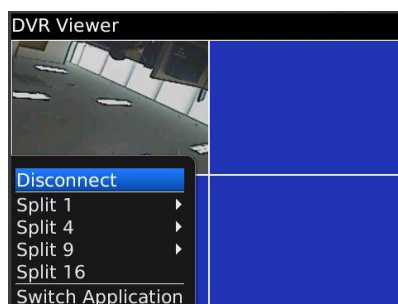
- Press 1~9 number buttons to change directions as user want.
- For example, click no. 4 to move left and no.6 to move right.
- In the same way, click no.2 to move upside and no.8 to move downside.



**(NOTE)**

As for the touch type of blackberry phone (ex. Storm), users may control PTZ in the same way as Android Phone.

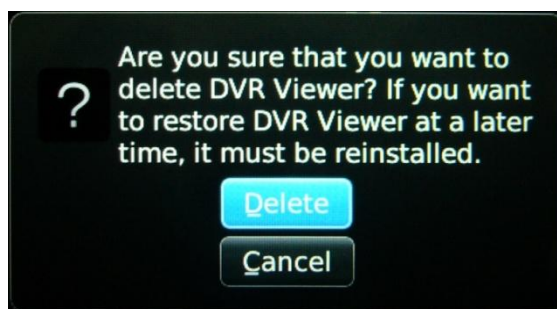
### 1.3.6 Disconnection



- When disconnecting, please click "Disconnect" and exit the mobile viewer program.

### 1.3.7 Uninstall

- Click “Menu>Delete” on the “DVR Viewer” icon in the download folder to uninstall the program.



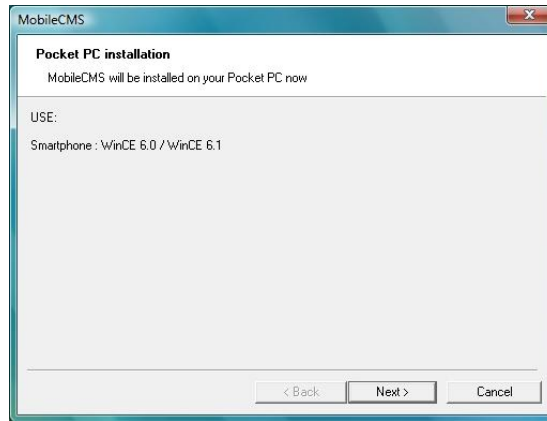
# 1.4 Windows Mobile

## 1.4.1 System Requirements

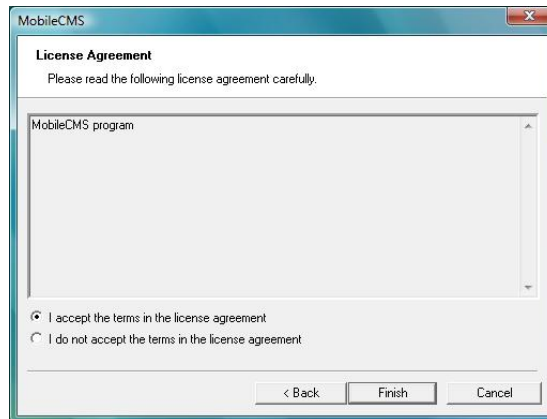
- OS : Windows Mobile Professional 6.1 or higher version.
- Memory : 512Kb or Higher.
- Device : Smartphone
- Network : Available all wireless networking method. I.e. Wi-fi, HSDPA, Wibro.

## 1.4.2 Installation

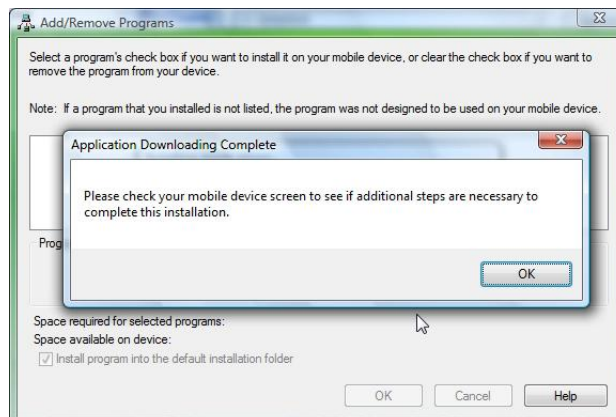
- Prepare ActiveSync program to user's PC.
  - Available download at following link.
  - <http://www.microsoft.com/downloads/details.aspx?FamilyID=9e641c34-6f7f-404d-a04b-dc09f8141141&DisplayLang=en>
  - ActiveSync enable users manage documents, calendars, contact lists and email between their PC and mobile device through a Cradle or a USB connection.
- Connect mobile device to PC then double click "Setup\_MobileCOM.exe" to start installation.
- The following screen will appear:



- Click "Next" button.



- Click accepting the license agreement, then click "Finish" button.



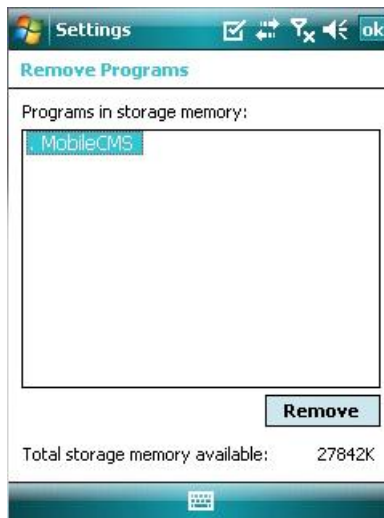
- Installation box will appear.
- Click [OK] to start installation.
- When installation completed, following pop-up will appear.
- Click [OK].
- If following message appeared, it has successfully installed.



**(NOTE)**

Depending on mobile device, successful installation message may not appear. Click [OK] when license agreement message appear.

- Move to [Programs] page to check whether CMS has installed.



### 1.4.3 Site Configuration

#### Add

- Click [Add] to appear following screen.



- Fill in correct information.
  - Site Name : Insert the name of site.
  - IP/Domain : Insert the IP address or Domain name of the site.
  - ID : Input the registered ID of the site.
  - Password : Input the password of the registered ID.
  - Command Port : Insert Command Port of the site.
  - Stream Port : Insert Stream Port of the site.
- Click [Save] then following screen will appear with registered site.

#### Edit

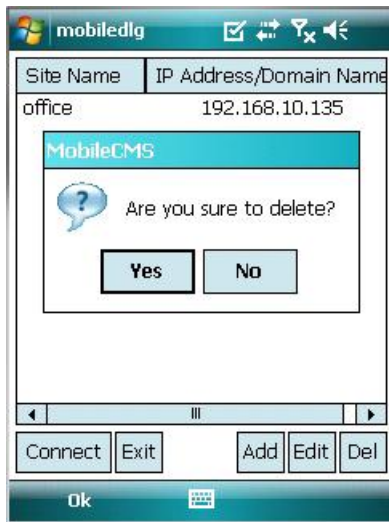
- Select a site and click [Edit] then following screen will appear.

The screenshot shows the 'mobiledlg' application interface with the 'Edit' screen. The screen displays input fields for Site Name (office), IP/Domain (192.168.10.135), ID (admin), Password (\*\*\*\*), Command Port (5920), and Stream Port (5921). At the bottom, there are 'Save' and 'Cancel' buttons.

- Correct items then click [Save].

#### Delete

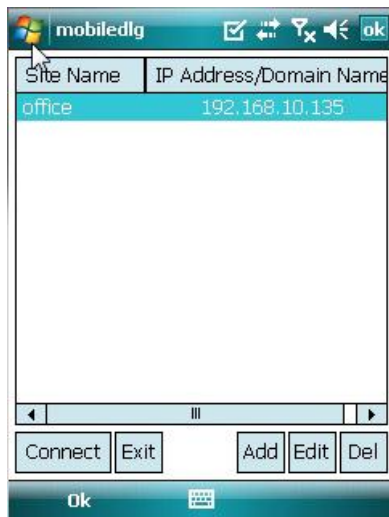
- Select a site and click [Del].
- Confirmation message will pop up.



- Click [Yes] then the site information will be removed.

#### 1.4.4 Connection

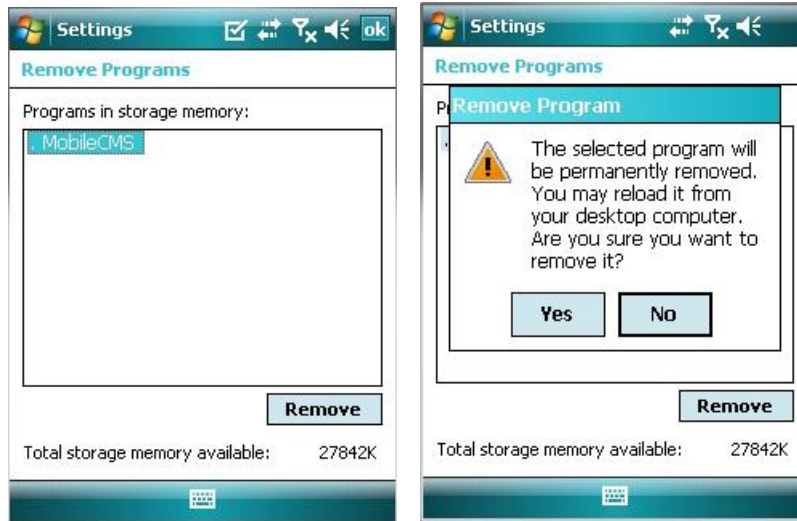
- Select a site then click [Connect].



- Live display screen of the site will appear if it is successfully connected.
- Users are able to select a camera by clicking camera button.
- Click [Disconnect] then, live display screen will be closed and Site list box will appear.

## 1.4.5 Uninstall

- Move to [Program Menu> System] then click [Remove Programs].
- The currently installed list will show up.



- Choose Mobile CMS on the list and click [Remove].
- Confirmation message will pop up.
- Click [Yes] to complete uninstall then program will be removed.