



SmartWatch[®] Eco/Eco Compact

Digital Video Recorders



SmartWatch[®] Eco



SmartWatch[®] Eco Compact

Mobile Application Installation & Operation Manual

Table of Contents

Introduction 3

Installation and Operation Instructions

1. Symbian 3

2. Windows Mobile 7

3. Google Android 8

4. Blackberry 9

5. iPhone 11

Mobile Application Installation and Operation

Introduction

It is possible to remotely monitor all channels of the DVR through your mobile device.

Before attempting to connect with a mobile device, please confirm the network function of the DVR has been enabled.
(Main menu → Network Setup → HTTP Setup → Enable HTTP Server)

1. Symbian

System requirements:

- GPRS/3G must be provided by your mobile phone service provider.
- Mobile device must support GPRS/3G protocol and Java cldc1.0/midp 2.0 environment.

1.1. Software installation

Please follow the steps outlined below to install the mobile application.

1. Download the 'DVRH264.jar' and 'DVRH264.jad' files to your mobile device from the CD that came with the DVR. Note that Sony Ericsson phone users will only need to download 'DVRH264.jar'.
2. If these files are not installed automatically by your device, install them manually.

1.2. Software operation

After the installation, enter the Program Files menu in your mobile device and run the file named 'DVRH264'.

Select 'Menu' at the right lower corner of your mobile screen to display 4 options i.e. **Login**, **Add**, **Modify** and **Delete**.

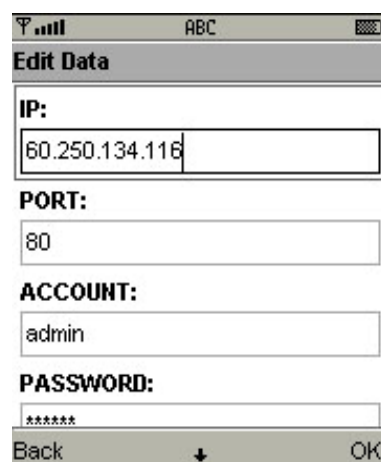


1.2.1. Add new DVR login details

Select 'Add' from the menu to enter details about the DVR you wish to log into. Enter the following information relating to the DVR you wish to monitor remotely.

- IP address
- Port number
- Account name
- Password

Once this information has been entered, select 'Add' to save the DVR's details on your mobile device.



1.2.2. Log into a DVR

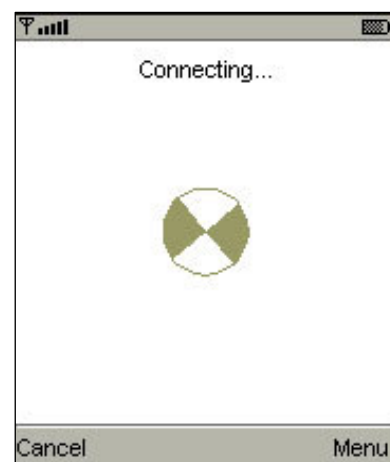
Select 'Login' from the menu to log into and monitor live images from the DVR. If multiple DVRs have been added to the mobile application, they will be listed by name. Select the desired DVR to log into.

A warning may be displayed to inform you that there could be data charges incurred as a result of connecting to the DVR. Any charges incurred will depend on your service provider and their data rates.

Connecting to the network may take some time depending on network coverage etc.

Once connected, live images from the DVR will be displayed.

N.B. Live images cannot be displayed through your mobile device unless Recording is switched on at the DVR locally.

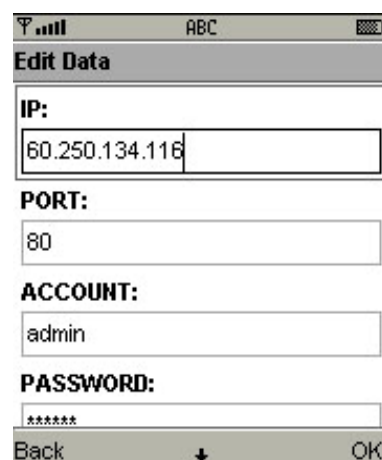
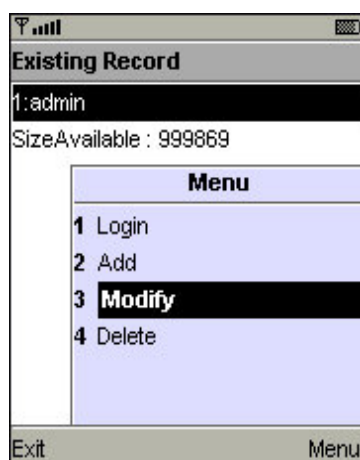


1.2.3. Modify the login information of a DVR

You can use the 'Modify' command to change the login information of a DVR. Enter the following information relating to the DVR you wish to monitor remotely.

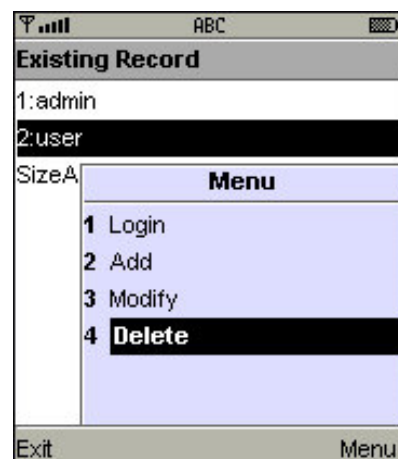
- IP address
- Port number
- Account name
- Password

Once this information has been entered, select OK to save the DVR's details on your mobile device.



1.2.4. Delete the login information of a DVR

The 'Delete' command can be used to remove the login information of a DVR that is no longer needed. Select the DVR on the name list and then choose 'Delete'.



1.3. Live monitoring

This section describes the operations available in the Live monitoring mode.

1.3.1. Scrolling through an image

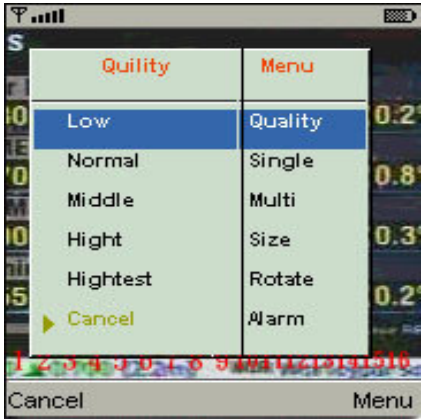
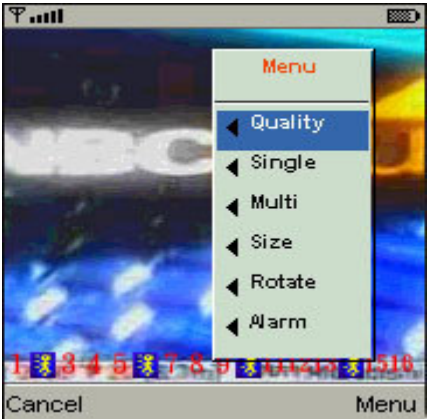
If an image is larger than the mobile devices screen, the keypad can be used to scroll through the image as follows:

Key	Action
2	Scroll up
4	Scroll left
6	Scroll right
8	Scroll down

1.3.2. Image quality setup

Select 'Quality' from the menu. Choose from one of the following options:

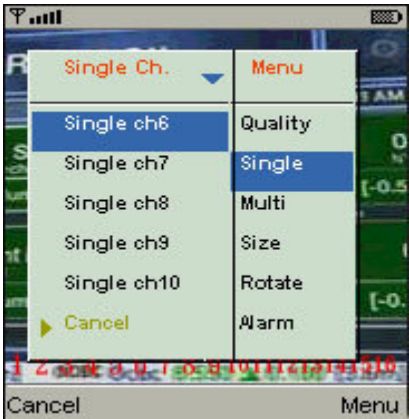
- Low
- Normal
- Middle
- High
- Highest



1.3.3. Channel display

To view a single channel from the DVR, select 'Single' from the menu and select the channel you wish to view.

N.B. Live images cannot be displayed through your mobile device unless Recording is switched on at the DVR locally.



1.3.4. Image size

To change the size of live images on your mobile device's screen, select 'Size' from the menu. 'Original' will show images at their full resolution whereas 'Fit Screen' will resize the images to fit into your mobile device's screen.



1.3.5. Image rotation




Live images can be displayed as normal or they can be rotated 90°. Select 'Rotate' from the menu to rotate the image.



1.3.6. Alarm

It is possible to receive notification of alarms from the DVR. Select 'Alarm' from the menu to switch this function on or off.

When an alarm is triggered, one of the following icons will be displayed in the status.

-  Motion detected
-  Sensor triggered
-  Video loss



2. Windows Mobile

System requirements:

- Mobile device with Windows Mobile OS 5.0 or above.
- GPRS/3G must be provided by your mobile phone service provider.

2.1. Software installation

Please follow the steps outlined below to install the mobile application.

1. Download the 'H264Pocket.CAB' files to your mobile device from the CD that came with the DVR.
2. If this file is not installed automatically by your device, install it manually.

2.2. Software operation










After installing the software, enter the Program Files menu in your mobile device and enter the folder named DVRU264Pocket. From this folder, select and run the H264Pocket program.

This application allows you to remotely log into and monitor a DVR. Press 'OK' to bring up the operation menu. See chart below for further information.

Item	Function	Description
Add	Add DVR Login Details	Enter DVR's name, IP address, Port, Account name and Password. Select 'OK' to confirm.
Login	Login to DVR	Choose the DVR that you'd like to log into. Select 'OK' to confirm. <ul style="list-style-type: none">• Live images cannot be displayed through your mobile device unless Recording is switched on at the DVR locally.• Data charges may be incurred as a result of connecting to the DVR. Any charges incurred will depend on your service provider and their data rates.
Modify	Modify DVR Login Details	Select desired DVR. Select 'Modify' and change any details necessary. Select 'OK' to save changes.
Delete	Delete DVR Login Details	Select desired DVR. Select 'Delete' to delete the DVR info.

2.3. Live monitoring

After logging into the DVR, select 'View' to bring up the operation menu.

Item	Description								
Channel	Displays CH 1~4, 5~8 etc.								
Status Bar	Check this option to display the Status Bar. The Status Bar displays the icons shown below when motion, sensor trigger or video loss is detected. <table><tr><th>Icon</th><th>Description</th></tr><tr><td></td><td>Motion Detected</td></tr><tr><td></td><td>Sensor Triggered</td></tr><tr><td></td><td>Video Loss</td></tr></table>	Icon	Description		Motion Detected		Sensor Triggered		Video Loss
Icon	Description								
	Motion Detected								
	Sensor Triggered								
	Video Loss								
Alarm	Check this option to be notified when an alarm is triggered on the DVR.								
Sound	Check this option to hear audio coming from the DVR on channels that have audio inputs.								
Full Screen	Check this option to display a single channel in full screen.								



3. Google Android

System requirements:

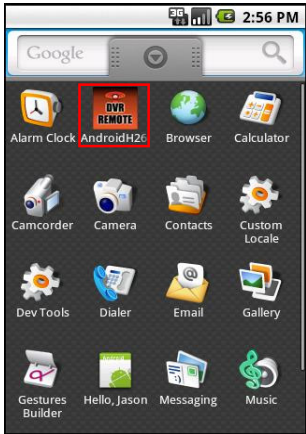
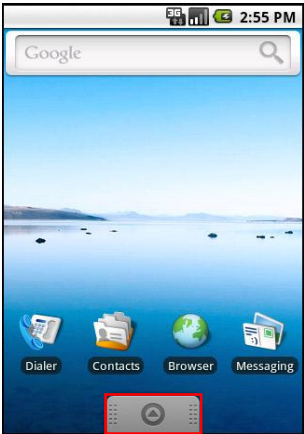
- Mobile device with Google Android OS.
- GPRS/3G must be provided by your mobile phone service provider.

3.1. Software installation

1. Download the 'gphone2009_1201.zip' file to your PC from the CD that came with the DVR.
2. Unzip this file and it will create a folder named 'gphone'.
3. Connect your mobile device to the PC via USB cable and run the installapk.bat file from the 'tools' folder in the 'gphone' folder. This will install the software to your mobile device.
4. Press any key to exit.

3.2. Software operation

On your mobile device, select  and run the 'Androidh264' program to open the mobile monitoring software.



3.2.1. Add new DVR login details

Select 'Menu' and enter the following details to connect to a DVR.

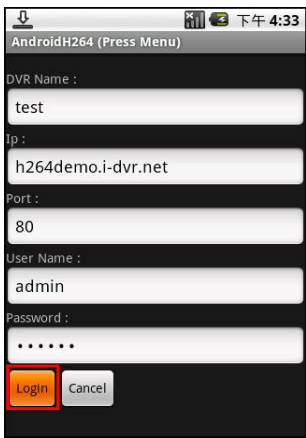
- DVR name
- IP address
- Port number
- User name
- Password

Selecting 'Login' will connect you to the DVR.

Connecting to the network may take some time depending on network coverage etc.

Once connected, live images from the DVR will be displayed.

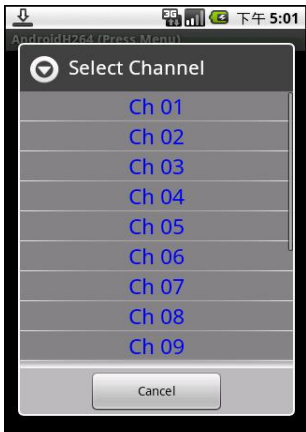
N.B. Live images cannot be displayed through your mobile device unless Recording is switched on at the DVR locally.



3.2.2. Live monitoring

Selecting the menu bar (AndroidH264 (Press Menu)) at the top of the screen will bring up a list of available channels.

Select the desired channel to begin live monitoring.



4. Blackberry

System requirements:

- Mobile device operation platform: Blackberry 9000
- GPRS/3G must be provided by your mobile phone service provider.

4.1. Software installation

Please follow the steps outlined below to install the mobile application.

1. Visit <http://na.blackberry.com/eng/services/desktop> and download Blackberry Desktop Manager 4.6. Install this software on your PC.
2. Connect your Blackberry to your PC via USB cable. Open Blackberry Desktop Manager 4.6 on your PC and it will automatically connect to your Blackberry.
3. Run 'Application Loader'.
4. Run 'Add/Remove Applications'.
5. Copy 'codname.alx' and 'codname.cod' to your PC from the CD that came with the DVR.
6. Select 'codname.alx' in Blackberry Desktop Manager 4.6 and select 'Next'. The software will be installed on your Blackberry automatically. Remove the USB cable when completed.

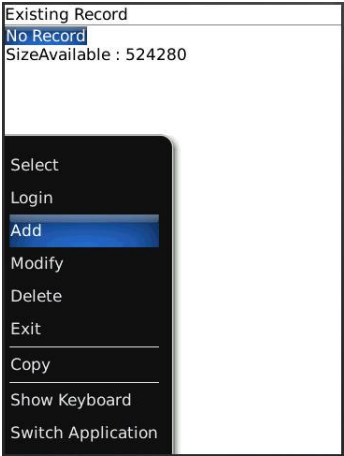
4.2. Software operation

After the software has been installed, enter the 'Download' menu on the blackberry and run the 'H.264Midlet' program.

4.2.1. Add new DVR login details

In order to connect to the DVR, input your DVR information into the Blackberry.

Select 'Option' and then 'Add'. Enter the DVR IP address, Port, Account name and Password. Select 'OK' to save.

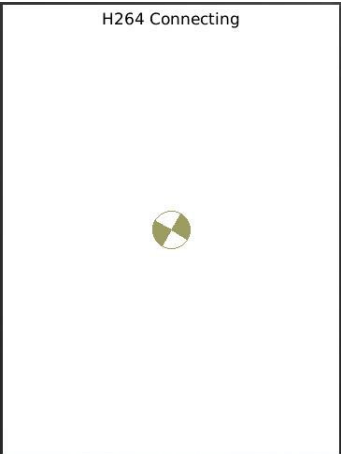


4.2.2. Log into a DVR

Information for multiple DVRs can be saved with this software so please choose the appropriate DVR to connect to.

Select 'Option' and then 'Login' to log into and monitor the DVR.

A warning may be displayed to inform you that there could be data charges incurred as a result of connecting to the DVR. Any charges incurred will depend on your service provider and their data rates.



Connecting to the network may take some time depending on network coverage etc.
Once connected, live images from the DVR will be displayed.

4.2.3. Modify the login information of a DVR

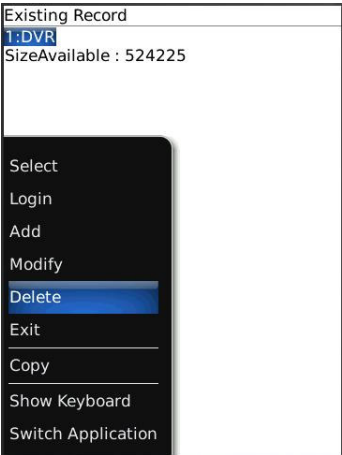
If a DVR's login information needs to be modified, follow these instructions:

- 1. Select 'Option'
- 2. Select 'Modify'
- 3. Modify the existing data
- 4. Select 'OK' to save.



4.2.4. Delete the login information of a DVR

If a DVR's login information is no longer required, it can be deleted. Select 'Option' and then 'Delete' to delete the required DVR.

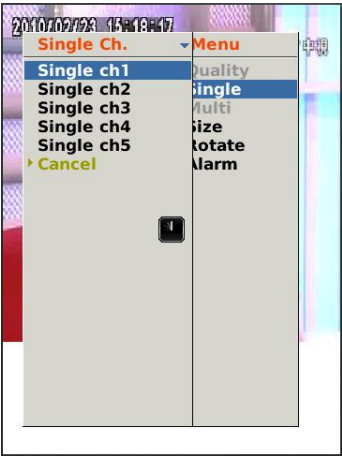


4.3. Live monitoring

While connected to a DVR, single channel view, image display changes, image quality adjustments, alarm on/off features etc. are available through the software.

4.3.1. Live image display

When viewing live images, select 'Single' to view channels 1 to 16.

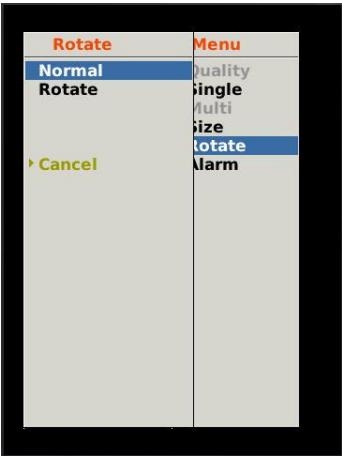


4.3.2. Image size

Due to the variety of sizes of mobile device screens, this software offers two different methods for image display. Select 'Size' in the menu to select between 'Original' and 'Fit Screen'. 'Original' will show images at their full resolution whereas 'Fit Screen' will resize the images to fit into your mobile device's screen.

4.3.3. Image rotation

Live images can be displayed as normal or they can be rotated 90°. Select 'Rotate' from the menu to rotate the image.



5. iPhone

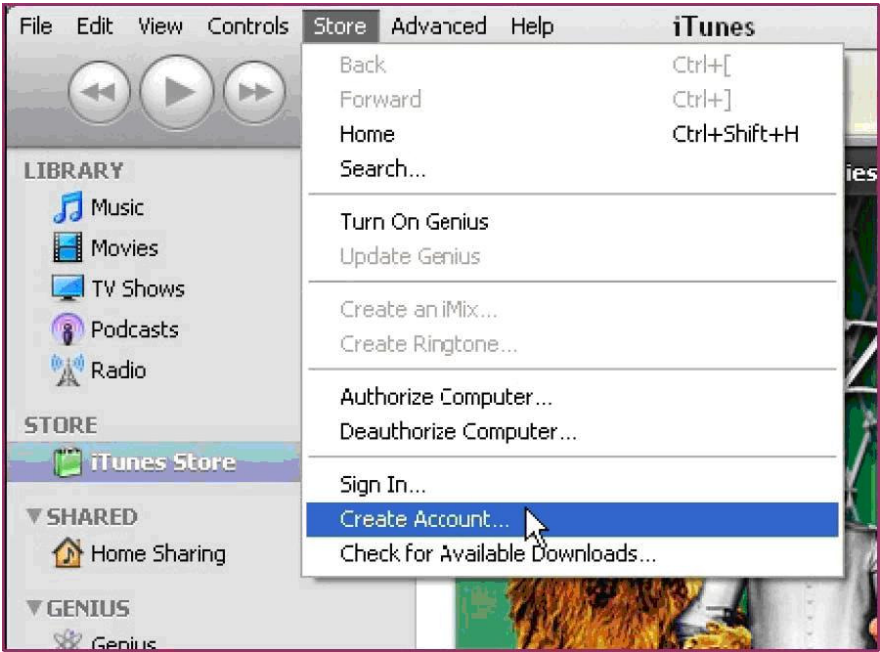
5.1. Software installation (from iTunes)

Please follow the steps outlined below to install the mobile application.

- 1. Download and install the iTunes software to your PC from <http://www.apple.com/itunes/>



- 2. Run the installed iTunes software and create an account in order to visit the iTunes store. This is done by selecting 'Create Account' from the 'Store' menu.



Follow the on-screen instructions and enter the required information. Note: You will be required to enter a Payment Method but the software required is free so you will not be charged anything for installing/using it.

- 3. Once your account has been verified, sign into your account using your username and password.
- 4. In the iTunes store, type 'scdvr' into the search bar (shown below) and press Enter.



- 5. The ScDvr icon should be displayed in the search results. Click on the icon to go to the download page.
- 6. Click 'FREE APP' to download the file.



- 7. The downloaded file will appear in the 'Applications' list in your iTunes library.

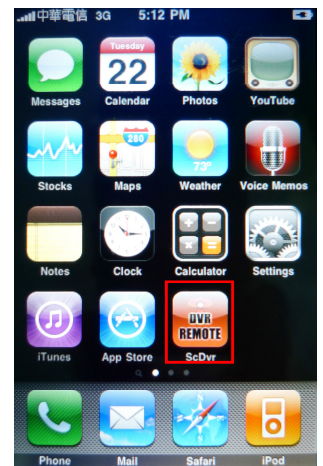


- 8. Connect your iPhone to your computer. After a few seconds it should show up on the left sidebar under 'DEVICES'.
- 9. Click on your device (1) and then click on the 'Applications' tab (2) in the main window.
- 11. Select 'Sync Applications' (3) and 'ScDVR' (4) and click 'Sync' (5).



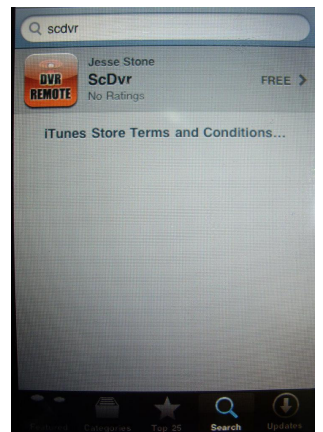
Note: The name you assign to your iPhone will determine what it is listed as under 'DEVICES' i.e. it probably will not be 'opaque' as in the above example.

11. After finishing the sync, you will find the ScDvr icon on your home screen.

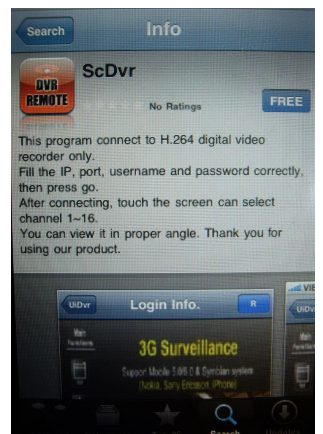


5.2. Software installation (from App Store)

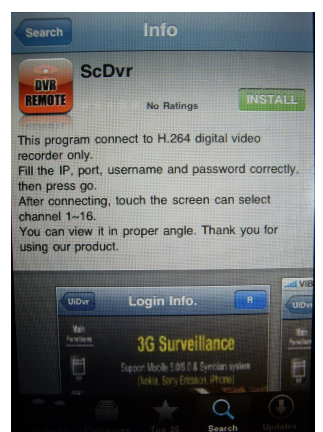
1. Using your iPhone, run the App Store program.
2. Search for 'scdvr' using the search bar.
3. Select 'ScDvr' when the search results are shown.



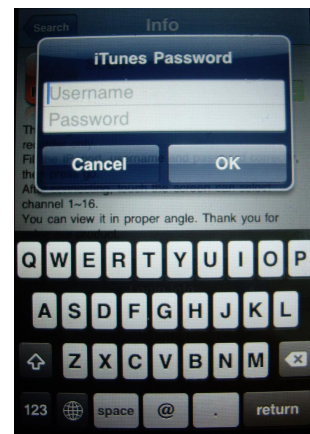
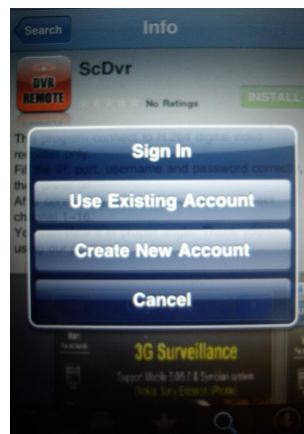
4. Select the 'Free' icon.



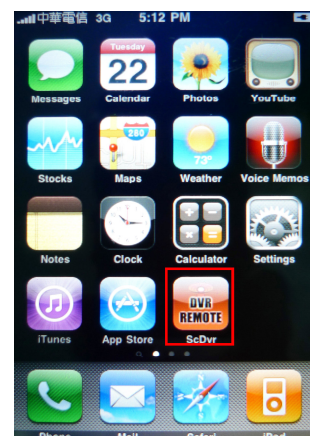
5. When the 'Free' icon changes to 'Install', select it again to begin installation.



6. When prompted to do so, either enter your iTunes account details or create a new account if you don't already have one.



7. When installation is complete, the ScDvr icon will appear on your home screen.



5.3. Software operation

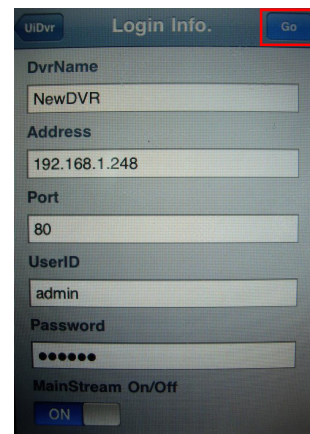
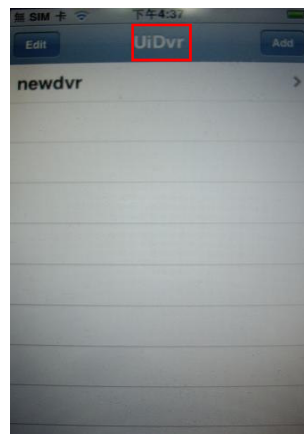
Run the ScDvr program from the home screen.

5.3.1. Add new DVR login details

Select 'Add' on the top of the screen to enter details about the DVR you wish to log into. You will need to enter the following information:

- DVR name
- Address (IP address)
- Port number
- User ID
- Password

Select 'Go' to save these details and connect to the DVR.



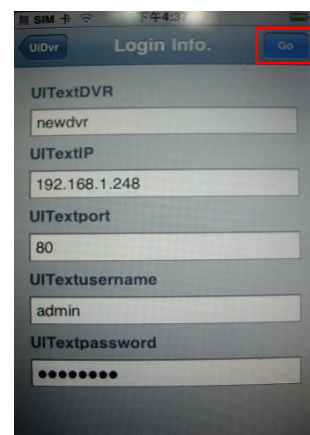
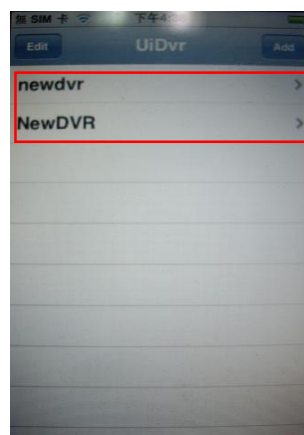
5.3.2. Log into a DVR

ScDvr can store the information of more than one DVR. Select the required DVR and then select 'Go' to log into the DVR.

Connecting to the network may take some time depending on network coverage etc.

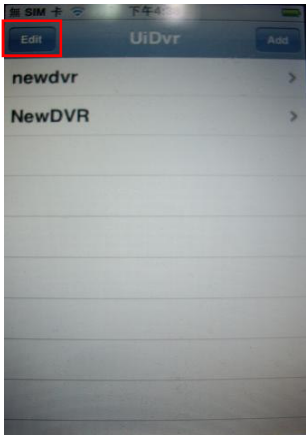
Once connected, live images from the DVR will be displayed.

N.B. Live images cannot be displayed through your mobile device unless Recording is switched on at the DVR locally.



5.3.3. Modify the login information of a DVR

To change the login information of a DVR, select 'Edit' and modify the details shown. Select 'Go' to save.



5.4. Live monitoring

This section describes the operations available in the Live monitoring mode.

5.4.1. Live display

When in Live Display, touch the lower part of the screen to bring up the control keys. With these it is possible to select the channel for viewing and also to select audio if it is available.

To return to the previous screen, select 'UiDvr'.



5.4.2. Image rotation

To change the angle of rotation of the image, select 'R' at the top of the screen. The image can be displayed at 90°, 180° and 270° as well as at the original angle.

