

iPOLiS mobile

Android ver 1.3

iPOLiS mobile is a smartphone application that enables you to control a SAMSUNG network camera or DVR remotely.

The user manual is prepared for use with the Samsung smartphone – Galaxy S.

Before reading the manual, download iPOLiS mobile from the Android market and install it on your smartphone.

❖ Enter a case-insensitive keyword such as "IPOLIS", "SAMSUNG", and "TECHWIN" for your search.

❖ When upgrading iPOLiS mobile viewer of version 1.2 from version 1.0 you need to re-register devices that were listed to the existing version.

This application is optimized for Android OS 2.2 or 2.3.
Recommended Smartphone Galaxy S/S2

1. To register an external device

Before registering a device

3G (HSDPA) data communications may charge you with excessive fees and can cause a delay or loss in data communications. So we recommend you to use the Wi-Fi communications.

Check the recommended settings below:

- Recommended settings of a network camera:
 - If using 3G communications :
4fps @ 320x240
 - If using Wi-Fi communications :
8fps @ 320x240



- Depending on the communication environment, the accessible number of users to the network camera can be limited.

Recommended settings of DVR:

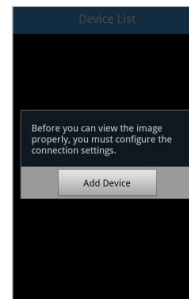
- If using 3G communications :
320x240, Quality (low)
- If using Wi-Fi communications :
320x240, Quality (low)
 - The bandwidth of DVR should be set to less than 800Kbps. (The audio may not be supported if the bandwidth is set to less than 200Kbps)
 - The network connection may be unstable or disconnected depending on the Wi-Fi / 3G network conditions.
 - When using the audio menu, it is recommended to adjust the volume to less than medium.
 - The resolution settings in DVR will be applied commonly to CMS, mobile Viewer and Web Viewer.



To register a device

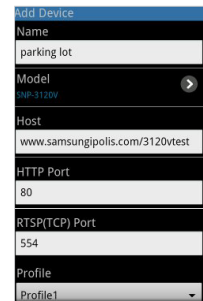
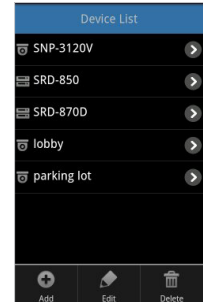
When you launch the application for the first time, you will see the <Add Device> confirmation message.

- From the start screen of iPOLiS mobile, tap <Device List>. The Add Device screen appears. If the device is already registered, you will see the device list instead.



- Provide necessary information for the device that you want to connect.

- Name: Enter the device title or create a new one.
- Model: Select a model of the device to connect. Select a model that is appropriate to the channel number as the DVRs are classified by the channel number.
- Host: Enter the IP address or host name (registered with DDNS) of the external device according to your Internet connection environment.
- HTTP port: Enter the connection port for the external device.
- RTSP(TCP) Port: Enter the RTSP or TCP port specified in the device. For DVR, you must use the last port number of the set range in the device.
 - If the port range of the DVR device is between 554 and 558, enter 558.
- ID: Provide the device ID that you have specified.
- Password: Provide the password for the device that you have specified.
- Profile: From those items that will be displayed If selecting other camera than DVR family(SRD or SDE), select a camera profile to be displayed on the phone screen.



4. To change the channel for the connected DVR

To change the channel

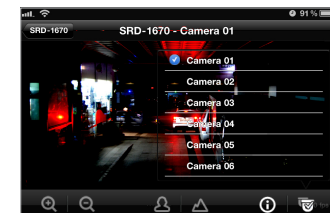
1. If you had set the camera connection mode to <ALL> when registering the DVR device, you will see a 4-split screen by default.
2. Tap <☰>.
The camera list appears.



3. Select a channel to display on the screen.
If you select channel 7, channel 5 through 8 will be displayed on the screen.
4. You can switch to the next split mode by dragging the screen from right to left.
 - When connection for each and every channel is completed, try to switch to the next split mode.

To switch to Single screen mode

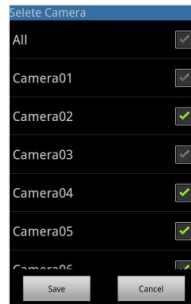
1. Tap and hold a channel screen to switch in 4-split mode, or slightly tap it twice.
 - If you tap the single mode screen, the Pan/Tilt operation will be performed.
 - In Wi-Fi network environment, you can listen to the audio signal if selecting the Single Screen mode.
2. To switch the channel in Single screen mode, tap <☰> and select a desired camera channel.



- Only registered cameras will be displayed in the list.

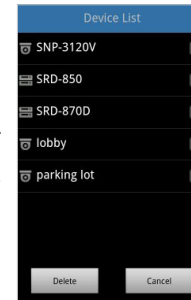
- Camera: From those items that will be displayed if selecting a DVR family(SRD or SDE) model to add, select a camera channel to be displayed on the phone screen.

3. Provide necessary information and tap <Save>.
When done, your settings will be displayed in the device list.
4. To add a device, press [MENU] on the smartphone from the device list.



To delete the device information

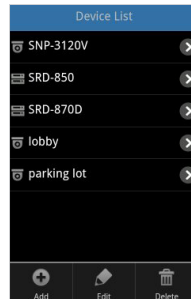
1. Press [Menu] on your smartphone. You will see the button bar on the bottom of the screen.
2. Tap <☰>.
3. Select a device to delete from the list. If there is only one device in the list, it will be deleted automatically.
4. When done, tap <Delete>.
The selected device will be removed from the list.



2. To edit or delete the device information

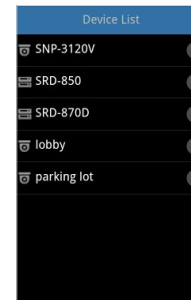
To edit the device information

1. Press [Menu] on your smartphone. You will see the button bar on the bottom of the screen.
2. Tap <☰>.
3. Select a device to edit from the list. You can also tap <▶> in the rightmost of the device item.
4. When you have completed your changes, tap <Save>.

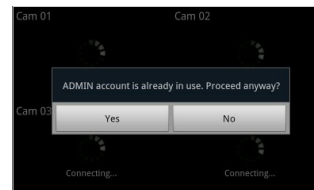


3. To connect to an external device

1. Launch IPOLiS mobile, and tap <Device List>.
2. When the device list appears, tap the device name to connect. Video from the selected DVR or camera will be played.



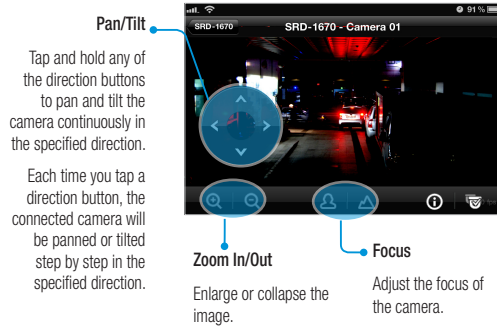
- If selecting a DVR family(SRD or SDE) model, you will be prompted to forcibly disconnect from the previous device and connect to a network viewer (if connected) in a different form such as CMS or Web Viewer.




5. To control the camera

You can connect to and control a registered device remotely.


1. Tap the default single video screen.
You will see a list of menu items available in Live mode.
2. Use the navigation bar to control the connected device remotely.
You can drag and drop the default screen manually to perform the zoom in/out or pan/tilt operation and adjust the focus.



1.  As long as the menu buttons are floating, you cannot drag and drop the image for the zoom in/out or pan/tilt operation.
2. The focus adjustment is available only for a SRD-series model.
3. Tap the screen again to return to the default video screen.

6. To check the device information

You can check the configuration information of a registered device.

1. In the bottom of the Connect Device screen, tap .
2. To change the device settings, you should make a change manually for each setting item.

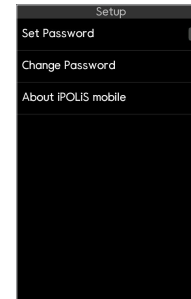


7. iPOLiS mobile Setup

You can specify the use of the password for launching iPOLiS mobile or check the information of iPOLiS mobile.

To set the password

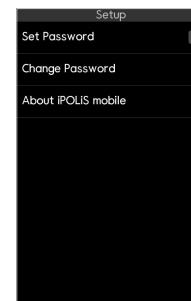
1. From the start screen of iPOLiS mobile, tap **<Setup>**.
2. Select **<Set Password>**.



3. Enter a new password.
The **<Set Password>** checkbox will be changed to . Then, you are prompted to enter a new password.

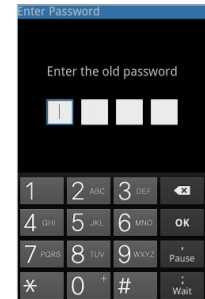


4. To cancel setting the password, tap **<Set Password>** again.
5. If you enter the currently registered password, the password setting will be canceled.



To change the password

1. Tab **<Change Password>** in setup screen, then enter the new password.



To check the iPOLiS mobile information

1. From the iPOLiS mobile setup screen, tap **<About iPOLiS mobile>**.
2. You can check the information of the current version of iPOLiS mobile.

1.  This application uses FFmpeg and SDL under LGPL v2.1.

