# SAMSUNG

# iPOLiS
# mobile

**English**  iOS ver 2.8

Hanwha's iPOLiS mobile is an iOS based dedicated application for smartphones and tablet PCs to remotely monitor and control Hanwha's network based products.

The iPOLiS application can be downloaded freely and installed from the App Store.

❖ To search iPOLiS mobile application from App Store, type "**iPOLiS**" or **"TECHWIN"** and run a search, ignoring the letter case.

# 0. Before Installation

To receive video by connecting your handset to the NW equipment, your handset must satisfy the following requirements.

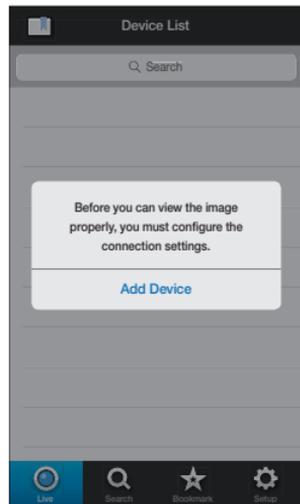| Item | Recommended |
|---|---|
| CPU | 1.3GHz DualCore or higher |
| RAM | 1GB or higher |
| Available RAM | 100MB or higher |
| OS | iOS 8, iOS 9 |

- The video service involves lots of data transmission, so if you use 3G or 4G (LTE) data communication service, excessive fees can be charged according to your service provider's policy.

- To receive reliable video support, the network speed shall be as fast as 10Mbps, and when you access the 3G network or if you are under unstable Wi-Fi connection environment, the video can be delayed or disconnected.

- As Wi-Fi connections may not be secure, please install anti-virus software on your mobile device. The device testing environment for software quality is as follows:

  - Apple iPhone 5 (iOS v8.4.1) model
  - Apple iPhone 6 (iOS v9.3.2) model
  - Apple iPhone 6S (iOS v9.3.4) model
  - Apple iPhone6S (iOS v10.0) model
  - Apple iPad2 (iOS v8.3) model
  - Apple iPad Air (iOS v9.3.2) model
  - Apple iPad Mini4 (iOS v9.3.2) model

# 1. Register and search a device

## To Add a Device

**1.** Move to the Add Device page.

① If visited with no added device for the first time, <**Add Device**> message appears.

② If you want to add another device once your device is already registered, go to the Settings tab, tap the <**Device List**> menu and touch the < **+** > button in the upper-right corner to launch the Add Device page.

**2.** In the <**Add Device**> screen, touch the <**Auto add**> button to launch the list of available devices. Touch your desired device.

> ⚠ ▪ Once your smart phone is connected to the Wi-Fi network where the device is connected, iPOLiS automatically detects the device.
>
> ▪ If you are on a 3G network, you may not search for the device list.

Device List

🔍 Search

Before you can view the image properly, you must configure the connection settings.

Add Device

Live  Search  Bookmark  Setup

‹ Add Device  Search  ↻

| Model | IP/DDNS |
|---|---|
| SNB-8000 | 192.168.0.78 |
| SNP-5321 | 192.168.0.59 |
| SRN-1670D | 192.168.0.226 |

**3.** Enter the device information to connect.

If your device is not found, you will need to enter the device information on your own.

| Cancel | Add Device | Save |
| --- | --- | --- |
| | Auto add | Tip |
| Name | Enter device name. | |
| Model | N/W CAMERA, ENCODER SNB-8000 | > |
| Address Type | IP | DDNS |
| IP | 192.168.0.78 | |
| HTTP Port | 80 | |
| RTSP Port | Enter RTSP port. | |
| For optimal result with live monitoring, it is recommended to configure the video profile as advised in help document. | | |
| ID | Input User ID. | |
| Password | Input password. | |

- Name : Name the device as desired.
  - If you don't enter the name, the IP address or DDNS of the device to be added is used by default.

- Model : Select one from the product type listed.
  - Actual model name is not required, it's automatically assigned after adding the device.

- Address Type : Enter the IP address or DDNS of the device to connect depending on the internet environment.
  - If you select IP as the address type, enter the IP address; if you select DDNS, enter the DDNS.

- HTTP Port : Enter the connection port for the device.

- RTSP Port : Enter the RTSP port number configured for the device.
  - For DVR and HW NVR, enter the last port number of port range configured for the device. For example, if the range is 4520~4524, enter 4524.

- ID : Enter the device ID that you have specified.

- Password : Enter the password for the device that you have specified.

- If you register your device with <**Auto add**>, model / address type / IP and DDNS / HTTP port are automatically entered.

- SW NVR does not support the auto search function.

- Some DVR models support DDNS-based auto searches.

- If you want to use this on a 3G/LTE network, you need to either register a DDNS ID or set it up as public network.

- You can register a DDNS ID at ddns.hanwha-security.com.

4. Provide all necessary information and touch <**Save**> button.

5. Select a profile.

- User must select a profile for video recording if the device to be added is a network camera or an encoder. A profile's properties can be viewed and edited with Web Viewer, where iPOLiS mobile only provides selecting one that is optimal for the displaying device from existing profiles.

6. Select a channel.

- For adding a DVR/NVR, user must select a channel for the connection. A channel's properties can be viewed and edited with Web Viewer, where iPOLiS mobile only provides selecting channel to monitor, for the displaying device.

7. Once completed with connecting to the device, it is added to the device list.

- If settings of the added device are edited on the Web Viewer after adding it to your application, then iPOLiS mobile may fail to recognize changed settings. In such cases, move to the editing page of the corresponding device and touch <**Save**> button to revive the connection again.

### ❖ Recommended Profile Information

It is recommended to set the profile as shown below for optimal Live video monitoring with iPOLiS mobile.

**Configuration**

| Device | | Device Profile Setup Menu |
|---|---|---|
| Network Camera | | Video Profile |
| DVR | | Live Transfer |
| NVR | HW | Live Streaming |
| | SW | Live Streaming Video Source 2 |

**Live recommended profile settings**

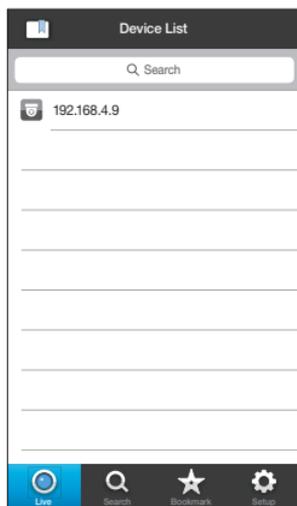| Codec | Resolution | Frame Rate | Compression / Transmission Quality |
|---|---|---|---|
| MJPEG | 320X240 / CIF | 5fps | Normal (10) |
| H.264 | 320X240 / CIF | 10fps | Normal (10) |
| H.265 | 320X240 / CIF | 10fps | Normal (10) |

- Network camera supports up to full HD (1920 x 1080) resolution. Only supported storage devices are compatible with full HD resolution.

- If either width or height of the video is 2040 pixel or greater, it can not be monitored with MJPEG.

- According to the network stability, connection may suffer from stuttering or interruption.

## Searching a device

To search a registered device in the device list on the Live/Play tab, enter the name of the device.
The list of devices containing the search word will be filtered and displayed.

# *2. Edit, delete and export a device list*

## To edit the device information

**1.** Touch the Settings tab.

**2.** Select a device from the <**Device List**> and touch < > > on its right.

**3.** When you have completed your changes, touch <**Save**>.

## To delete a device

**1.** Touch the Settings tab.

**2.** Select a device from the <**Device List**> and touch < > > on its right.

**3.** From the Edit Device screen appeared, touch <**Delete Device**>. The selected device will be removed from the list.

> ▪ Slide from right to left on the displayed device name to display delete button. Touch it to delete the device from the device list.

## Exporting a device

**1.** Touch the Settings tab.

**2.** In the "**Register**" menu, touch <**Device List**>.

**3.** Touch the Export < ⬆ > to the right of the device list.

**4.** **When an email address is set on the terminal device** Configure a password and enter the email address of the recipient.

> ▪ To set a password, please refer to "**Setting a Password**" (page 28).

**5. When no email address is set on the terminal device**
A pop-up window saying "No email address found. Please register an email account to send an email." will be prompted. Select an email to be used on the terminal device and follow the steps from 1 through 4 above.

- This function is supported by iOS 8.0 or higher.

- Export file contains device access information.
  Please be careful about security when using the file.

## Importing a device list

❖ **In the case of using an app that comes with the operating system**

**1.** Touch and hold the attachment of the applicable email.

**2.** Select an app (iPOLiS mobile) to apply.

**3.** Enter the password that was set at the time of exporting a file.

❖ **In the case of accessing the email with a browser**

**1.** When selecting a file, select "Open As..." or "Share", then select an app to apply.

**2.** Enter the password that was set at the time of exporting a file.

- This function is supported by iOS 8.0 or higher.

# 3. Editing a Favorite

## To add a channel to your Favorite View

### Method 1) When a live video is monitored

During a live video replay, a user's preferred channels can be added to the Favorite View.

**1.** Select your video, then go to the lower-right corner and touch the < ▢ > button.

**2.** When the Add popup appears in the Favorite View, enter a note and save it. Inserting a note is optional, and it can be saved without input.

> ▨  ▪ Up to 100 items can be registered in the Favorite View. If the limit is exceeded, some items will be selectively deleted.

**3.** If you want to check the Favorite View, go to the Live tab and touch the < ▢ > button. The Favorite View will pop up.

### Method 2) When a new layout is configured

A user can register a device for himself and configure its layout.

**1.** Touch < ▢ > button in upper-left corner of the device list and move to the Favorite View.

**2.** Touch < + > button.

**3.** Select a device to register between Camera/Encoder and NVR/DVR.

**4.** Select a spit-screen mode between 4-split and 9-split modes.

**5.** Touch < ➕ > button.

**6.** Select a device to register from the device list.

**7.** Enter a name for the selected Favorites screen and touch <**Done**>.

> 📝 ▪ If you want to change a registered channel location, change a channel tile's location by dragging and dropping it.
>
> ▪ If you want to delete a registered channel, move it onto < 🗑 > by dragging and dropping it.
>
> ▪ It is possible for a camera to combine multiple devices and form a layout. For NVR/DVR, it is possible to form a layout only using channels within a device.



Add Favorites screen:
Cancel — Add Favorites — Done
1. Select a device to register.
Camera/Encoder | NVR / DVR
2. Select a split-screen mode.
➕ WISENET
WISENET WISENET
3. Enter a screen name.

### To modify the Favorite View

**1.** Touch Edit < ✑ > on the Favorite View screen.
Moves to List Edit screen.

**2.** Can add or delete a channel. Can modify a screen name. Can change a tile's location.

> 🖉 ▪ For a Favorite setup in a live video, it is possible to change the only Favorite name.

### To delete the Favorite View

**1.** Drag a Favorites item to delete from right to left.

**2.** Touch <**Delete**>.

**3.** Touch <**OK**>.
A selected Favorites item is deleted from the list.

## To connect to a device

**1.** Run iPOLiS mobile, and touch the desired device to be connected once device list appears.

**2.** Selecting a network camera or encoder will display video screen in one-channel mode.

**3.** Selecting a DVR/NVR will display 4-split video screen in quad mode.

> - 4/9 channel modes can be selected for NVR.
>
> - Since the connection may be unstable due to the network environment, please use a recommended profile for multi-channel mode.
>
> - If you don't register a DDNS ID for the device connected to the router, you cannot use the device on a 3G/LTE network.

## To change the channel

**1.** If the screen is touched, control buttons pop up on the upper screen.

**2.** Touch the Channel Change icon < >. The camera list appears.

**3.** Select a channel to display on the screen.

📝 ▪ In case of the 4 channel mode, 4 channels are grouped as one, which results displaying CH5 ~ CH8 if selected channel 7.

▪ In case of the 9 Channel mode, 9 channels are grouped as one, which results displaying CH10 ~ CH18 if selected channel 11.

▪ In case of the 4 Channel mode, you can move in a group of 4 channels.

▪ In case of the 9 Channel mode, you can move in a group of 9 channels.

▪ The 9 channel mode is provided only in NVR.

▪ If you want to change a channel's location, change a channel tile's location by dragging and dropping it.

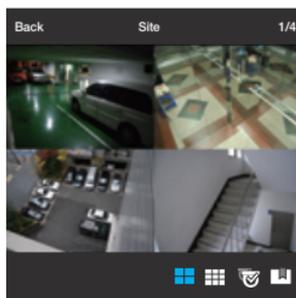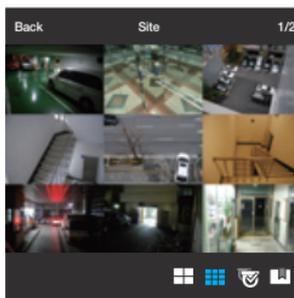| | |
|---|---|
| 👆 | If you slide the screen with your finger from right to left while in multi-channel mode, you will move to the next split screen. |

## To switch to one-channel mode



Double-tap one of the screens displayed in multi-channel mode to change it to 1-channel mode.

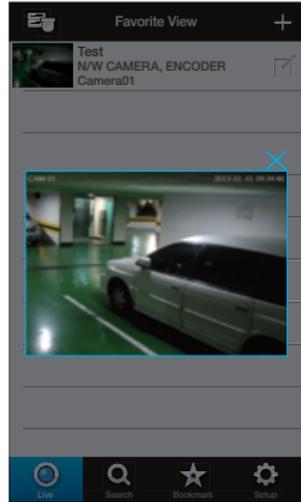 ▪ If you want to switch to the split mode, then in the bottom of the screen, click the channel icon.



<4 Channel mode>
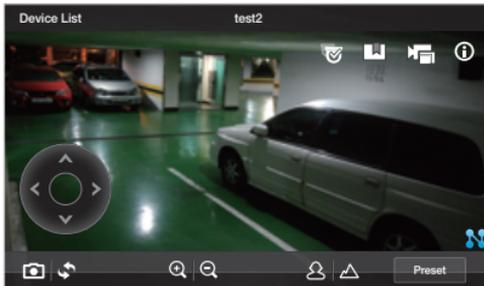
<9 Channel mode>

## To view the video marked as favorite

**1.** Select Live-<  > Tab.

**2.** If you click a desired item in your Favorite View, the selected list's live video will be played.

**3.** Click the desired thumbnail image in the list to view a magnified image.

# 5. Controlling the Live Video

iPOLiS mobile supports video control only in one-channel mode.



## To check device information

You can check the configuration information of a registered device.

**1.** Touch Check Information < ⓘ > icon in the upper right corner.

**2.** A popup window with basic information of the connected device appears.

> ▪ To change the device settings, you should make a change manually for each setting item.

## To select a profile

A camera profile can be selected.

**1.** Touch the Profile < 🖳 > icon in the upper-right of the screen.

**2.** If a profile is selected from the list, a video is displayed using that profile.

> ▪ Profile selection function supports network cameras and some DVR/NVR only.

## If you want to move the channel

You can move the channel of the registered device.

**1.** Touch the move channel < 🐮 > icon at the upper-right area of the screen.

**2.** Once you select the channel you want to move to when prompted, you can move to the channel.

> ▪ This function is available for DVR/NVR model.

## Checking the video receiving state

You can check the video receiving state using the < 🔗 > icon displayed at the bottom right of the screen.

## To save the captured screen

Captures the currently displayed image and saves to the device storage as an image file.

**1.** Touch the screen to display menu and touch < 📷 > icon.

**2.** The captured screen is saved as an image file in the device's image folder.

## To flip video image displayed

You can flip video image by rotating 180°.

**1.** Touch the screen to display menu and touch < ↩ > icon.

**2.** Touch again to revert to the original screen.

## To control zooming

You can control the network camera's optical zooming remotely.

**1.** Touch the screen to display control buttons near the bottom.

**2.** For zoom-capable cameras, touching < ⊕ > icon zooms in, and touching < ⊖ > icon zooms out.

> ▪ Zooming range and level differ from camera to camera.
>
> ▪ The model that provides the PTZ function among box camera products displays the Zoom In/Out buttons, but these buttons do not work and the digital zoom in/out functions also do not work.
> The optical zoom in/out works when connected to the external Pan/Tilt drive.

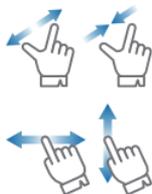| | |
|---|---|
| | You can also zoom in by pinch open using two fingers on the screen. To zoom out, pinch close on the screen. |

## To control digital zooming

This function is for cameras not supporting optical zooming.

**1.** Touch the screen to display control buttons near the bottom.

**2.** Touch < ⊕ > button to zoom in, and touch < ⊖ > to zoom out digitally.

> ▪ Current digital zooming level is noted next to the digital zoom box, and digital zooming supports zooming up to x16.

| | |
|---|---|
| | You can also zoom in by pinch open using two fingers on the screen. To zoom out, pinch close on the screen. |
| | Touch and hold to drag the screen in any direction to reveal the hidden part of the image if enlarged bigger than the screen. |

## To control Pan / Tilt

Supported by PTZ cameras only.

**1.** Touch the screen to display Pan/Tilt control buttons on the screen.

**2.** Touching the direction button moves camera's pan/tilt to the next step one by one.

**3.** Touch and hold any of the direction buttons to pan and tilt the camera continuously in the selected direction.

- Pan/tilt range and level differ from camera to camera.

- For a model that supports the external PTZ function among box camera products, the Pan/Tilt button works when the external Pan/Tilt drive is connected.

| | Drag the screen in up/down/left/right direction to pan/tilt the camera. Note that iPOLiS mobile does not recognize diagonal direction, which will interpret user's dragging as the closest vertical or horizontal dragging. |
|---|---|

- Pan/tilt control result requires time for processing, since the command should reach camera device and performed by the camera. Video data size grows as the camera moves, which may result in delayed display. In 3G networks, it may take more than a few seconds to receive video data.

- In a network environment of poor stability, using pan/tilt control with lower video quality settings may help reduce such delays.

## To adjust focus

Supported by PTZ cameras only.

**1.** Touch the screen to display focus control buttons on the screen.

**2.** Use Near Focus < 🔍 > and Far Focus < △ > icons to adjust the focus range.

> ▪ This function is provided for DVR/NVR models.

## To listen to the Live Audio

You can hear sound if the network camera supports audio, and you can hear audio from a storage device in a single channel mode.

> ▪ In case of DVR, audio becomes not available for setting of less than 200 kbps.

## To run presets

You can run the preset saved in the network camera or NVR.

**1.** Click the preset button to upload the saved preset list.

**2.** Select the desired list. You can run the preset saved in the camera or NVR.

> ▪ The preset function is provided only for the camera models that support external PTZ functions and the new CGI(SUNAPI).
>
> ▪ The preset function is provided only in NVR models supporting the new CGI (SUNAPI).
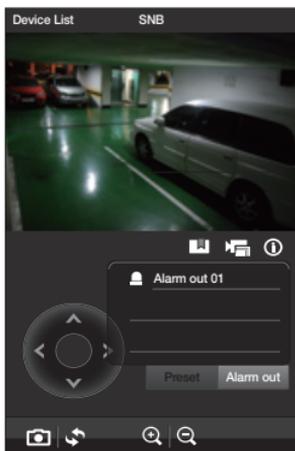
## To control alarm out

An alarm out saved in the network camera can be executed.

**1.** Click the alarm out button to load the alarm out list.

**2.** The current status of each list can be viewed using the alarm out lists.

   - Blue : Alarm out On

   - White : Alarm out OFF

**3.** Select the desired list. An alarm out saved in the camera can be controlled (On/Off).



> ✎ ▪ The alarm out function is provided only for the camera models that support new CGI(SUNAPI).

# 6. Searching / Playing Saved Video

## If you want to play based on date/time

Touch the place tab < $\boxed{Q}$ > in the bottom area of the screen, and you can view the list of playable devices.

**1.** Select the device to be played and touch it.

**2.** Select the channel where you want to play.

**3.** The date when the playable data is saved in the channel of the selected device will be displayed on the calendar. Touch < ◄, ► > button on the calendar's both ends of year/month indicator to traverse to the previous/next month.

**4.** If you touch the date when you want to play it, a circle-type time line (24 hours) will appear. Time zones where there is playable data are classified by color.

- ■ If there are overlapping multiple data for the same time range, an overlapping list appears.

- ■ For a network camera, the above 2, 3 channel selection processes are omitted.

- ■ On a network camera, only the device type supporting new CGI(SUNAPI) provides a play function.
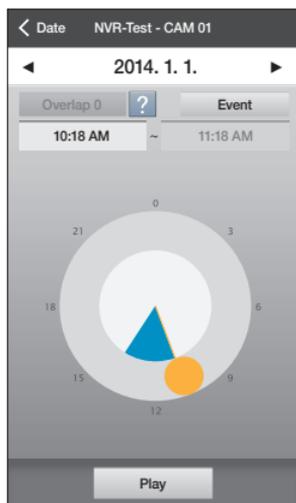
## To play searched video

After searching with date/time, set the beginning time to play the selected video.

**1.** Check the time line and drag [ ⬤ ] to the play time zone you want, and set up the starting time or enter the time manually.

**2.** Touch the <**Play**> button to start video playback, and it will play for about 60 minutes from the start time.
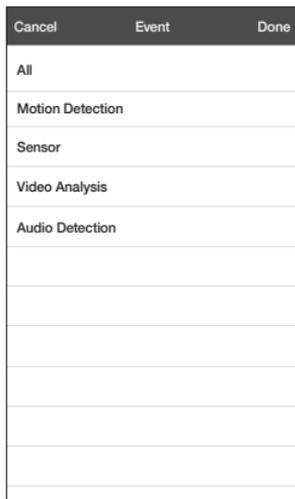


📝 ▪ If the recorded video being played has interval of having no video, playback skips such interval and continues from the next existing position. The displayed play time may be different than the actual recording time depending on performance of network and playing device.

▪ To ensure smooth playback, audio is not supported.

## To play event searched video

After searching based on date/time, set up the start/end time to check the video.
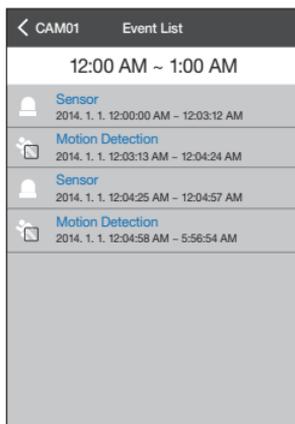
**1.** Touch the <**Event**> button to select a desired event and touch <**Done**>.

**2.** Check out the time line and drag [ 🟡 ] to the play time zone you want, and set up the starting/ending time or enter the time manually.

  ▪ The start and end time should be set to less than 60 minutes.

| Cancel | Event | Done |
| --- | --- | --- |
| All | | |
| Motion Detection | | |
| Sensor | | |
| Video Analysis | | |
| Audio Detection | | |

**3.** Touch the <**Done**> button to show the list of events within the designated time period.

**4.** Select the desired list to play video.

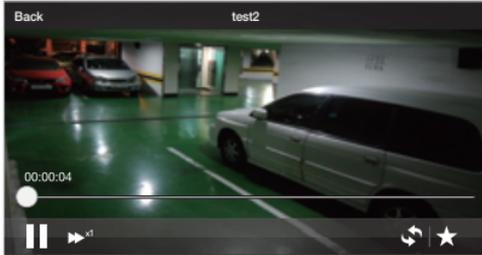| ‹ CAM01 | Event List |
| --- | --- |
| 12:00 AM ~ 1:00 AM | |
| Sensor 2014. 1. 1. 12:00:00 AM – 12:03:12 AM | |
| Motion Detection 2014. 1. 1. 12:03:13 AM – 12:04:24 AM | |
| Sensor 2014. 1. 1. 12:04:25 AM – 12:04:57 AM | |
| Motion Detection 2014. 1. 1. 12:04:58 AM – 5:56:54 AM | |

  ▪ If the video ends earlier than 60 minutes from the beginning, it will skip to the next existing video and continue playback.
  Displayed playback time may be slightly different from the actual recording time due to the network or the decoding performance of the playback device.

  ▪ To ensure smooth playback, audio is not supported.

## To control playback

It provides basic playback control.



1. Touch the screen to display control buttons near the bottom.

2. To stop playback, touch < **II** > button. Then playback pauses and the button switches to < ▶ >.

3. To resume again, touch < ▶ > button.

4. To control playback speed, touch < ▶▶ > button and the playback speed indicator appears.

5. The video is played at the selected play speed.

6. Touch < ↻ > icon to flip video image by rotating 180°.

## To use the Timeline

You can jump to a certain point of playback by selecting time point on the timeline.

**1.** Touch the screen to display 60-minute timeline.

**2.** Touch the time picker < ▭◯▬▬ > on the timeline, and drag it to a desired time point to skip to that point.

**3.** Touching the timeline automatically pauses the video playback. Move the time picker and touch < ▶ > button to resume playing.

## To use Bookmark

You can bookmark a certain playback point on the video as a starting point.

**1.** While playing a video, touch < ★ > button at a desired point to create a bookmark.

**2.** The Add Bookmark popup appears, enter a note of the bookmark and save it. Bookmark will be saved even if you don't enter a memo.

> ▪ Up to 100 bookmarks can be added, and selectively deleted once exceeded.

**3.** To play a video from a bookmarked point, move to the Bookmark < ★ > tab on the bottom side of main screen.

**4.** Select a desired bookmark from the list.

> ▪ Playback control for bookmarked video is the same as that of searched video.
>
> ▪ While playing the bookmark, you can use the bookmark function again.

### ❖ Amount of Network Data Transfer for stored video

| Codec | Resolution | Frame Rate | Compression | Bandwidth |
|-------|-----------|-----------|-------------|-----------|
| H.264 | 640 x 480 | 10fps | 10 | 0.69 Mbps |
| H.264 | 640 x 480 | 20fps | 10 | 1.30 Mbps |
| H.264 | 800 x 600 | 10fps | 10 | 1.10 Mbps |
| H.264 | 800 x 600 | 20fps | 10 | 1.90 Mbps |

- Above network data transmission is calculated based on SNB-7000.

- Network camera supports up to full HD (1920 x 1080) resolution. Only supported storage devices are compatible with full HD resolution.

- For smooth and proper playback of stored recordings, it requires downloading **bandwidth** more than the specified minimum bandwidth in case the network has interference.

## To Add a Device

▪ Refer to pages 3 ~ 6.

## To set/cancel/change password

**1.** Touch the Settings < ⚙ > tab on the bottom side of main screen.

**2.** Slide the bar next to <**Set Password**> to the right to make it display < ◯ >. Enter the new password.

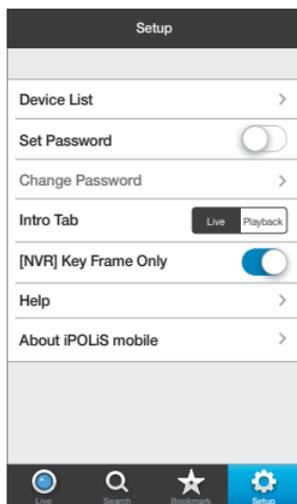| Setup |
|---|
| Device List | > |
| Set Password | ◯ |
| Change Password | > |
| Intro Tab | Live  Playback |
| [NVR] Key Frame Only | ◉ |
| Help | > |
| About iPOLiS mobile | > |

Live    Search    Bookmark    Setup

✎ ▪ Set a password that meets the following requirements.

- 8~9 characters long: A combination of letters, numbers, and special characters.
- 10~32 characters long: A combination of characters from at least two of the following groups: letters, numbers, and special characters.
- Don't use 4 or more consecutive or repeated characters or key sequences (Examples: abcde123456, aaaaa11111, qwerty!@#$)
- Allowable special characters: ~/::()&@.,?!'"[]{}#%^*+=_₩|~<>$£¥

**3.** To cancel the password setting, slide the bar next to <**Set Password**> to the left and make it display < ◯ >.

**4.** If you enter the currently registered password, the password setting will be canceled.

**5.** To change the password, touch <**Change Password**> and enter a new password.

❗ ▪ If you forgot password, uninstall the application and then download it to install again.

## To set the starting page

**1.** Select the start page screen from the "**Intro Tab**" menu of the settings page, which will be displayed once iPOLiS mobile is executed.

**2.** Selecting the <**Live**> will display live device list where <**Playback**> will display device search at the beginning.

## If you want to set up NVR Frame Mode

**1.** For 4/9 channel of the new CGI (SUNAPI) NVR device, you can set up 'Key Frame Only'.

**2.** If 'Key Frame Only' is selected, it will show the main frame of the video only.

**3.** If 'Key Frame Only' is not selected, it will show the full frame delivered from the device.

> ▪ Depending on the user's environment (device, network, etc.), the number of frames may be changed.

### To see help screen

In the Setup tab, touch <**Help**>.

▨ ▪ iPOLiS mobile provides help in 13 different languages.

### To check the software version

**1.** Touch <**About iPOLiS mobile**> in the settings page.

**2.** You can check the information of the current software version.

▨ ▪ This application uses FFmpeg under LGPL v2.1.

# 8. Models supporting iPOLiS mobile v2.8

| | | Device Model | Firmware version |
|---|---|---|---|
| N/W Camera | Box/Dome | SNB-9000 | v1.00 or Higher |
| | | SNB-5000/A, SND-5080/F, SNV-5080/R, SNV-5010, SNO-5080R | v2.10 or Higher |
| | | SNB-7000, SND-7080/F, SNV-7080/R, SNO-7080R | v1.20 or Higher |
| | | SND-1001, SND-1080, SND-1011, SND-1080R, SNV-1080/R | v1.00 or Higher |
| | | SNB-3002, SND-3082, SND-3082/F | v1.00 or Higher |
| | | SNB-5001, SND-5061, SND-5011, SND-5010 | v1.00 or Higher |
| | | SNB-7001, SND-7061, SND-7011 | v1.00 or Higher |
| | | SNB-7002, SND-7082/F, SNV-7082, SNO-7082R | v1.00 or Higher |
| | | SNZ-5200 | v1.05 or Higher |
| | | SNV-3120 | v1.24 or Higher |
| | | SNZ-6320 | v1.00 or Higher |
| | | SNV-7082V, SND-7082V, SND-7082FV, SNO-7082RV | v1.00 or Higher |
| | | SNB-6004, SNB-6003, SND-6084, SND-6083, SNB-5004, SNB-5003, SND-5084/5083, SNW-5084, SNO-5084R, SND-5084R, SNV-5084R, SIW-6012M, SNV-6084, SNO-6011R, SND-6011R | v1.00 or Higher |
| | | SNV-6085R, SNV-L6083R | v1.00 or Higher |
| | | SNO-6084R, SND-6084R, SNW-6084R | v1.00 or Higher |
| | | SNB-6005, SNB-6004F, SNB-6011, SNB-6010A, SNO-6095RH | v1.00 or Higher |
| | | SNF-7010, SNF-7010V, SNF-8010/VM | v1.00 or Higher |
| | | SND-7084/R, SNO-7084R, SNV-6013, SND-6013, SNV-7084/R, SNB-6010(ATM), SNB-7004 | v1.00 or Higher |
| | | SND-L6012, SND-L6013, SND-L6013R, SND-L6083R | v1.00 or Higher |
| | | VPM-4020DR, SND-L6014R, SND-K2013R, VPM-4040DR, SND-K2083R | v1.00 or Higher |
| | | SNO-L6013R, VPM-40200R, SNO-L6014R, SNO-K2013R, SND-L6014RN/SK, SNO-L6014RN/SK, SND-L6014RN/S1, SNO-L6014RN/S1 | v1.00 or Higher |
| | | SNO-L6083R, VPM-4040R, SNO-K2083R | v1.00 or Higher |
| | | SNB-8000, SNV-9080, SNV-8081R, SNO-8081R | v1.00 or Higher |
| | | SNB-S202, SNB-S201, SND-S202, SND-S201, SNO-S202R, SND-S202R, SNB-S102, SNB-S101, SND-S102, SND-S101 | v1.00 or Higher |
| | | SNO-L5083R, SNV-L5083R, SND-L5083R, SND-L5013 | v1.00 or Higher |
| | PTZ | SNP-3120/V/VH | v1.27 or Higher |
| | | SNP-5200/H | v2.00 or Higher |
| | | SNP-5300/H | v1.00 or Higher |
| | | SNP-3371/H/TH | v1.01 or Higher |
| | | SNP-3302/H | v1.01 or Higher |
| | | VPM-4600RH, SNP-0232RH-00 | v1.01 or Higher |
| | | SNP-6200/H, SNP-6200RH, SNP-6201/H, SNP-6320/H/RH, SNP-5430/H, SNP-6230RH | v1.00 or Higher |
| | | SNP-6321/H, SNP-5321/H | v1.00 or Higher |
| Encoder | | SPE-100, SPE-400, SPE-1600R, SPE-101 | v1.04 or Higher |
| DVR | Live & Playback | SRD-1694/1685 | v1.00 or Higher |
| | | SRD-494/984 | v1.00 or Higher |
| | | SRD-1670/1650/1630/1610(D/DC), SRD-870/850/830(D/DC), SRD-470(D) | v1.12 or Higher |
| | | SRD-1652D/852D, 1650DU | v1.12 or Higher |
| | | SRD-1671/1651/871/851/471 | v1.12 or Higher |
| | | SDR-5100, SDR-4100/4101 | v1.02 or Higher |
| | | SDR-3100 | v1.09 or Higher |
| | | SDR-5200/4200, SRD-1654D/854D, SRD-473D | v1.00 or Higher |
| | | SRD-1673(D)/873D, 1653D | v1.01 or Higher |
| | | SRD-476D/876D/1676D | v1.00 or Higher |
| | | SRD-456/856/1656 | v1.00 or Higher |
| | | SDR-3102/4102/5102 | v1.00 or Higher |
| | | SRD-842/1642 | v1.00 or Higher |
| | | SRD-1680D/880D | v1.00 or Higher |
| | | SRD-445 | v1.00 or Higher |
| | | SRD-482 | v1.00 or Higher |
| | | SRD-443 | v1.00 or Higher |
| | Live only | SRD-440 | v1.05 or Higher |
| | | SRD-442 | v1.02 or Higher |
| | | SRD-1640/840 | v1.03 or Higher |
| | | SRD-1641/841 | v1.03 or Higher |
| | | SDE-5001/5002/4001/4004(V) | v1.02 or Higher |
| | | SDE-3001/3003 | v1.06 or Higher |
| | | SDE-4001/4002/5001/5002 | v1.00 or Higher |
| NVR | H/W | SRN-470D, SRN-1670D, SRN-1671, SRN-1000 | v1.05 or Higher |
| | | SRN-4000, SRN-472S | v1.00 or Higher |
| | | SRN-1673S, SRN-873S, SRN-473S | v1.00 or Higher |
| | S/W | NET-i ware | v1.39 or Higher |

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