

Instructions of mobile phone client

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This manual has mainly instructions on the installation and usage in Android, Blackberry, iPhone mobile phone.

1) The acquisition of client software:

The client software can be got from the CD material equipped with CD , then choose English and select the options supporting tools, finally choose the mobile phone monitoring or obtained from technical support. Each type of corresponding client software as follows.

1. **Asee.apk**: The smart phone monitoring client of Android operating system
2. **ASee.cod & ASee.alx**: The smart phone monitoring client of BlackBerry operating system
3. **Asee.sisx**: The smart phone monitoring client of Symbian operating system

Notes:

- The mobile phone client of apple mobile phone system (iOS) can be directly searched for **ASee+** in the appstore and installed online.
- The mobile phone client of Android system can be directly searched for ASee+ in the Android market and installed online.

2) The main functions of the program which is straight even version

of current mobile phone monitoring are shown as follows:

1. Browsing real-time video function. In addition to BlackBerry, it can support four pictures at the same time preview.
2. PTZ control function (the controlled ball machine is in front).

3) The instructions of three platforms is shown as follows.

Chapter One instructions of Android

§1.1 Essential condition

- 1) Support the version 1.5 or above of Android system.
- 2) Support DVR platform versions:
 - Hisilicon v1.0.1.8 and higher.
 - GRain v8.33 and higher.

§1.2 Installation and operation instructions

1) Installation

Support two installation modes and the user can choose one way for installation.

1. Install online

Search **ASee+** on google market and install online. As figure 1-1 shows:

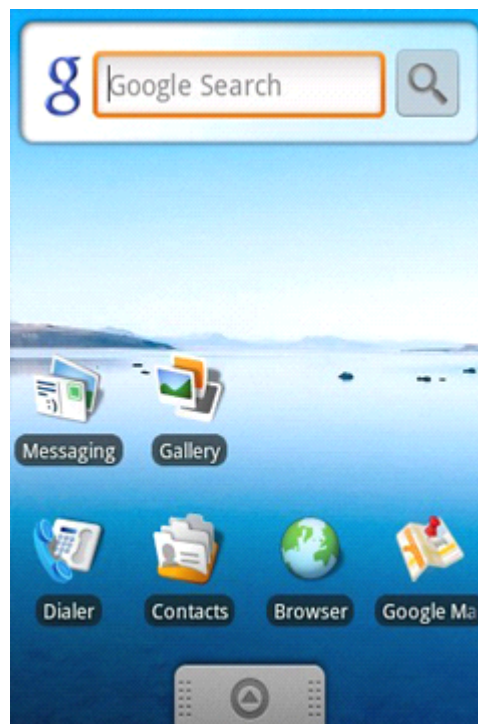


Figure 1-1

2. Install offline

Copy the **Asee.apk** installation package to Android phone through cable. In the specified directory find out the corresponding **.apk**, click the application installation (If there is not installed apk installer in the mobilke phone, the user needs to download an apk installation software so that it can identify the **apk** package), and there will be program icons after finishing installing. As figure 1-2 shows.

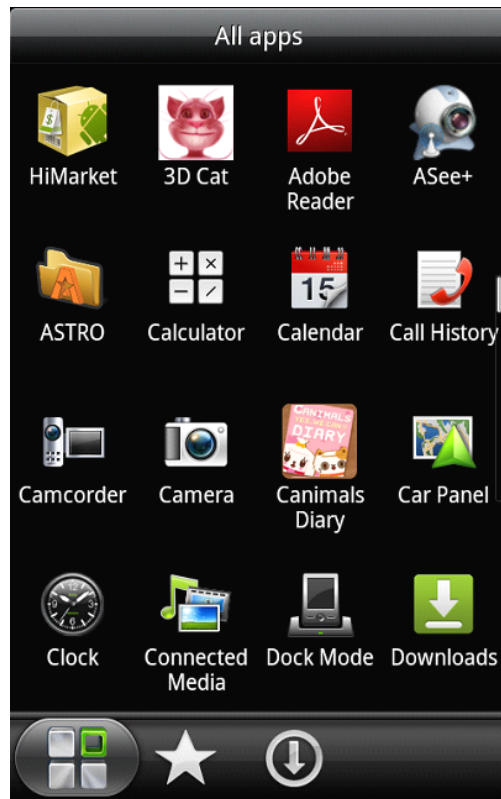



Figure 1-2

- 3) Click the program icon  **<Asee+>**, the first screen after running is shown in figure 1-3.

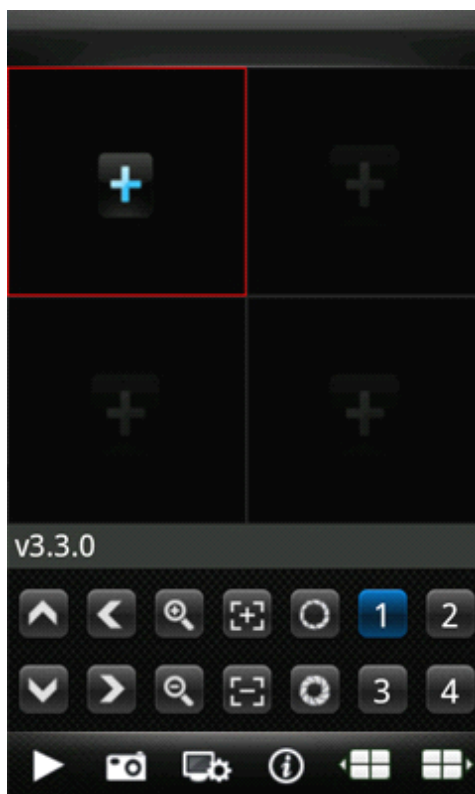







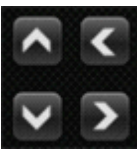


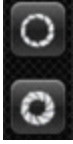


Figure 1-3

The functions of buttons show as follows:

Table 1-1

Function keys	Definition	Function specification
	Play	When the program connects with device, play video
	Capture	Capture the current screen(the default save path: the default pictures directory of mobile)
	Settings	Set some information of the device, such as IP address, dynamic domain name, port, username, password and device alias information.
	About	Some device information of the software
	Previous group	It can show the previous channels group.
	Next group	It can show the next channels group.

	Select channel	Choose one video channel of the device. And cooperate with "next group" can switch the 8 or 16 channels.
	PTZ control	PTZ direction control including up, down, left and right.
	Zoom	Zoom in/out control of PTZ.
	Focal length	Focal length adjustment of PTZ.
	Aperture	Aperture control of PTZ.

4) If it is first running or need to change the parameters, please click the **<settings>**

button  and enter the **<Device List>** page, as shown in figure 1-4.

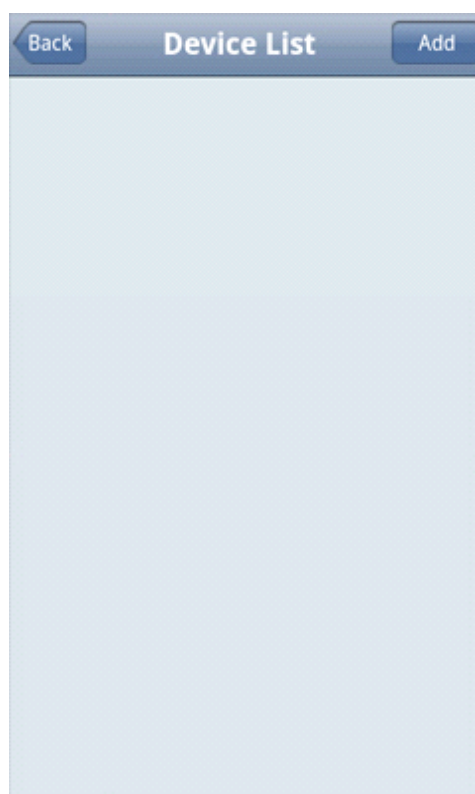



Figure 1-4

In **<device list>** interface, click **<Add>** button  and enter **<settings>** interface, as shown in figure 1-5.



The figure shows a 'Settings' dialog box with the following fields and buttons:

- DVR Title:** A text input field with a green border.
- Server:** A text input field.
- Port:** A text input field.
- User Name:** A text input field.
- Password:** A text input field.
- Max Channel:** A text input field containing the value '16'.
- Buttons:** 'Ok' and 'Cancel' buttons at the bottom.

Figure 1-5

Notes:

- **<DVR Title>**: It is convenient to identify among multiple devices.
- **<Server>**: The public IP address, dynamic domain name or LAN IP of DVR (The port should be mapping before using public IP and mobile phones need to open wifi before using LAN IP).
- **<Port>**: The mobile port set in DVR (default parameter is 8888) .
- **<User Name>**: The username permitted to login the DVR (default username is 'admin') .
- **<Password>**: The password of the user (default password is empty).
- **<Max Channel>**: The actual channel numbers of DVR.

5) After finishing, click **<OK>** and enter the  **Device List** page. As

shown in figure 1-6.

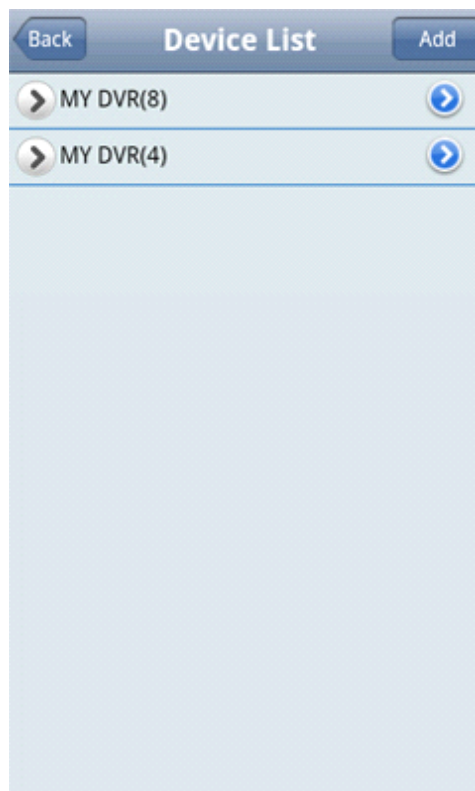





Figure 1-6

Notes:

-  **<Back>**: Back to the screen of previewing image.
-  **<Channel List>**: It shows the corresponding DVR and the default channel list, the user can arbitrarily choose a channel to preview image.
-  **<Information Edit>**: Click this button and enter the **“Settings”** interface, you can editor delete the device information, as shown in figure 1-7.

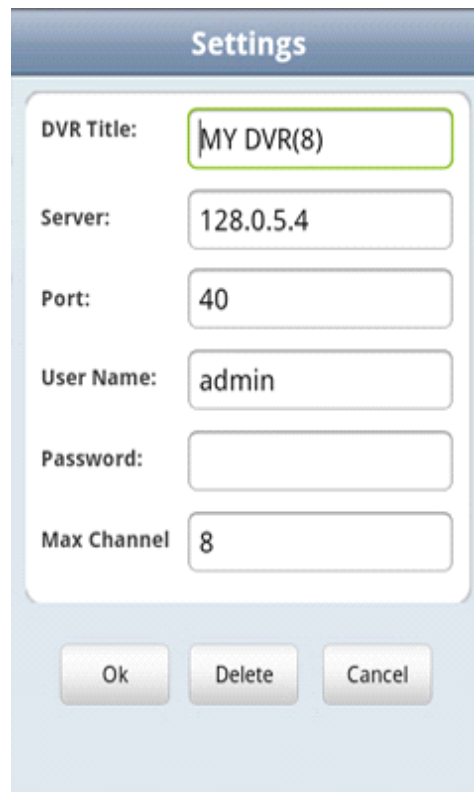


Figure 1-7

6) Complete settings, choose channel to preview, and the preview function include two modes: common mode and full screen mode.

1. **Common mode** is shown in figure 1-8.

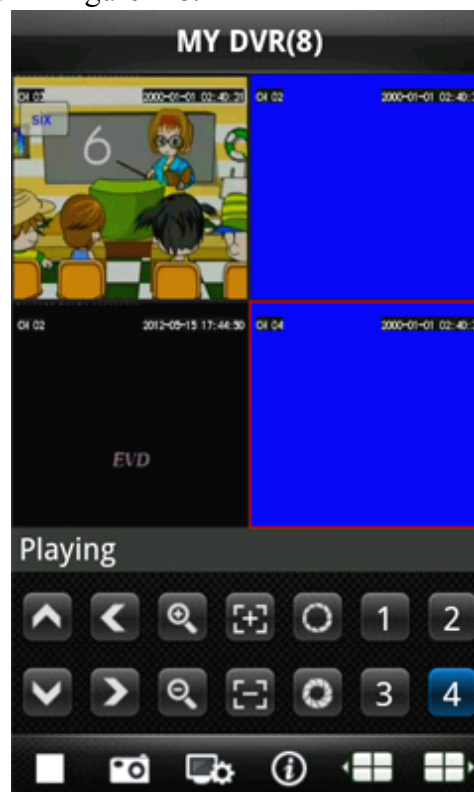


Figure 1-8

2. **Full screen mode** is that when mobile phone lay down horizontally it will automatically switch to full screen mode, as shown in figure 1-9.



Figure 1-9

7) Channel switch function

Select some channels in the **Device List** interface, the program will automatically switch to the **Preview Interface** and open the corresponding channel preview in **Preview Interface**. Program displays the default 1 ~ 4 channels, if the user clicks the



channel button of **Next Group** in the **Preview Interface**, the channels group will switch to 5 ~ 8, 8 ~ 12, 12~16 and circulation switch. As shown in figure 1-10.

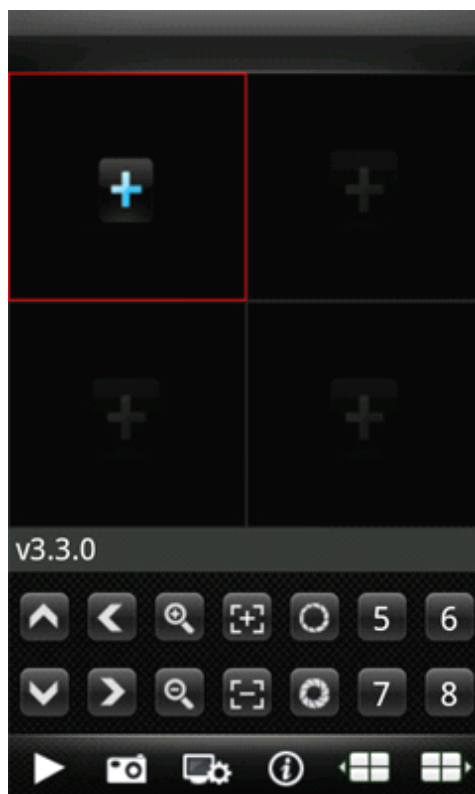


Figure 1-10

Chapter Two instructions of Blackberry

§2.1 Essential condition

- 1) Support the version 4.6 or above of Blackberry system, and mobile phone screen resolution is 480*360 and 480*320. Support 8900, 9000, 9700, 9630, 9900 of Blackberry.
- 2) Support DVR platform versions:
 - Hisilicon v1.0.1.8 and higher.
 - GRain v8.33 and higher

§2.2 Installation and operation instructions

- 1) Install ASee. cod and ASee. jdp installation package into Blackberry handset through the desktop manager, as shown in figure 2-1.

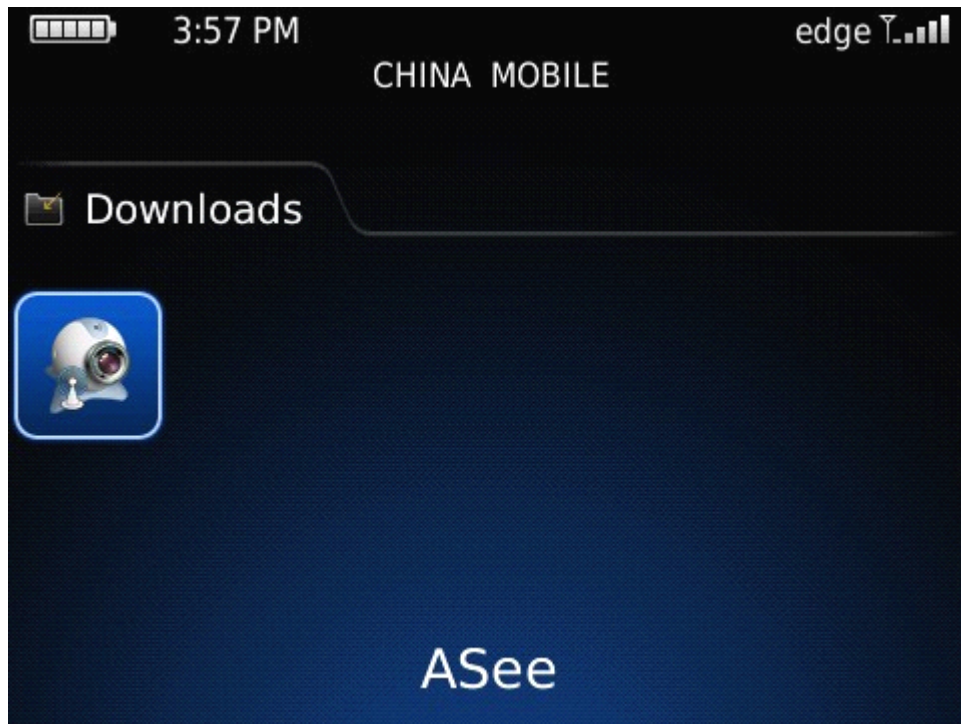


Figure 2-1

2) Click the **options** on mobile phone desktop and enter the interface of figure 2-2.

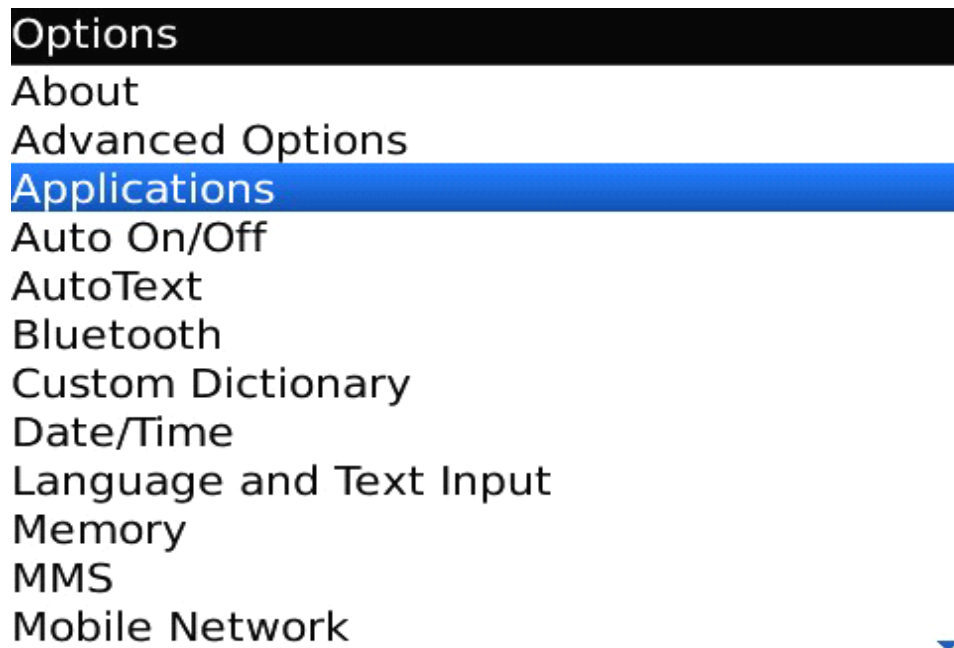


Figure 2-2

3) **<Asee>** permission settings


a. Click **<application program>** to find out  **<Asee>**;


b. Click the icon of **<Asee>** and enter the permission settings.

c. Click **<edit permissions>**, set all permissions **<permit>**.

Note: Some permissions can not be set **<permit>** (the gray options mean cannot change this option), and click "save".

4) Enter the initial interface

Click the program icon  **<Asee>**, after running procedure there will be an welcome page, then enter the initial interface, as shown in figure 2-3.



Setting		EN
Title:	5008	
Address:	128.0.254.108	
Port:	8888	
Channel total:	8 ▼	
User ID:	admin	
Password:		
Network type:	WIFI ▼	
<div> <div>Login</div> <div>Exit</div> <div>DeviceList</div> </div>		

Figure 2-3

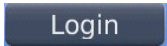
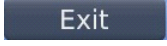

Notes:

- **<Title>**: It is convenient to distinguish between multiple devices.
- **<Address>**: The public IP address, dynamic domain name or LAN IP of DVR

(The port should be mapping before using public IP and mobile phones need to open wifi before using LAN IP).

- **<Port>**: The mobile port set in DVR (default parameter is 8888) .
- **<Channel total>**: The actual channel number of DVR.
- **<User ID>**: The username owns view permissions of mobile phone (default username is admin) .
- **<Password>**: The mobile phone port of DVR (default password is empty).
- **<Network type>**: Choose the network type that you need.
- **The corresponding functions of buttons show as follows:**

Tabel 2-1

Function keys	Definition	Function specification
	login	Enter the playing interface, and the program will connect with device and begin to play video
	exit	Exit the program
	Device list	Enter the device list interface.













- 5) Click **<login>**, play the main interface, as shown in figure 2-4.







Figure 2-4

The corresponding functions of buttons in <Main interface> show as follows:

Table 2-2

Function keys	Definition	Function specification
	Play	When the program connects with device, play video
	Full screen	Play full screen.
	Capture	Capture the current image (the default save path: the default pictures directory of mobile)
	About	Some device information of the software.
	Next group	It can select the next channels group (1-4, 4-8、 8-16) or PTZ control.
	Select channel	Choose one video channel of the broadcasting device and select any one of 8 channels.
	Up control of PTZ	The up direction control of PTZ.
	Down control of PTZ	The down direction control of PTZ.
	Left control of PTZ	The left direction control of PTZ
	Right control of PTZ	The right direction control of PTZ
	Zoom in	The zoom in control of PTZ.
	Zoom out	The zoom out control of PTZ.

	Focal length +	Amplify the focal length of PTZ.
	Focal length -	Lessen the focal length of PTZ.
	Aperture +	Amplify the aperture of PTZ.
	Aperture -	Lessen the aperture of PTZ.

6) Exit the application program

Click the button **<Exit>** and exit the program, as figure 2-5 shows.



Figure 2-5

7) Edit the **<Device List>** interface

1. Click the **<Device List>** and enter **<Device List>** interface, as shown in figure 2-6.



Figure 2-6

2. Click the **<menu>** button and enter the **<device edit>** interface, as figure 2-7 shows.

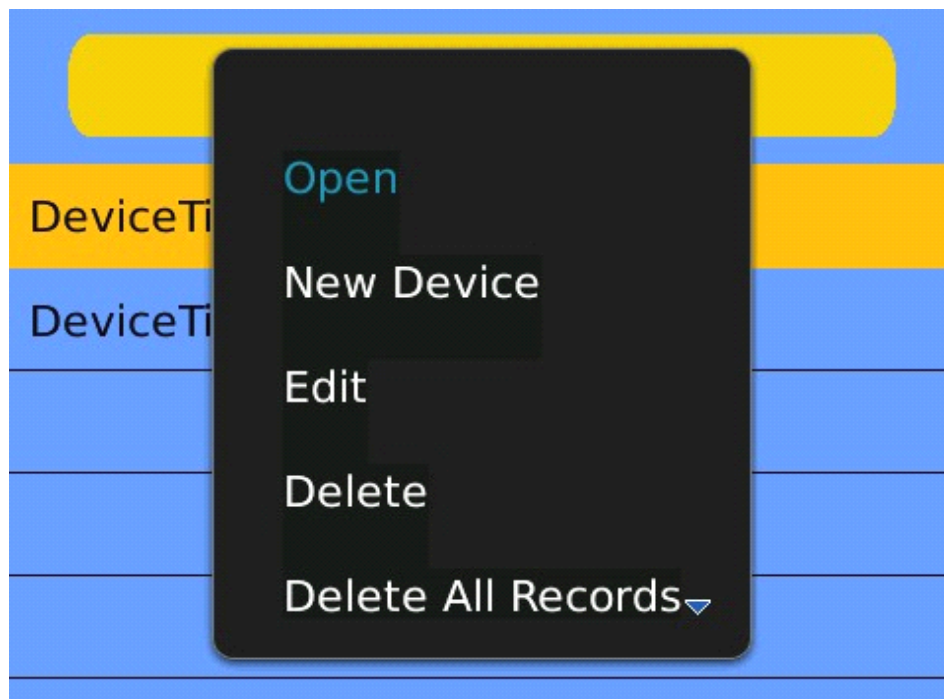


Figure 2-7

The corresponding functions of buttons in < device edit> interface show as follows:

Table 2-3

Menu definition	Function specification
Set to real-time preview	When the program connects with device, play video.
New Device	Create a new record.
Edit	Edit record.
Delete	Delete the selected record.
Delete All Records	Delete all records.
Shutdown	Shut down the program.

Chapter Three instructions of iPhone

§3.1 Essential condition

- 1) Support the version iOS 3.0 or above, and mobile phones includes iPhone, iPod, touch etc.
- 2) Support DVR platform versions:
 - Hisilicon v1.0.1.8 and higher.
 - GRain v8.33 and higher

§3.2 Installation and operation instructions

- 1) Run the **App Store** program of iPhone

Switch to the search tag page, and input **Asee +** in the search box to find the application installation package, then click **<install>**. After finishing installation, there will be **Asee +** program icon on the mobile phone desktop, as shown in figure 3-1.



Figure 3-1

2) Click the program icon **Asee+** and the initial interface after running procedure is shown in figure 3-2.

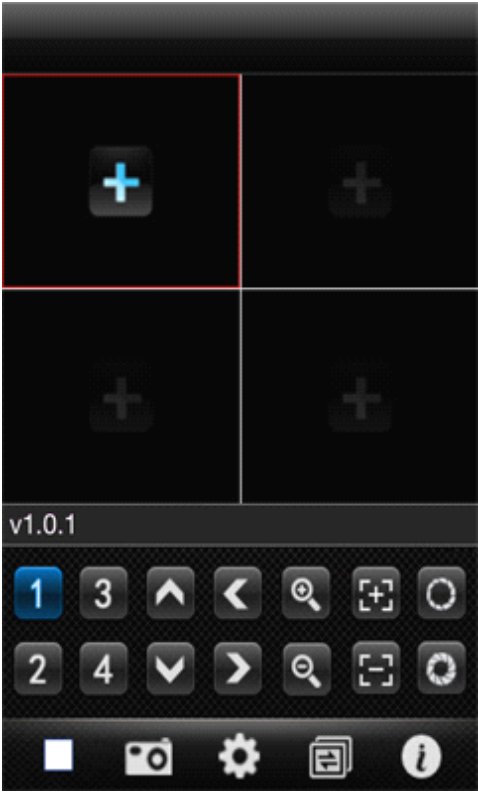





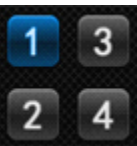






Figure 3-2


The corresponding functions of buttons show as follows:

Tabel 3-1

Function keys	Definition	Function specification
---------------	------------	------------------------

	Stop playing	When the program disconnects with device, stop playing the video.
	Capture	Capture the current image (the default save path: the default pictures directory of mobile).
	Settings	Set some information of the device, such as IP address, dynamic domain name, port, username, password and device alias information.
	Channels group switch	It can switch to next channels group.
	About	Some device information of the software.
	Select channel	Choose one channel video of the broadcasting equipment. And cooperate with "next group " can achieve the switch of 8ch and 16ch.
	PTZ control	PTZ direction control including up, down, left and right.
	Zoom	Zoom in/out control of PTZ.
	Focal length	Focal length adjustment of PTZ.
	Aperture	Aperture control of PTZ.

3) Initial usage of need to change the parameter

1. Please click the **settings** button  and enter the **device manage** interface, as shown in figure 3-3.

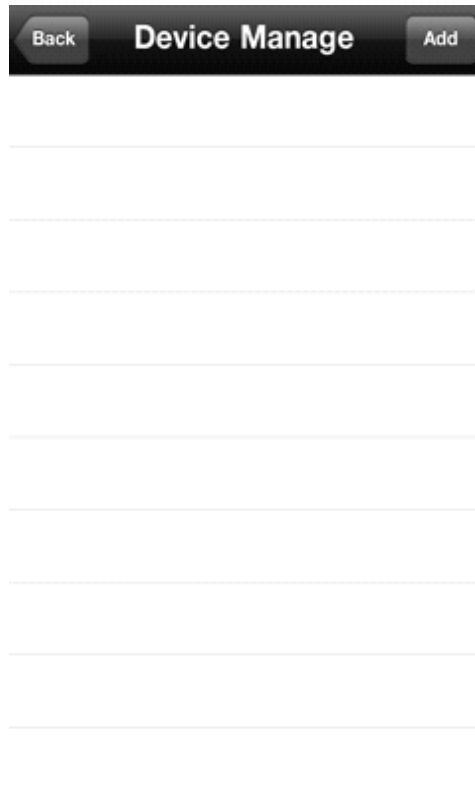


Figure 3-3

2. Then select **Add** button and enter **device add** interface, as shown in figure 3-4.

A screenshot of a "device add" form. The background is a gradient of blue. The form contains six input fields, each with a label to its left: "Device Name:", "Address:", "Port:", "User ID:", "Password:", and "Max Channel:". Below these fields are two buttons: a green "OK" button and a red "Cancel" button.

Figure 3-4

Notes:

- **<Device Name>**: It is convenient to distinguish between multiple devices.
- **<Address>**: The public IP address, dynamic domain name or LAN IP of DVR
(The port should be mapped before using public IP and mobile phones need to open wifi before using LAN IP).
- **<Port>**: The mobile phone port set in DVR (default parameter is 8888) .
- **<User ID>**: The username permitted to login the DVR (default username is 'admin') .
- **<Password>**: The password of the user (default password is empty).
- **<Max Channel>**: The actual channel number of DVR.

3.After finishing, click **<OK>**, enter **<Device Manage>** interface. As shown in figure 3-5.

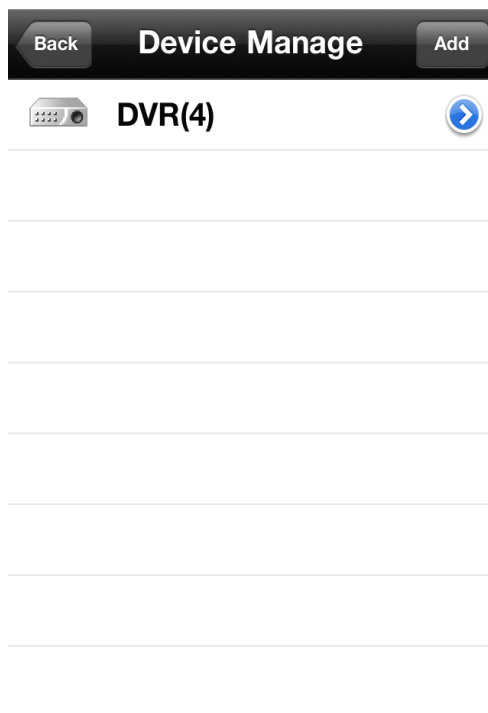



Figure 3-5

4.In the **<Device Manage>** page, click the **<back>** button, enter the **<add channel>**

interface, then click the $\lt + \gt$ button , as shown in figure 3-6.

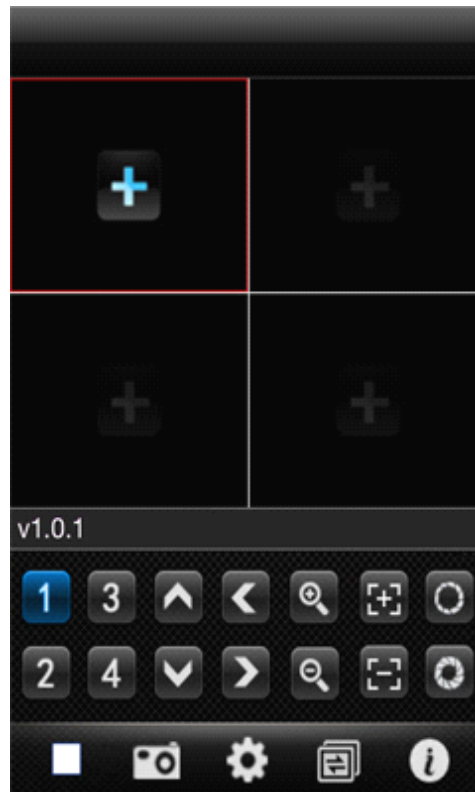



Figure 3-6

5. Click the  button, and switch automatically to **<Device List>**, as shown in figure 3-7.

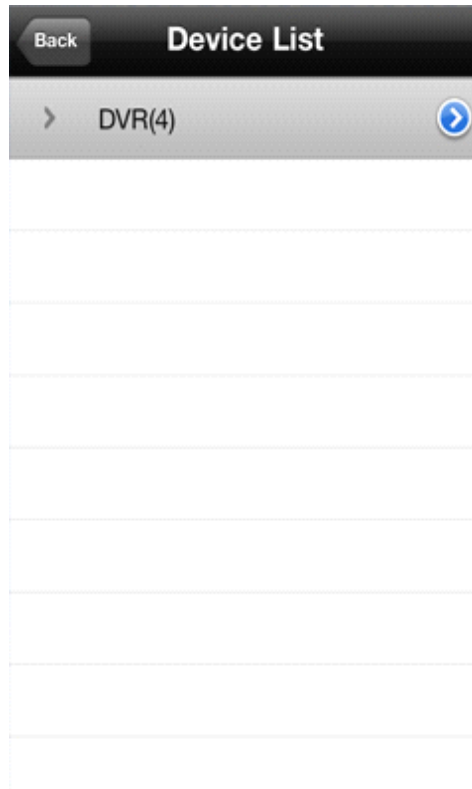



Figure 3-7

6. Click the button  to view all channel numbers, as shown in figure 3-8.

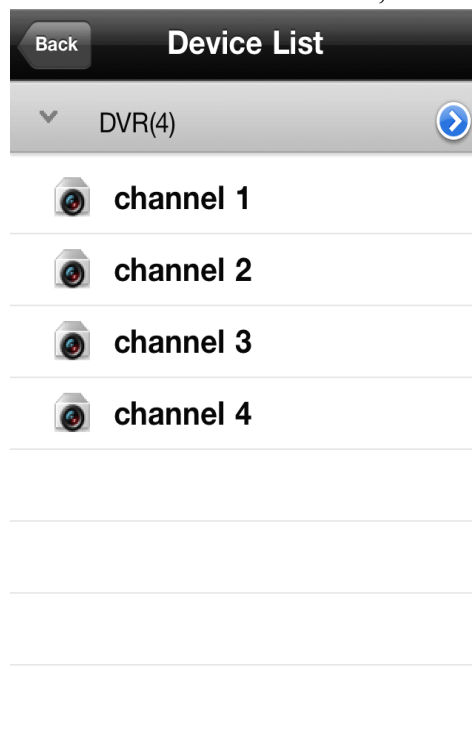



Figure 3-8

7. Double click any channel, then switch to the **<channel preview>** interface to preview channels, it can support four channels previewing at the same time, as shown in figure 3-9.



Figure 3-9

8. Click the **<settings>** button  enter the **<Device Manage>** interface, as shown in figure 3-10. The user can edit, modify and delete device information by clicking the corresponding icon or slipping the item.

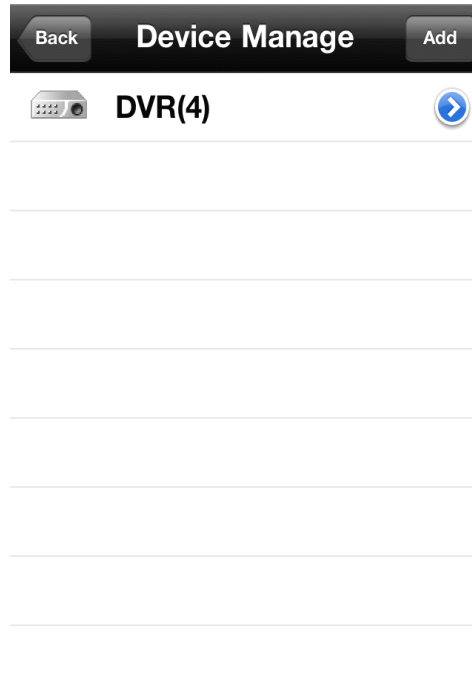


Figure 3-10

(1) Click the **<edit>** button  enter **<parameter modifying>** interface, as shown in figure 3-11.

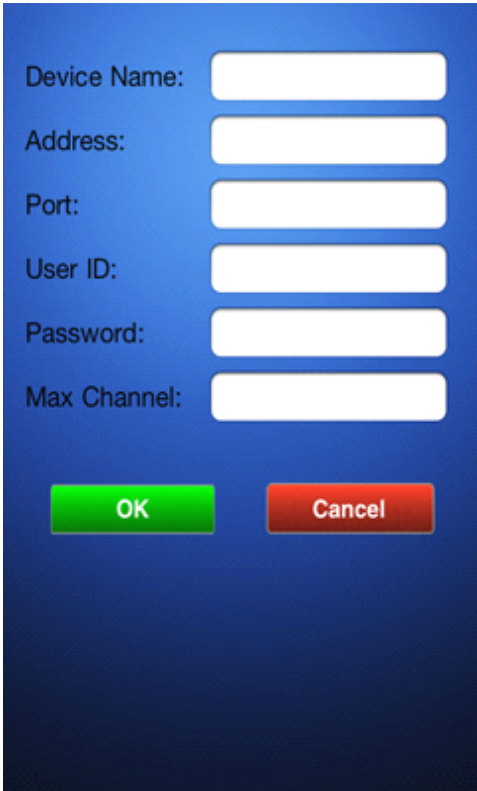



Figure 3-11

(2) Slide rightly the **<edit>** button  to delete the information. As shown in figure 3-12.

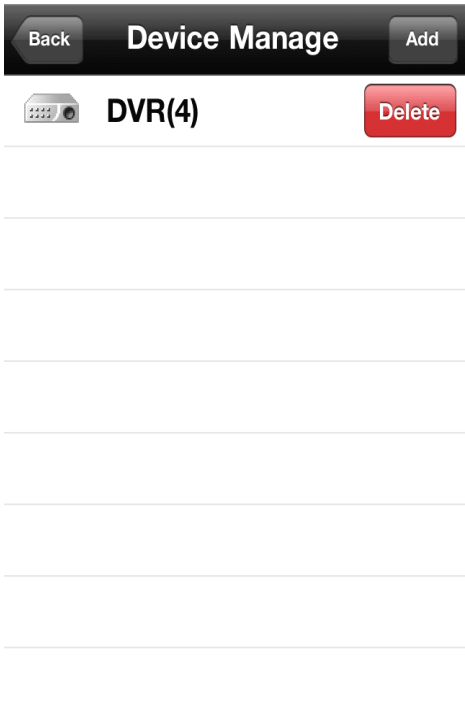


Figure 3-12

4) Video display mode

There are two modes: common mode (figure 3-13) and full screen mode (figure 3-14).
Switch: when the mobile phone lay down horizontally it will automatically display full screen.



Figure 3-13 common mode

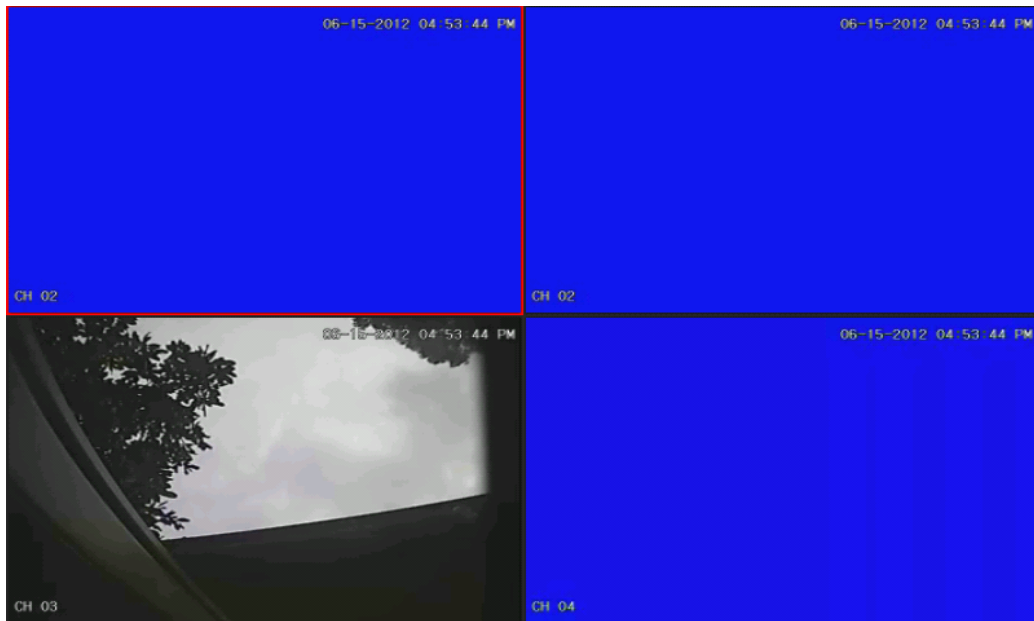



Figure 3-14 full screen mode

5) Channel switch function

Select some channels in the **Device list** interface, the program will automatically switch to the **Preview Interface** and open the corresponding channel preview in **Preview Interface**. Program displays the default 1 ~ 4 channels, when elected the

channel **<Channel switch>** button  in the **<preview interface>**, the channels group will switch to 5 ~ 8, 8 ~ 12, 12~16 and circulation switch. As shown in figure 3-15.

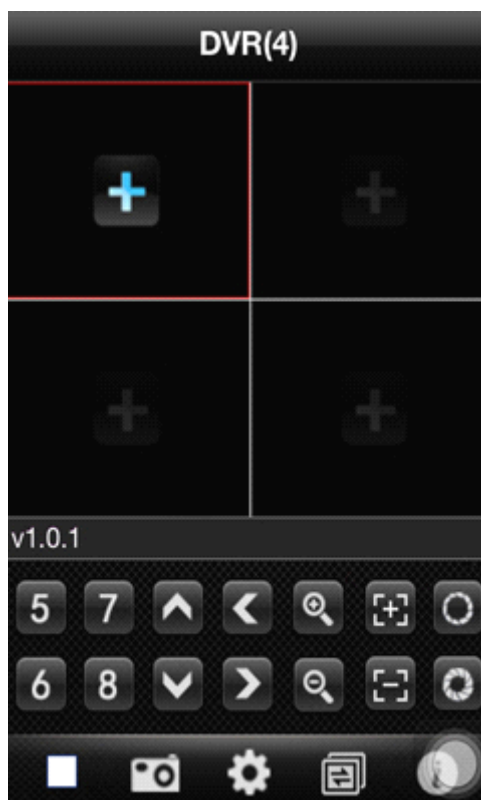


Figure 3-15

Chapter Four instructions of Symbian

§4.1 Essential condition

- 1) Support the version OS S60 or above of Symbian system.
- 2) Support DVR platform versions:
 - Hisilicon v1.0.1.20 and higher.
 - GRain v8.42 and higher.

§4.2 Installation and operation instructions

Installation

Support two installation modes and the user can choose one way for installation.

1.Install online


Search **ASee** on google market and install online.

2.Install offline

Copy the **Asee.sisx** installation package to Symbian phone through cable. In the specified directory find out the corresponding **.sisx**, click the application installation (If there is not installed apk installer in the mobile phone, the user needs to download an apk installation software so that it can identify the **sisx** package), and there will be program icons after finishing installing. As figure 4-1 shows.



figure 4-1

- 2) Click the program icon  **<Asee>**, the first screen after running is shown in figure 4-2.

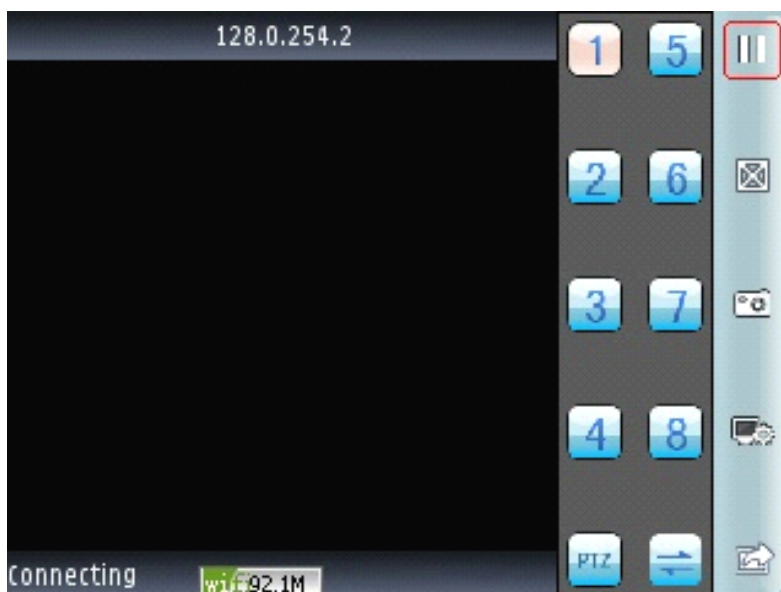


figure 4-2

click PTZ show as figure 4-3 below

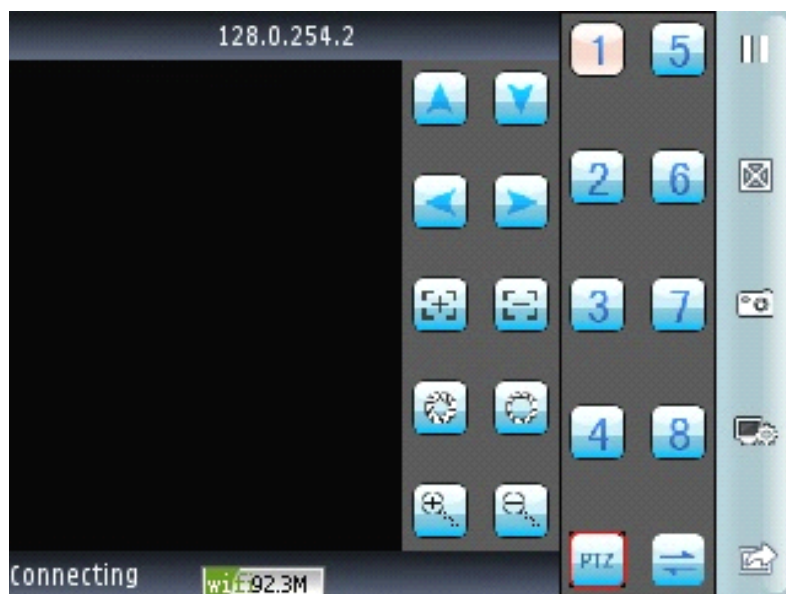











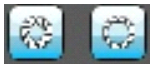


Figure 4-3

The functions of buttons show as follows:

Function keys	Definition	Function specification
	Play/pause	When the program connects with device, play video
	capture	Capture the current screen(the default save path: the default pictures directory of mobile)
	settings	Set some information of the device, such as IP address, dynamic domain name, port, username, password and device alias information.
	Full screen	For this channel full screen.
	pervious/next	Pervious to the former channel,next to the latter channel
	exit	quit current software

	Select channel	Choose one video channel of the device. And cooperate with "next group" can switch the 8 or 16 channels.
	Ptz	PTZ
	PTZ control	PTZ direction control including up, down, left and right.
	zoom	Zoom in/out control of PTZ.
	Focal length	Focal length adjustment of PTZ.
	Aperture	Aperture control of PTZ.

3) If it is first running or need to change the parameters, please click the **<settings>**



button

4-5:

and enter the **<Device List>** page, as shown in figure 4-4、 figure

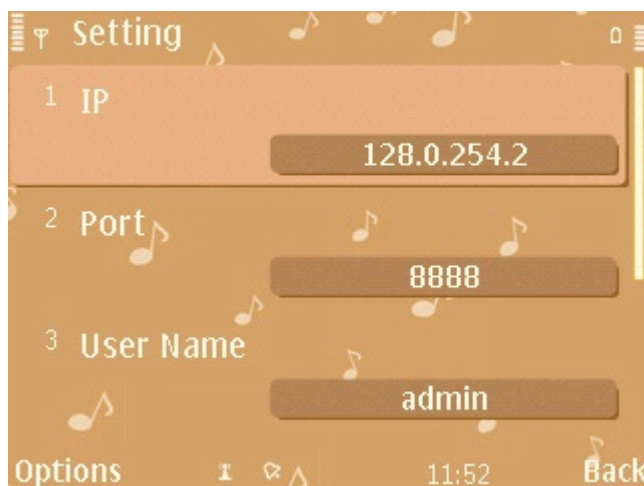


图 4-4

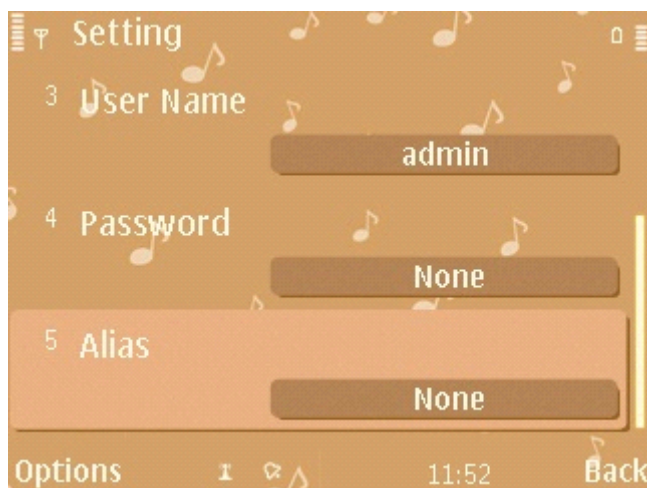


图 4-5

Notes:

- **<server address>**: The public IP address, dynamic domain name or LAN IP of DVR (The port should be mapped before using public IP and mobile phones need to open wifi before using LAN IP).
- **<port>**: The mobile phone port set in DVR (default parameter is 8888) .
- **<uer ID>**: The username permitted to login the DVR (default username is 'admin') .
- **<password>**: The password of the user (default password is empty).
- **<alias>**: the record's name

After entering the above information, identify and select play.

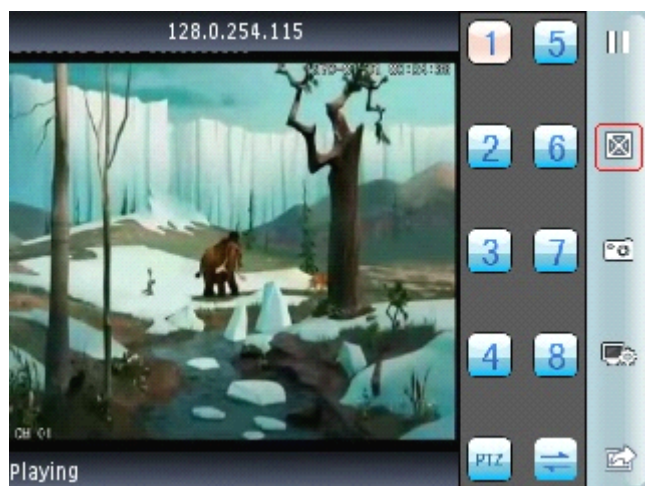


图 4-6