KWeye Mobile Software for Dual Streaming Multiplex H.264 4CH/8CH/16CH Network DVR

Support 3G/3.5G mobile phone/PDA
(Symbian/Windows Mobile/iPhone/iPad/Blackberry/Android)

User Manual

V1.0

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Mobile Phone Surveillance

Another state-of-the-art feature of this DVR device is transmitting live feed from the CCTV cameras to your mobile phone, so that you can have an 'on the go' access to your surveillance system from virtually anywhere in the world. Currently this feature is supported only for phones with the Windows Mobile, Nokia Symbian S60 3$^{rd/}$ and 5th Edition OS, Google Android, Black Berry OS 4.x and Apple iPhone 3G/3GS/iPhone 4/iPad.

Before connect DVR via mobile, you have to open the mobile port of DVR, the default setting is 7050, which may be changed, please refer to OSD setting (Net) → (Next page) →(Next page)or IE Device Parameters Settings Server→Network setting, video system

For limited upload bandwidth of internet that DVRs connect, or limited streaming capability of some mobile phone/PDA, you have to adjust bandwidth of DVR to internet, please refer to OSD (Record)→(Advanced Setting) →(SUB CODE) or IE Device Parameters Settings - Channel→ Camera setting, Sub Bitstream, Subcode

> **Note: Prior to using this feature, you should apply for the Internet connection service for your mobile phone, such as 3G or 3.5G. Please contact your mobile service provider for details.**

> You can only watch one live feed channel at a time with your mobile phone.

1.1 Windows Mobile

Find "**KWeyesetup.CAB**" in the /Mobile Phone Software/Windows Mobile from the installation CD, install it into your Windows Mobile phone. See your phone user manual for more details on application install.

Find and execute program KWeye, and click the **Setting** button to setup the IP address for your DVR.
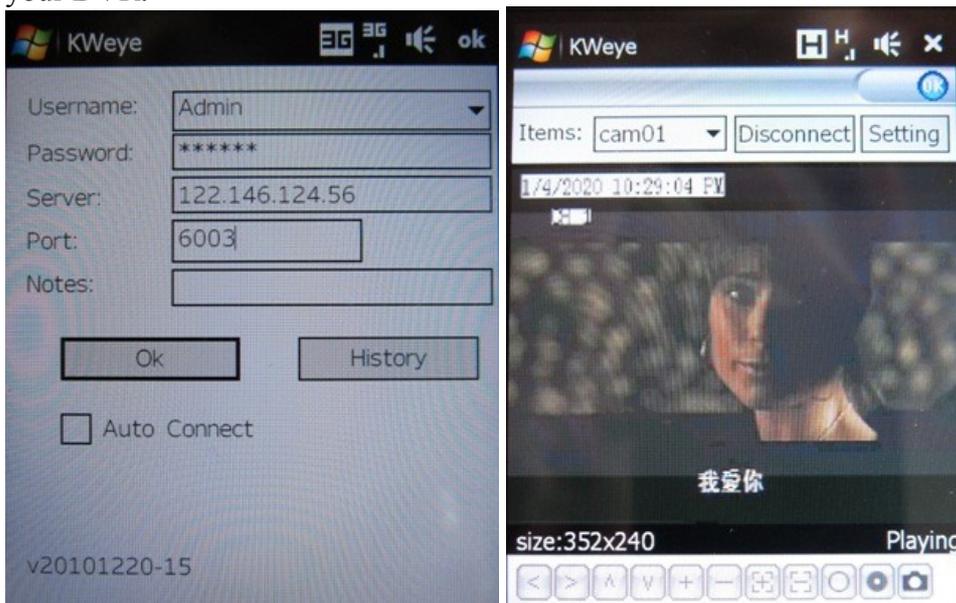
In the ensuing screen, input the Username (Admin), Password, and IP address(or DDNS)

of your DVR (Server); input the mobile Port no.(default 6003), and Notes for this DVR description; click the "OK" and "Auto Connect" to save it and start to connect automatically; or click the "History" to choose one DVR that ever connected.

The main window of the Mobile Phone application offers the choice of channels(Items),

Disconnect/connect and **Settings** buttons.

To connect to the system and start watching the live feed from your CCTV cameras, click on the **Connect** button or **Disconnect** to stop watching

To choose the camera, use the **Items** dropdown menu.

To modify settings, press the **Setting** button.

On-screen data will provide information about current time (in the MM-DD-YYYY HH:MM:SS format), Channel name, resolution, and status of the camera.

The menu bar contains the following controls.

 Directional buttons for controlling the direction of the PTZ camera view

 Zoom in / out

 Focus

 Iris

 Snapshot

1.2 Nokia/LG/Samsung Symbian S60 3ʳᵈ and 5ᵗʰ Mobile

Open accessory CD and find the "**KWeye_JH_3rd_1222.sisx**", or "**KWeye_JH_5th1222.sisx**" mobile surveillance software according to Symbian OS S60 3ʳᵈ or 5ᵗʰ. Please refer to user manual of mobile phone to install the software into mobile phone. **While install the software, must set "software installation -ALL", and "On-line Certificate check - off", ex. Main menu --> Applications --> App. mgr. (application management) --> Options --> settings --> software installation ,set ALL --> On-line Certificate check , set off**

After installation is complete, please locate the KWeye icon in the list of applications on your mobile phone.
Execute KWeye and the program window will appear on the screen.

IP address line

Camera info.
Camera view

Status information line

Control buttons
Functional buttons
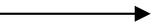
Play/Stop   Snap   Next
    Full Mode   Setting   Exit

In order to navigate between the buttons, please use the directional keys of your Symbian mobile phone.

Explanation of the menu buttons and program interface:

Setting   Playing

Status information line. The first status tag indicates the name for the selected functional button in the below control bar (in the illustration, it is "*Setting*"). The second tag word denotes the current status of the program (in the illustration, it is "*Playing*").

Control buttons:

Selection of channels. If your system supports 8 or 16 channels, to switch

between channel buttons 1-4, 5-8, 9-12, and 13 -16, please use functional button ![arrow icon]
(see below)

![PTZ controls icon] PTZ camera direction controls, PTZ camera Zoom, Focus and Iris controls

Functional buttons:
When highlighting these buttons, the name of the corresponding function will be displayed in the status information line (the first tag name).

![Play/Stop icons] **Play** / **Stop** button

![Full Mode icon] **Full Mode**. Displays the camera feed in the full-screen mode. All menus and buttons will be hidden.

![Snap icon] **Snap**. Allows you to take a snapshot of the camera view.

![Setting icon] **Setting**. Brings up the connectivity setup screen.

![Next Group icon] **Next Group**. Toggling between other available 4-channel views: 1-4 and 5-8 or 9-12, 13-16

![Exit icon] **Exit** QQEye

In order to start working with the CCTV feed on your Symbian mobile phone, you will have to configure the program by entering the preferred network access point, IP address(or DDNS) of the DVR, mobile phone port, username, and password.

Click the ![Setting icon] icon to enter the setup window.

In the **Setting** screen, enter the following data:

IPs: DVR IP address or DDNS

Port: Mobile Port [6003 by default]

User Name: Login User Name 〖Admin〗

Password: Password [888888 by default]

Channel: choose channel to connect first

Alias: description of this DVR

Back to the main window, and press the ![play button] button to connect to the DVR. After your device successfully logs in to the DVR, you

can watch the remote video feed on your Symbian mobile phone.

1.3 List of Symbian Supported Mobile Phones

Please review the list of Symbian mobile phones tested for compatibility with the remote access to DVR.

LG-KT610	S60 3rd_FP1	10-Feb-08
LG KS10	S60 3rd_FP1	09-Oct-06
LG-KT615	S60 3rd_FP1	30-Oct-08
Nokia 3250	S60 3rd_INIT	13-Sep-05
Nokia 5320 XpressMusic	S60 3rd_FP2	22-Apr-08
Nokia 5500 Sport	S60 3rd_INIT	09-May-06
Nokia 5630 XpressMusic	S60 3rd_FP2	10-Feb-09
Nokia 5700	S60 3rd_FP1	29-Mar-07
Nokia 5730 XpressMusic	S60 3rd_FP2	11-Mar-09
Nokia 6110 Navigator	S60 3rd_FP1	08-Feb-07
Nokia 6120	S60 3rd_FP1	17-Apr-07
Nokia 6121	S60 3rd_FP1	18-Jun-07
Nokia 6210 Navigator	S60 3rd_FP2	11-Feb-08
Nokia 6220	S60 3rd_FP2	11-Feb-08
Nokia 6290	S60 3rd_FP1	28-Nov-06
Nokia 6710 Navigator	S60 3rd_FP2	16-Feb-09
Nokia 6720 Classic	S60 3rd_FP2	16-Feb-09
Nokia E51	S60 3rd_FP1	18-Sep-07
Nokia E55	S60 3rd_FP2	16-Feb-09
Nokia E60	S60 3rd_INIT	09-Oct-05
Nokia E61	S60 3rd_INIT	09-Oct-05
Nokia E61i	S60 3rd_INIT	10-Feb-07
Nokia E62	S60 3rd_INIT	09-Sep-06
Nokia E63	S60 3rd_FP1	12-Nov-08
Nokia E65	S60 3rd_INIT	09-Feb-07
Nokia E66	S60 3rd_FP1	16-Jun-08
Nokia E70	S60 3rd_INIT	09-Oct-05
Nokia E71	S60 3rd_FP1	16-Jun-08
Nokia E75	S60 3rd_FP2	16-Feb-09
Nokia E90	S60 3rd_FP1	11-Feb-07
Nokia N71	S60 3rd_INIT	09-Nov-05
Nokia N73	S60 3rd_INIT	09-Apr-06
Nokia N75	S60 3rd_INIT	27-Sep-06
Nokia N76	S60 3rd_FP1	08-Jan-07
Nokia N77	S60 3rd_INIT	12-Feb-07

Nokia N78	S60 3rd_FP2	11-Feb-08
Nokia N79	S60 3rd_FP2	21-Aug-08
Nokia N80	S60 3rd_INIT	09-Nov-05
Nokia N81	S60 3rd_FP1	29-Aug-07
Nokia N81 8GB	S60 3rd_FP1	29-Aug-07
Nokia N82	S60 3rd_FP1	14-Nov-07
Nokia N85	S60 3rd_FP2	21-Aug-08
Nokia N86 8MP	S60 3rd_FP2	17-Feb-09
Nokia N91	S60 3rd_INIT	14-Apr-05
Nokia N92	S60 3rd_INIT	09-Nov-05
Nokia N93	S60 3rd_INIT	09-Apr-06
Nokia N93i	S60 3rd_INIT	08-Jan-07
Nokia N95	S60 3rd_FP1	26-Sep-06
Nokia N95 8GB	S60 3rd_FP1	29-Aug-07
Nokia N96	S60 3rd_FP2	11-Feb-08
Samsung I7110	S60 3rd_FP2	20-Oct-08
Samsung INNOV8	S60 3rd_FP2	25-Jul-08
Samsung SGH-G810	S60 3rd_FP1	11-Feb-08
Samsung SGH-i400	S60 3rd_FP1	26-Apr-07
Samsung SGH-i450	S60 3rd_FP1	14-Oct-07
Samsung SGH-i520	S60 3rd_FP1	09-Oct-06
Samsung SGH-i550	S60 3rd_FP1	15-Oct-07
Samsung SGH-i560	S60 3rd_FP1	16-Oct-07
Samsung SGH-L870	S60 3rd_FP2	28-May-08

Symbian OS S60 5th Mobile Phone – Nokia 5800XM, N97, 5230, 5802XM, 5530XM and x6

1.4 Apple iPhone and iPad

Please use 2nd generation iPhone3GS/iPhone4 or iPad , this Apple application, like all iPhone/iPad application, needs to be downloaded directly from the iPhone/iPad AppStore.

1) Open Apple iTunes
2) Search for "KWeye" from our third party supplier. It will be a free application.
3) Download and install onto iPhone as per iPhone installation procedures.

4) Please locate the icon and click on it to open the application.
5) You will see following screen.

6) To set up the connection to the DVR, please first click icon to enter settings menu as below right screenshot:

Server Info.
Title: Description of this DVR
Address: DVR IP address or DDNS
Port   : Mobile Port [6003 by default]

Account Info.
User ID: Login User Name 〖Admin〗 by default
Password: Password [888888 by default]

Click after setting, or click to choose other DVR that ever connected.
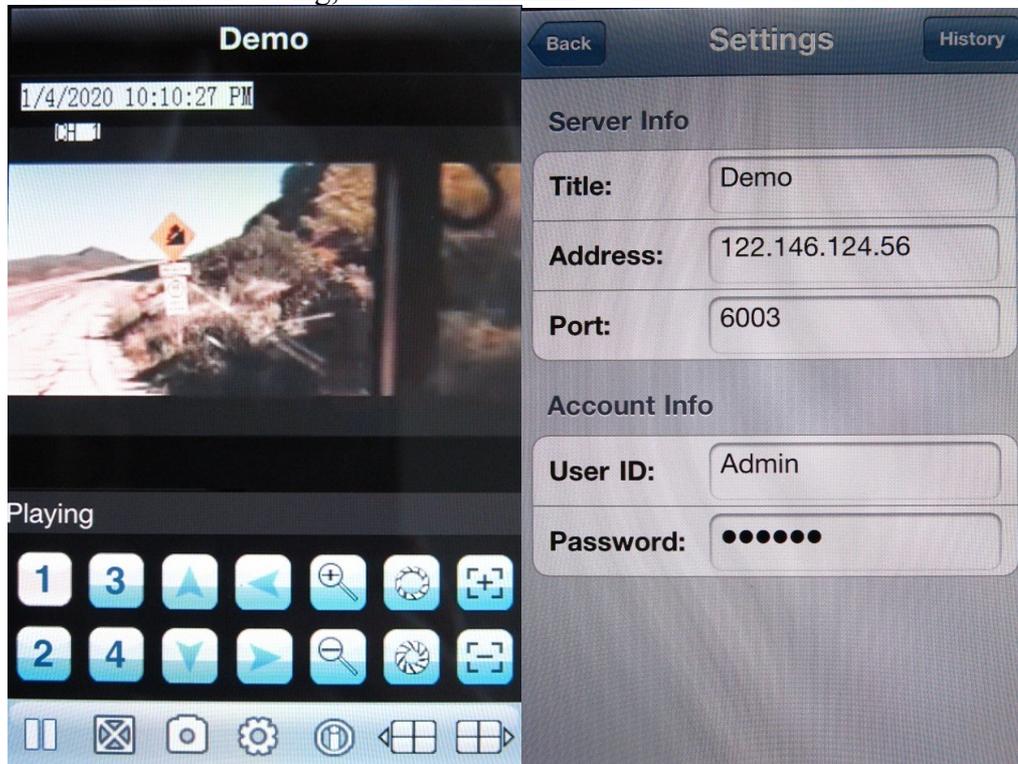
Click icon to connect DVR immediately, after login DVR successfully, user can watch the remote video from mobile phone; the other icons function are as follows:

 switch channel，click show another 4 channel list

 Control PTZ camera direction, Zoom, Iris and Focus.

 Play / **Stop** button

 Picture Snapshot.

 Full Screen

 This software information

1.5 Blackberry Mobile

1) Program installation
1. Copy the setup software "KWEye.cod" and "KWEye.alx" to your PC.
2. In order to be able to install applications and themes via BlackBerry Desktop Manager, firstly the PC should install Blackberry Desktop Manager. BlackBerry Desktop Manager

will be known as "DM." ; otherwise the phone cannot establish the connection with the PC.

3. Connect your BlackBerry mobile phone to your computer via the USB cable that came with it, or any USB cable that fits. Start the DM.

4. Before the installation, open the BlackBerry Desktop Manager. Shown as the red sign on the following pictures, which means the phone has been connected to the PC.
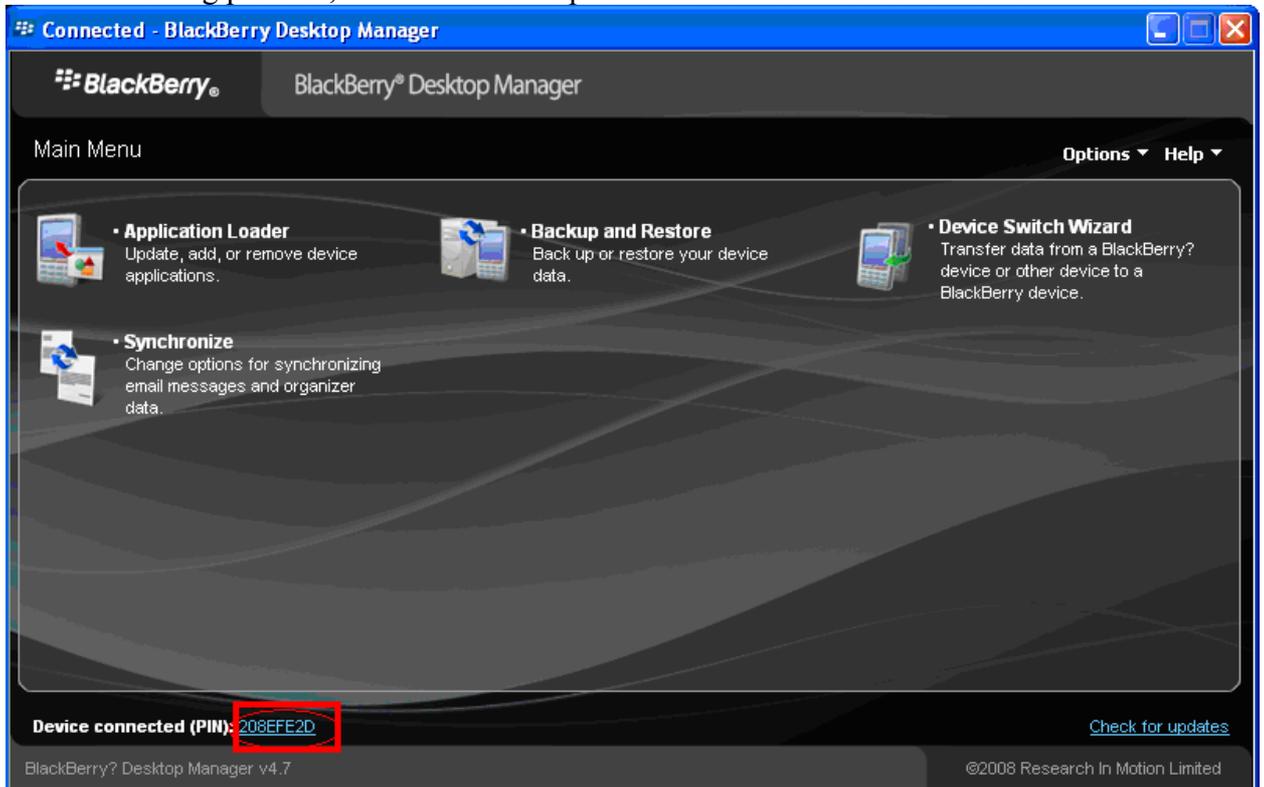
5. Click on "Application Loader" to enter into its interface. In this screen you have two options to select from. Select "Add/Remove Applications" (shown as follows) to Start
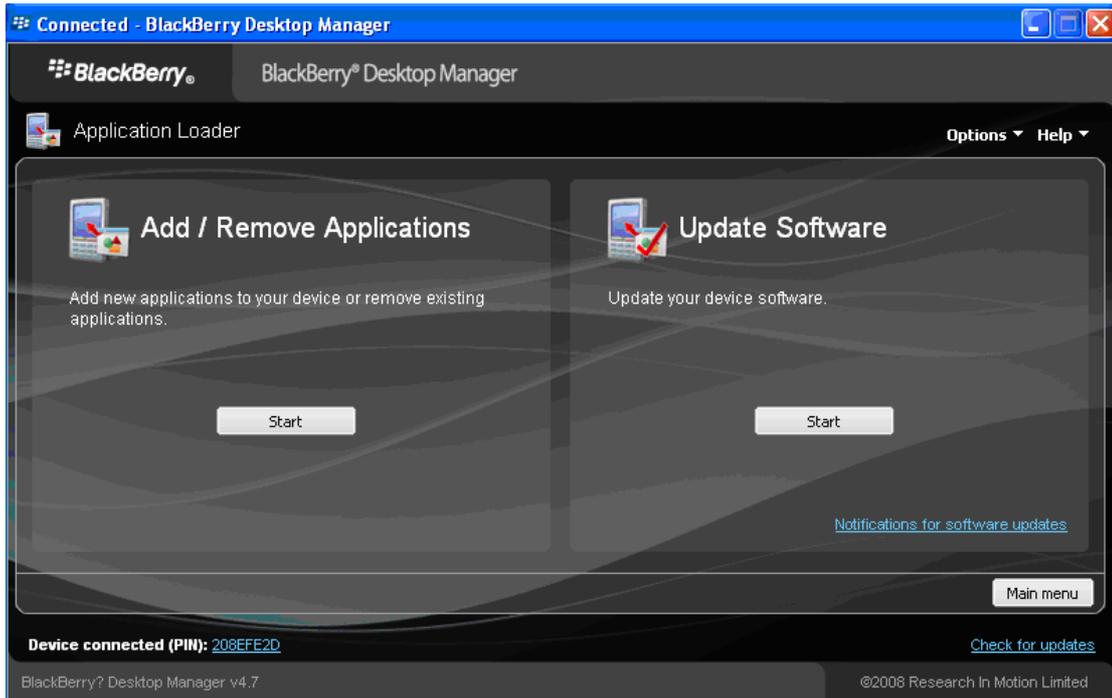
6. You should now see something like what you see below. From this screen, click "Browse" (shown as follows).
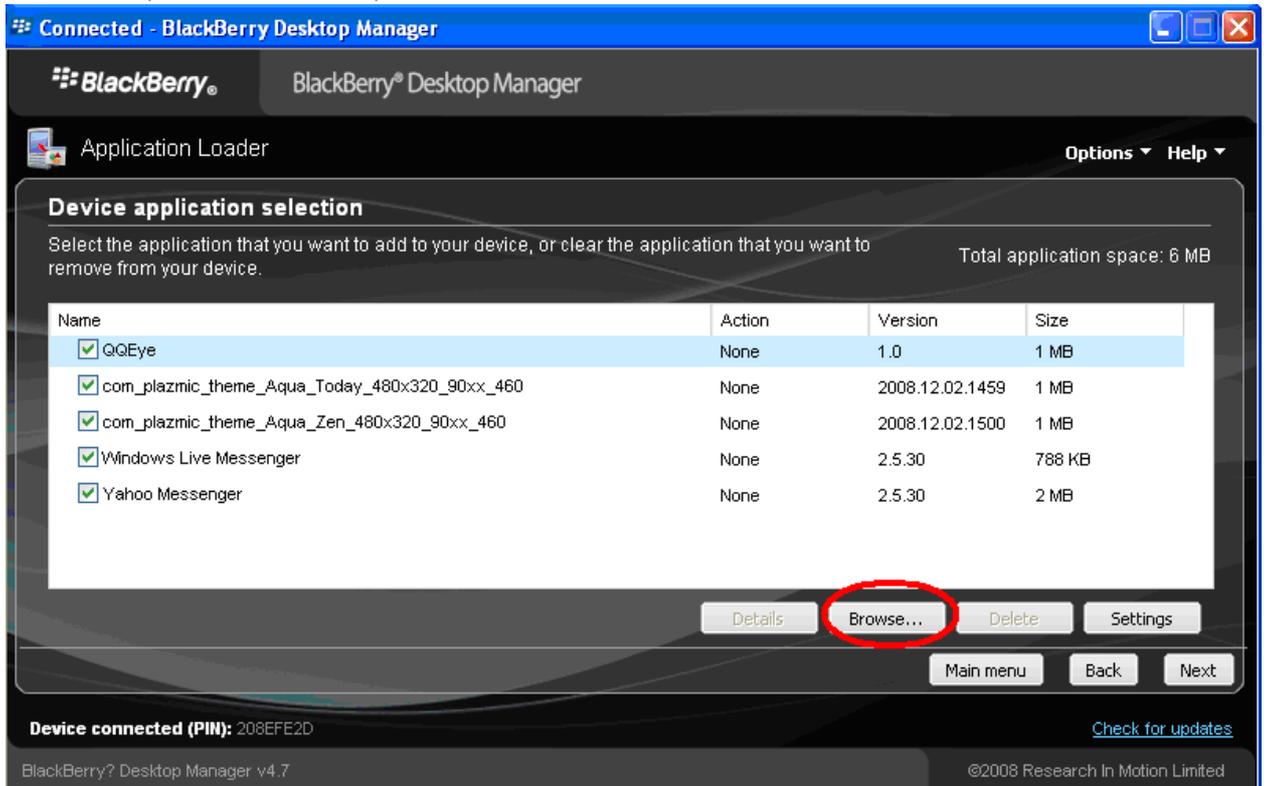
7. Once you click "Browse" you will see a file search screen like the one below. Go to and locate where you saved the application files. Make sure you saved both the ".alx" file and ".cod" file in the same folder. After finding the "KWEye.alx" file for the application, highlight it and click "open".
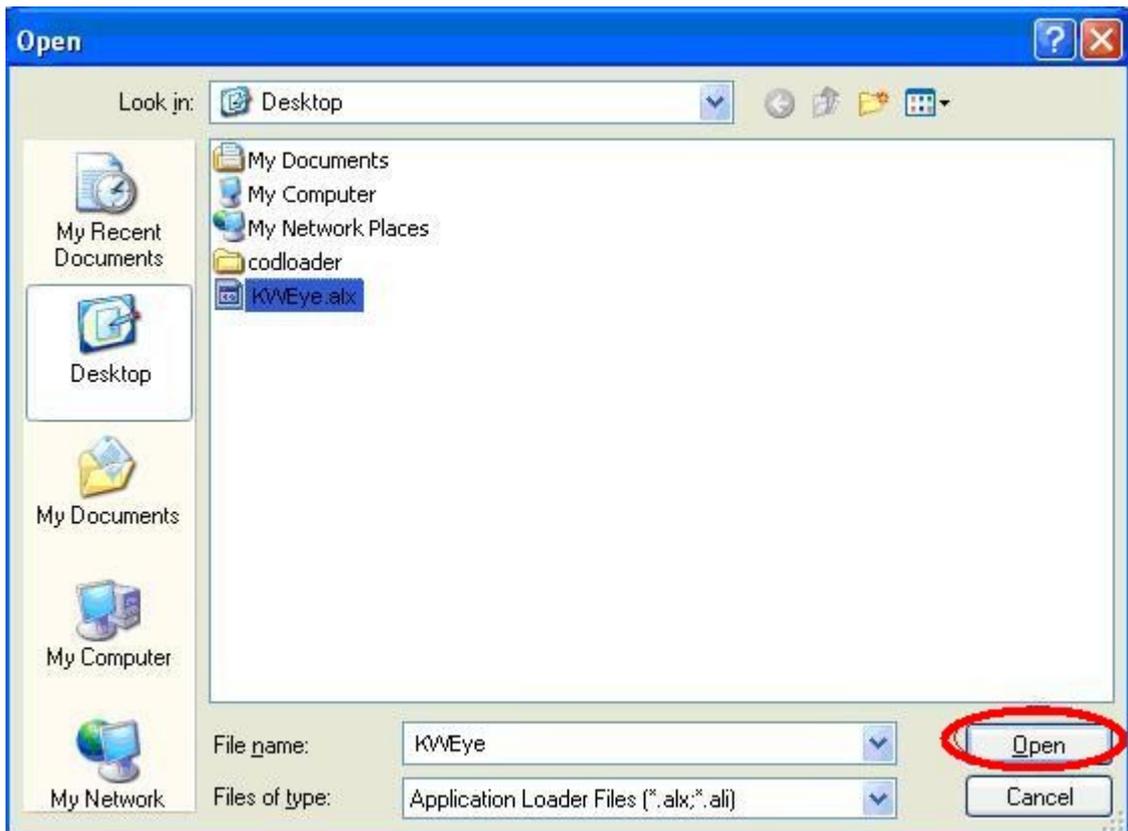
8. You will now return to the Application Loader screen. From here you should see "KWEye" now listed with Install under the Action column (shown as follows) if the installation is successful.
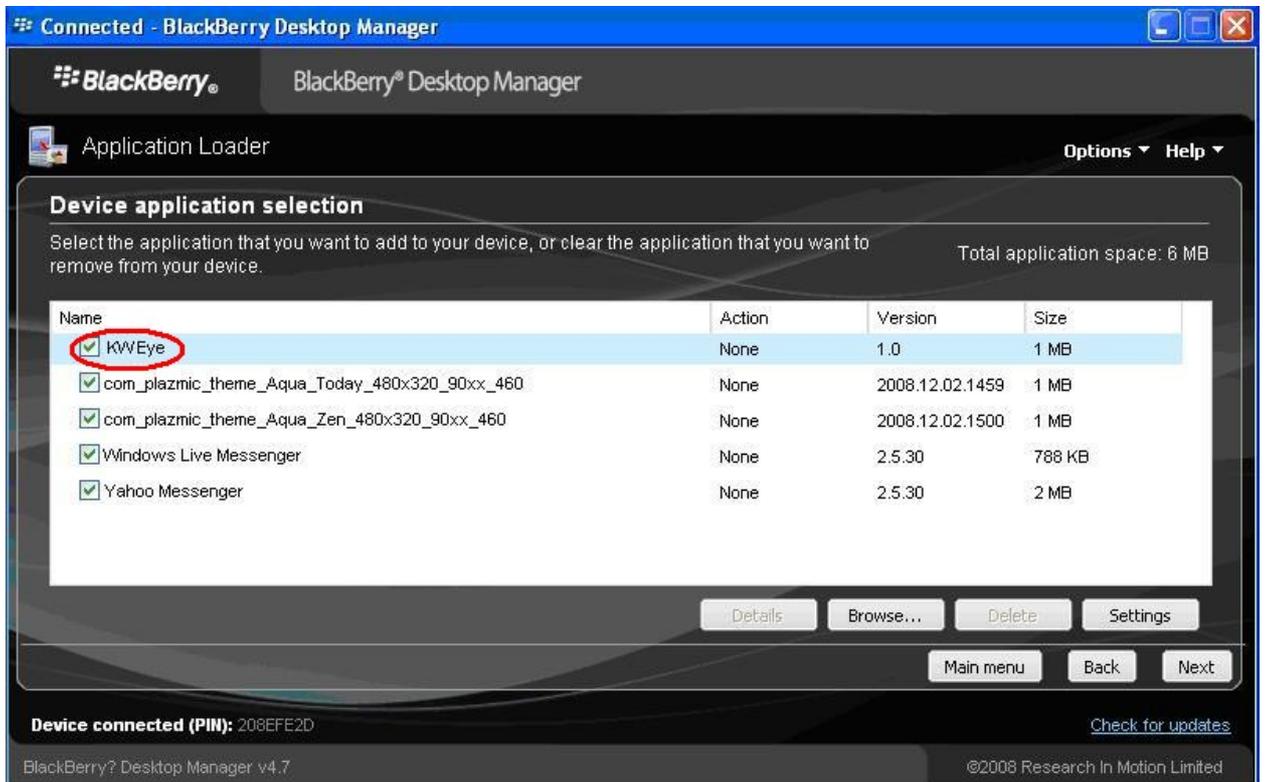
9. You can remove the program "KWEye" as the following method. To enter into Application Loader screen, on "Device application selection" you can select the application that

you want to clear from your device. When the option "Action" is "Remove", it means the program will be clear from your device.
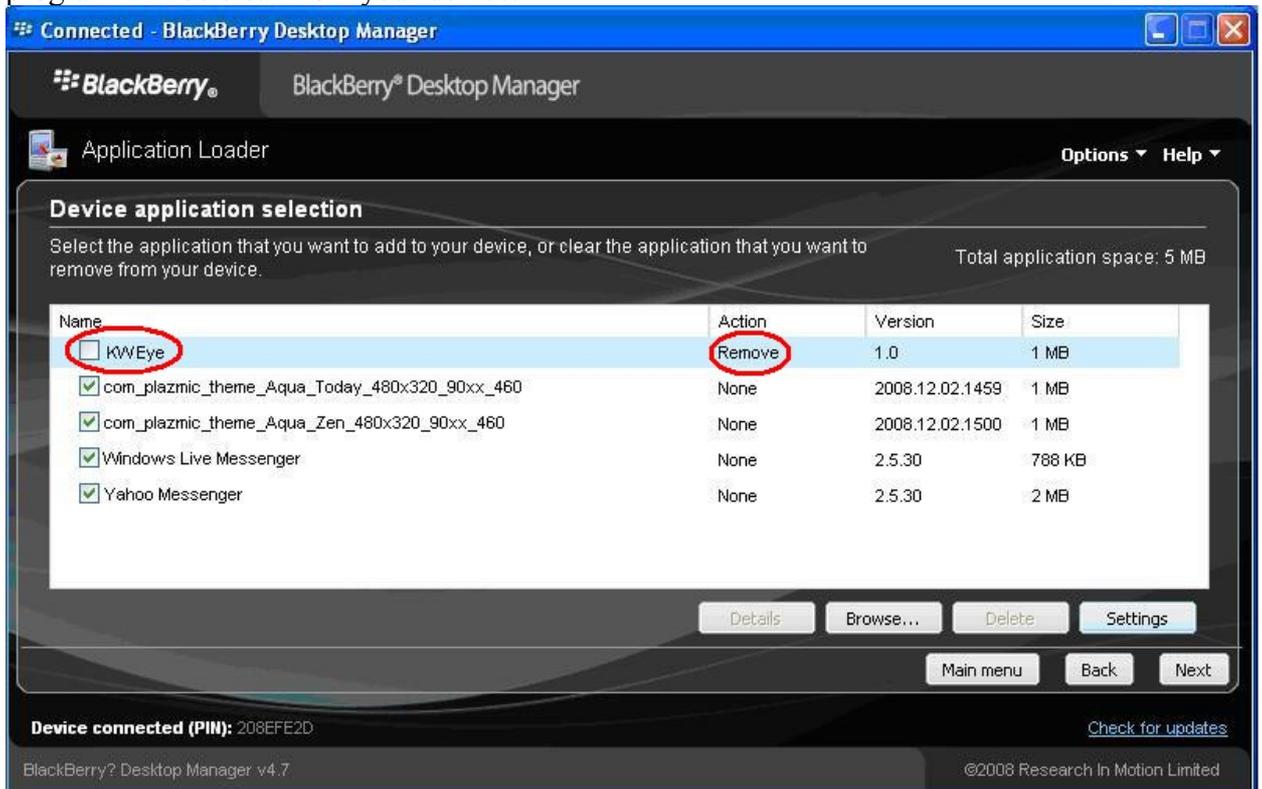
2) System explanations
KWEye phone port has the following capabilities and functions: live video surveillance, channel switch, full screen display, PTZ control, including zoon/focus/iris, image capture, save as favorite and exit function.

① **System main interface**

After the installation, press ![icon] "KWeye" icon in the application, it will appear the below picture(**The Main page**)

② **System setting**

To set up the connection to the DVR, please first click ![gear icon] icon to enter settings menu as below right screenshot:
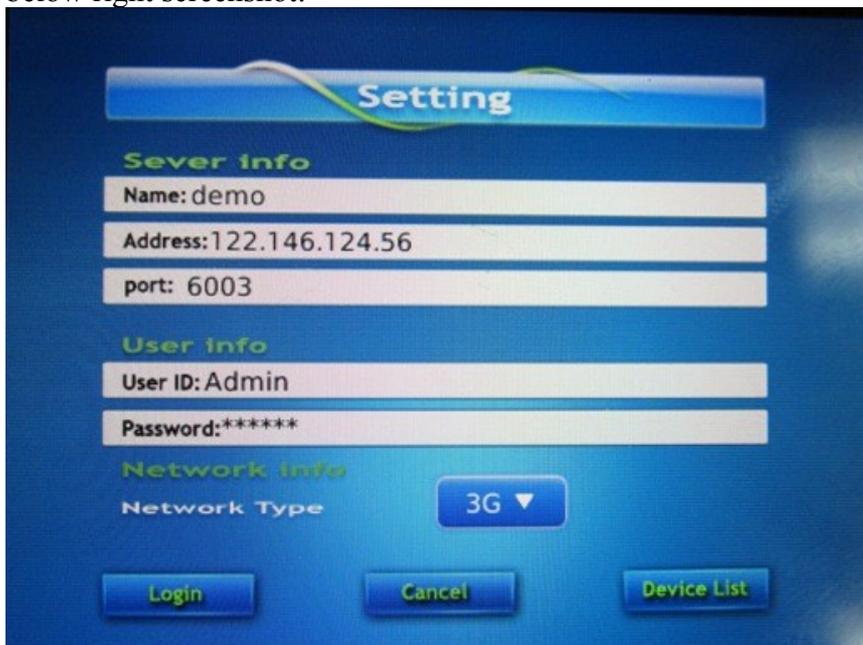
Server Info.
Name: Description of this DVR
Address: DVR IP address or DDNS
Port   : Mobile Port [6003 by default]

User Info.
User ID: Login User Name 〖Admin〗by default
Password: Password [888888 by default]

Network Info.

Network Type: Network through which you connect to the internet, like 3G, WiFi or others

Click after setting to connect, or click to choose other DVR that ever set up for streaming.

③ **Function buttons**

Click icon to connect DVR immediately, after login DVR successfully, user can watch the remote video from mobile phone; the other icons function are as follows:

 Play / **Stop** button

 Full Screen

 Picture Snapshot

 DVR settings

 This software information

 Click to choose channel list

Control PTZ camera direction, Zoom, Iris and Focus.

1.6 Android Mobile (Google Phone compatible)
1. Software Installation

1.1 Please go to Andord sofwtare market to search "KWeye" as below:
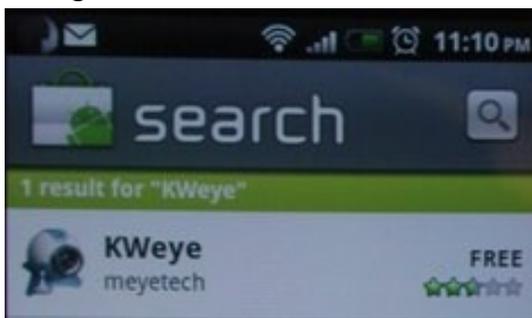
, click to enter and start to "Install"; or copy

the software "**KWeye.apk**" from the CD:/Mobile Phone software/Android to the Android phone(SD card) to install.

1.2 After installed successfully, it will appear KWeye icon in the "All appas":
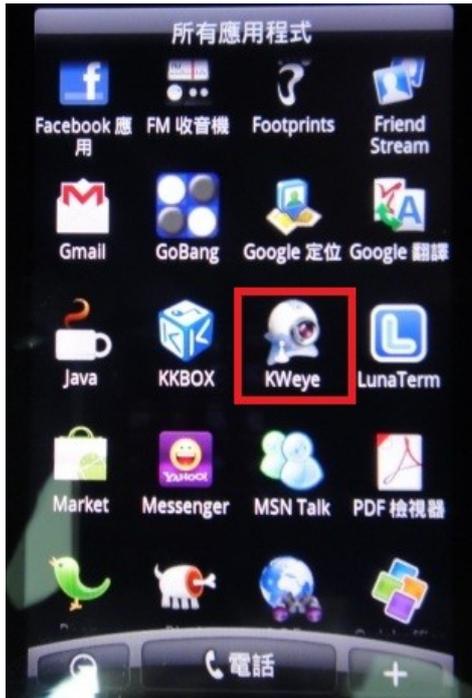
2. Software Operation

2.1   After the installation, click the "KWeye" icon in the "All appas" to run, it will

show the main page as left phot, click the Settings , it will show the right photo:

2.2   **System Settings:**

As the right photo for last page, you may set up the parameters as below:

Devices Info.:

Address: DVR IP address or DDNS

Port : Mobile Port [7050 by default]
DeviceName: Description of this DVR
User Name: Login User Name 〖Admin〗 by default
Password: Password [888888 by default]

Click [Back] after setting to connect, or click [History] to choose other DVR that ever connected.

2.3   The main display screen:

As the left photo for last page, click [▶] icon to connect DVR immediately, after login DVR successfully, user can watch the remote video from mobile phone; the other icons function are as follows:

[1 2 3 4] switch channel，click [⊞ ⊞] to show another 4 channel list

[PTZ control panel] Control PTZ camera direction, Zoom, Iris and Focus.

[▶ ⏸] **Play** / **Stop** button

[📷] Picture Snapshot.

[ⓘ] This software information