

Software Installation & Setup

for Remote Surveillance via GPRS / 3G Mobile Phones or PDA

By AVTECH

Table of Contents

CHECKLIST BEFORE USING.....	3
INSTALLATION & SETUP.....	4
Software Download	4
GPRS / 3G MOBILE PHONE	6
PDA.....	8
AVAILABLE FUNCTIONS	11
GPRS / 3G MOBILE PHONE	11
PDA.....	12

CHECKLIST BEFORE USING

Make sure your PDA or mobile phones conform to the following requirements:

Device	Make sure ...
PDA	Your device is a touch panel PDA.
	The operating system is Windows Mobile 5.0 Pocket PC / 6.0 Professional*. Windows Mobile 5.0 Smartphone / 6.0 Standard is NOT supported.
	J2ME MIDP2.0 is supported.
	Internet services via WiFi or GPRS / 3G networks are subscribed and available to use. For details, please check with your local network operator or service provider.
GPRS / 3G Mobile Phones	J2ME is supported.
	Internet services via GPRS / 3G networks are subscribed and available to use. For details, please check with your local network operator or service provider.
	The port number of the connected device (such as DVR or network camera) is NOT 80. The suggested port number is 88.

* We do not guarantee the compatibility of the mobile surveillance software in every touch panel PDA brand with the operating system of Windows Mobile 5 Packet PC / 6.0 Professional. Please check with your distributor for details.

INSTALLATION & SETUP

Software Download

STEP1: To download the software for mobile surveillance, please visit the following website address from your PDA or mobile phones:

<http://211.75.84.102/fae/MobileAP/index.html>

NOTE: The Internet access setting via WiFi or GPRS / 3G networks varies depending on different PDA or mobile phone brand. For details, please refer to its individual user manual, or check with your local network operator or service provider.

NOTE: You might be charged for Internet access via WiFi or GPRS / 3G networks. For the Internet access rate details, please check with your local network operator or service provider.

You will see the following five applications to download:

- GPRS / 3G Software
- EagleEyes (J2ME)
- EagleEyes (J2ME New version)
- EagleEyes (For WinCE)
- EagleEyes (For WinCE New Version)



NOTE: Please ignore EagleEyes (J2ME). This one is outdated and not suitable for remote surveillance now.

STEP2: Select the application you need and start downloading.

To know which program you should download, please refer to the following table:

If your device is ...	And your DVR model is ...	Please download ...
GPRS / 3G Mobile Phone	AVC787 / 785 / 783 Series	GPRS / 3G Software
	AVC760 / 761	
	AVD717 / 715 Series	
GPRS / 3G Mobile Phone	DG1648 / 0824 / 0412	EagleEyes (J2ME newVersion)
	KPD616 / 608 / 604 Series	
	AVD718 / 714	
	AVI321 / 203	
	AVC792 / 792D	
	DR040	
	AVC760A / 761AS Series	
PDA	AVC787 / 785 / 783 Series	EagleEyes (For WinCE)
	AVC760 / 761	
	AVD717 / 715 Series	
PDA	DG1648 / 0824 / 0412	EagleEyes (For WinCE New Version)
	KPD616 / 608 / 604 Series	
	AVD718 / 714	
	AVI321 / 203 / 202 / 201	
	AVC792 / 792D	
	DR040	
	AVC760A / 761AS Series	
	KPD678 / 677 / 676 / 675 / 673 / 672 / 671	

STEP3: Follow the on-screen instructions after downloading.

For mobile phones, the application will save to the location you specified.

For PDA, the application will save to "Programs".

GPRS / 3G MOBILE PHONE

The setting interface of each mobile phone may vary depending on its individual brand. Therefore, the interface shown below only illustrates the main functions of the application, and is for reference only. For the actual display, please refer to your own mobile phone.

WithGPRS/3Gsoftwareinstalled

STEP1: Go to the location where you save the application, and you will see the item "Supervisor".

STEP2: Select "Supervisor" to key in the information necessary for DVR or network camera remote access.

1.IP

Enter the IP address of the device you want to connect.

2.PORT

Enter the port number used by the device you want to connect.

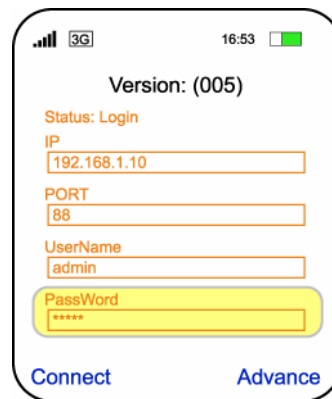
You can use the port number from 0 ~ 65536 except 80. It's recommended to use 88.

3.UserName

Enter the user name used to access the device you want to connect.

4.PassWord

Enter the password used to access the device you want to connect.



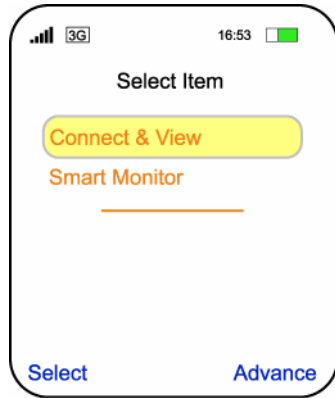
The screenshot shows a mobile phone screen with a login form. At the top, it displays 'Version: (005)'. Below that, the status is 'Login'. The form has four input fields: 'IP' with the value '192.168.1.10', 'PORT' with the value '88', 'UserName' with the value 'admin', and 'PassWord' with masked characters '*****'. At the bottom, there are two buttons: 'Connect' and 'Advance'.

STEP3: Make sure the information above is correct, and confirm the connection set to start accessing the device remotely.

WithEagleEyes(J2MENew version)installed

STEP1: Go to the location where you save the application, and you will see the item "EagleEyes".

STEP2: Select "Connect & View" to go to the setting page, similar as follows. Key in the information necessary for DVR or network camera remote access.



Select "Connect & View"



CreateNewConnectionSet

1.HostName

Give a name for this connection set.

2.UserName

Enter the user name used to access the device you want to connect.

3.Password

Enter the password used to access the device you want to connect.

4.IP

Enter the IP address of the device you want to connect.

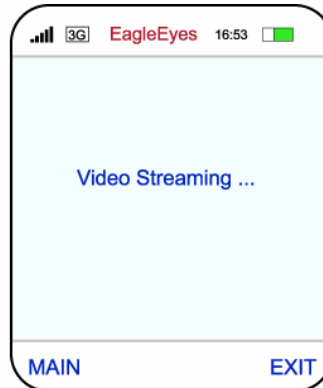
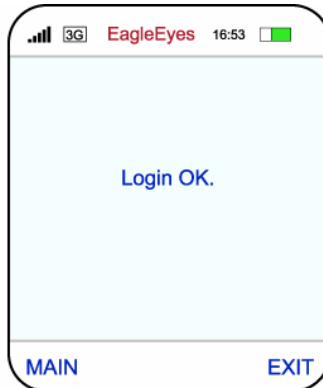
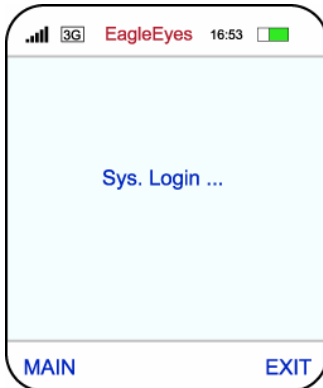
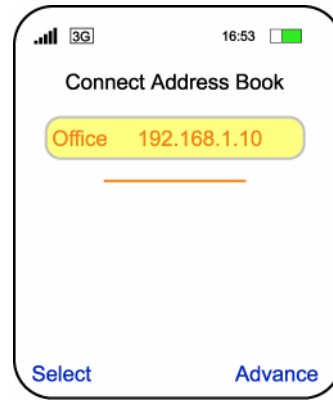
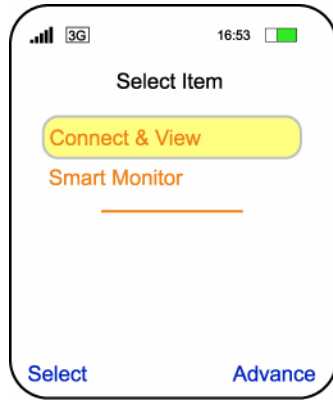
5.Port

Enter the port number used by the device you want to connect.

You can use the port number from 0 ~ 65536 except 80. It's recommended to use 88.

STEP3: Make sure the information above is correct, and confirm the connection set to save the setting, and at the same time, you will return to the previous layer.

STEP4: Select “Connect & View” again, and select the connection set you just created to start connecting to the device you want.



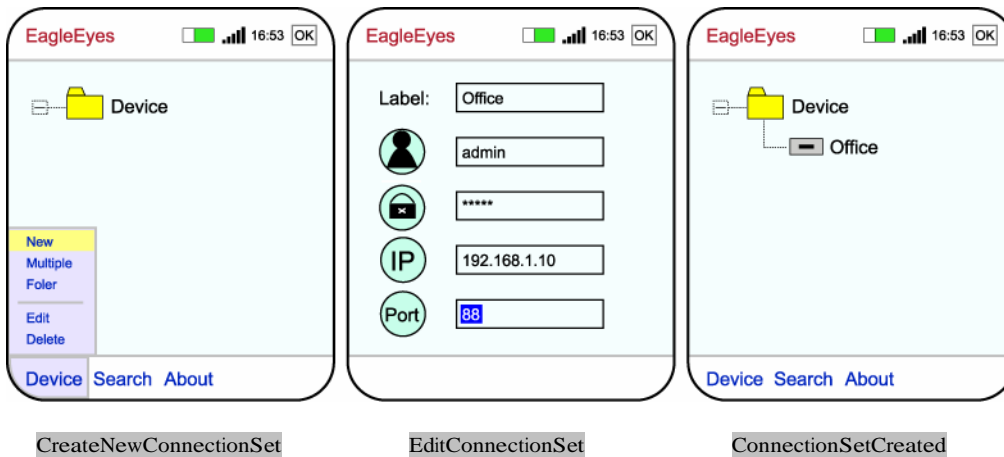
PDA

The setting interface of each PDA may vary depending on its individual brand. Therefore, the interface shown below only illustrates the main functions of the application. For the actual display, please refer to your own PDA.

WithEagleEyes(For WinCE) installed


STEP1: Go to “Programs” “EagleEyes” to go to the setting page.

STEP2: Click “Device” to add a connection set, and key in the information necessary for DVR or network camera remote access.




1.Label

Give a name for this connection set.

2.  (UserName)

Enter the user name used to access the device you want to connect.

3.  (Password)

Enter the password used to access the device you want to connect.

4.IP

Enter the IP address of the device you want to connect.

5.Port

Enter the port number used by the device you want to connect.

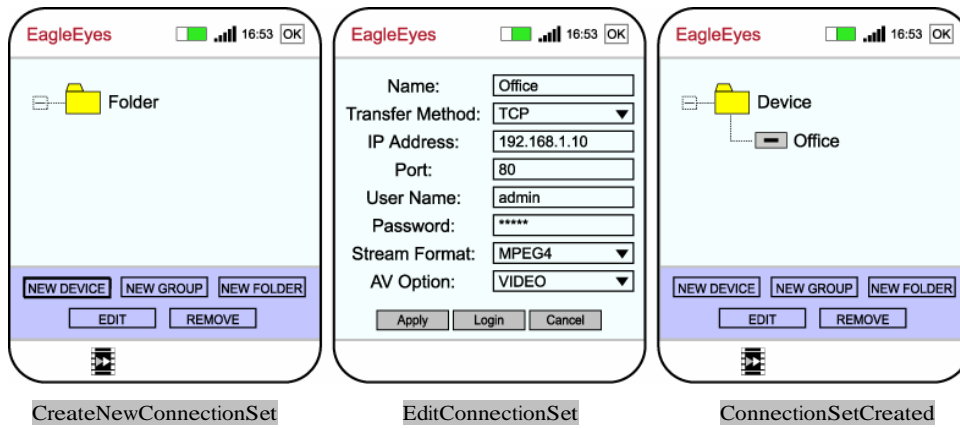
STEP3: Make sure the information above is correct, and confirm the connection set to save the setting, and at the same time, you will return to the previous layer.

STEP4: Select the connection set you just created to start connecting to the device you want.

WithEagleEyes(For WinCE New version)installed

STEP1: Go to “Programs” “EagleEyes” to go to the setting page.

STEP2: Click “NEW DEVICE” to add a connection set, and key in the information necessary for DVR or network camera remote access.



CreateNewConnectionSet

EditConnectionSet

ConnectionSetCreated

1.Name

Give a name for this connection set.

2.TransferMethod

Select TCP or UDP.

3.IPAddress

Enter the IP address of the device you want to connect.

4.Port

Enter the port number used by the device you want to connect.

5.UserName

Enter the user name used to access the device you want to connect.

6.Password

Enter the password used to access the device you want to connect.

7.StreamFormat

Select MPEG4, JPEG or H.264 (if available).

8.AVOption

Select VIDEO, or VIDEO / AUDIO.

STEP3: Make sure the information above is correct, and confirm the connection set to save the setting, and at the same time, you will return to the previous layer.

STEP4: Select the connection set you just created to start connecting to the device you want.

AVAILABLE FUNCTIONS

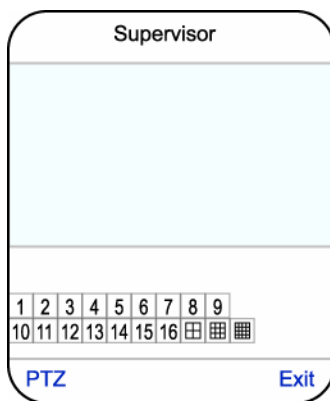
When the installation is completed, you can start the remote surveillance via your device now. The functions available are depending on the remote device you have, and the software you installed.

For details, please refer to the following sections.

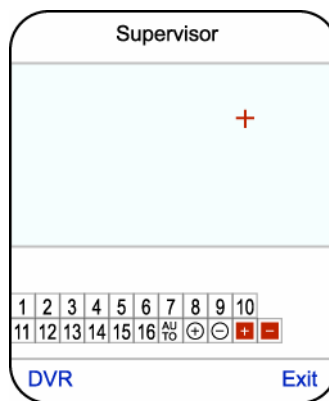
GPRS / 3G MOBILE PHONE

With GPRS/3G software installed

- a) DVR Mode
 - Single channel switch
 - 4-cut / 9-cut / 16-cut display mode switch
- b) PTZ Mode
 - Hot point
 - Auto pan
 - Zoom in / out
 - Focus in / out



DVRMode

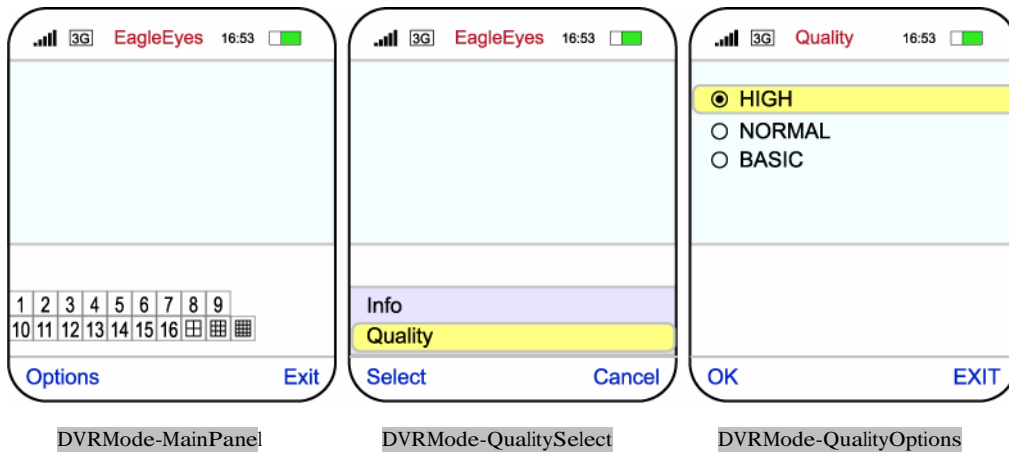


PTZMode

WithEagleEyes(J2MENew version)installed

DVR Mode

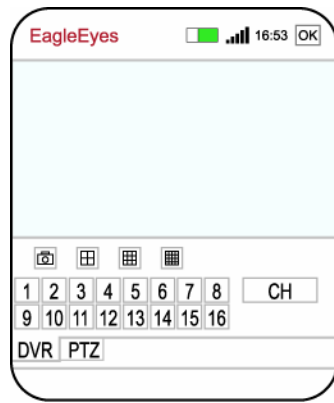
- Single channel switch
- 4-cut / 9-cut / 16-cut display mode switch
- Quality change



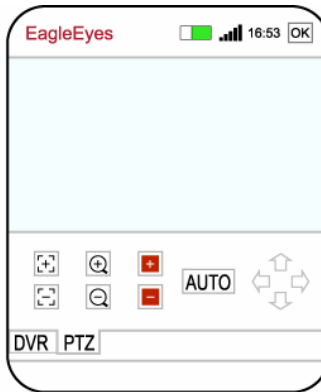
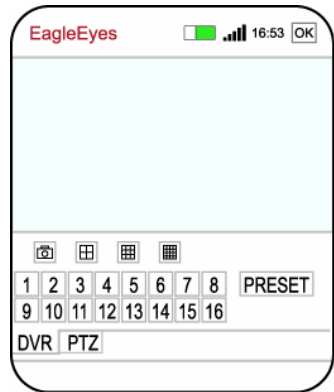
PDA

WithEagleEyes(For WinCE) installed

- DVR Mode
 - Single channel switch
 - 4-cut / 9-cut / 16-cut display mode switch
 - Snapshot
- PTZ Mode (from left to right)
 - Preset point 1~16 selection (switch to DVR and click "CH")
 - Focus near / far
 - Zoom in / out
 - Max Zoom in / out
 - Auto pan
 - Pan / tilt / zoom control



DVRMode



PTZMode

WithEagleEyes(For WinCE New version)installed

- a) DVR Mode
 - Record / playback at the remote site
 - Playback
 - Channel switch
 - Remote independent operation
 - 4-cut / 9-cut / 16-cut display mode switch
 - Quality change
- b) PTZ Mode
 - Record at the remote site
 - Pan / tilt / zoom control
 - Auto pan
 - Auto Tracking
 - Focus near / far

