

PIXORD MOBILE SOLUTION

USER'S MANUAL

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PIXORD Mobile Surveillance

What is PiXORD Mobile Surveillance?

PIXORD Mobile makes possible your surveillance only with your cell-phone. The perfect solution when you don't have a computer around to access the Internet. Use your cell phone to monitor what is going on at your office and home. Just combining our IP Cameras and Video Servers, plus this software for your cell phone, it will make your surveillance needs at the reach of your hands. Tested and verified in several countries*, this tool makes your surveillance easier than you have ever thought.

*Countries: Taiwan, China, USA, Australia, Switzerland, Portugal, England, Ireland, Italy, Germany, Sweden, Finland, South Africa, France, Israel

Advantage Features

- ***M-to-M connection***
Connecting the cell phone directly to the IP camera or Video Server, with no PC or Server in between, avoiding any privacy concerns.
- ***MJPEG surveillance equipment support:***
Including IP Cameras (fixed), IP Dome (PTZ), Video Server (Multi-Channel), DVR (Multi-Channel)
- ***Extended Mobile Phones support:***
Requiring only JAVA support and Internet Access*, connect to the IP Camera or Video Server within some steps.

*Internet Access - WAP rates may vary in different countries, please contact your local telephone company for more information.
- ***Fastest speed:***
Under 2.5G environment, speeds of up to 1-3 frames/sec
Under 3G environment, speeds of up to 5-10 frames/sec
Under Wi-Fi environment, speeds of up to 10 frames/sec
- ***Versions***
 - Free Version***
Limited for use with only 1 PIXORD surveillance device and provides only limited features
 - Full Version (by Subscription)***
For all PIXORD surveillance devices – MJPEG Series

USER'S MANUAL

1. Requirements for the Cell-Phone

GPRS service (at least) to access the Internet from the cell-phone
Java Platform: Java 1.0 (at least) or Java 2.0 (recommended).

2. Downloading the surveillance software for the cell phone

2.1 Use the cell-phone, and browse the web for: <http://wap.pixord.com:8001>

2.2 To have a faster access, it is recommended to create a bookmark

Title: <Enter a name for the bookmark>

Address: <Enter the WAP address for downloading the Pixord Surveillance software>

Once the bookmark is set, please access the download, and the homepage will display the following options:

Free Version

Traditional Chinese 1 CH, Dome, 4 CH

English: 1 CH, Dome, 4 CH

Professional Version (Full Version, for subscribers only)

Mo_Pixord_HS.jad

Mo_Pixord_HS.jar

The user can select either JAD or JAR version, if the JAD version is not accepted, please download the JAR version

Once the language is selected, a list of options will be available, click on Download Mobile Phone Surveillance System

A list of distributor and manufacturers will be displayed

Please select from Surveillance Equipment Manufacturers Pixord Version, and then from the Express Version, select either Site 1 or Site 2

A window will pop-up displaying if Mo_Pixord_HS.jar/jad should be downloaded, please select OK to start downloading

Comparison Table

Function	Mobile surveillance full version	Mobile surveillance free version
Connection method	Point to point	Point to point
IP	Fixed/Floating	Fixed/Floating
Speed	<ul style="list-style-type: none">2.5G: 1~3FPS3G: 5~10FPS	<ul style="list-style-type: none">2.5G: 0.5~1FPS3G: 0.5~1FPS
PTZ control*	Yes	No
Snapshot	Yes	No
Split screen	yes	No
Channel mode*	yes	No
Resolution	QSIF / SIF / Full	QSIF / Full

adjustment*		
Quality setting*	lowest / low / middle / high / highest	lowest / highest
Add camera	Unlimited	Only one
Note:		
<ul style="list-style-type: none"> * Varies by type of equipment 		

3. Adding the Camera

Once the download is complete, the software will be installed in the programs/configuration of your cell-phone, named Mo_Pixord.

Execute the software to initiate the setup of the camera into your cell-phone

Select Add, to add a quick access icon for the camera.

Once selected Add, an Icon will be displayed on your cell-phone desktop.



4. Setting the Camera

Click on the Icon of the new camera to be setup, and then click on Setting. Once clicked, a menu will request you to enter the following information:

Alias: Enter a name to identify the device.

Serial Number:

Free Version:

There is no need for any Serial Number

Full Version:

Serial No: Enter the serial number provided by Pixord. Only for subscribers
For more information please contact salesall@pixord.com

IP (domain name is also acceptable): Enter the IP address of the device to be monitored

Port: Enter the Port number which has been assigned to the device

DDNS: use (make a checkmark if a domain name is entered; only Public IPs redirected to the DDNS address will be available for such feature)

Account/Password: Enter the respective Username and Password if applicable

Select Camera Kind (IP Camera, IP Dome, and Video Server/DVR)
Click on OK once the setting are entered.



5. Viewing the live video

After the settings are configured, enter into the camera by clicking on the camera icon located at your cell-phone desktop, then click on Live Vision

The following section is made for your reference only; messages will vary depending on the cell-phone's brand and model. Messages may not follow as described in this section.

Connecting to the GPRS service for monitoring the IP camera/Video server:

A window will pop-up advising that there will be a charge* for such connection,

Options:

Yes, this is running

Only this operation. Ask me again

Not this operation. Ask me again

Not this running

Select the desired option for establishing the connection: Yes, this is running.

A menu will request which service you are using for the WAP service.

Select the proper one and click on OK.

Once the connection is successful, the Live View will be displayed

(*Charges will be based on the local prices and service packages)



6. Live View Features

Operation	<p>PTZ: If a PTZ device is attached to the IP camera/Video Server, it will allow the customer to control the Pan/Tilt/Zoom features.</p> <p>Preset: Allows the view to be moved to preset points if applicable</p> <p>Channel: Allows the user to switch among different channels. This feature is only applicable for Video Server or IP cameras that have more than 1 channel under the same IP address</p>
Image	<p><i>Selectable Options:</i></p> <p>Quality: Poor, Low, Medium, High, Excellent</p> <p>Size: QSIF, SIF, Full</p> <p>Snapshot: Takes a snapshot and stores it to the album</p> <p>Move</p> <p>Full : for full screen viewing</p> <p>Split: splits the live view into 2, 4 or 6 windows</p> <p>Original : Original Size</p>
Album	<p>This feature is enabled when snapshots are taken.</p> <p>When the snapshots are stored, it will allow the user to slide through the images. (Previous, Next, Delete, Main Menu):</p>
Back	<p>Goes back to the cell-phone desktop</p>



7. Troubleshooting

Q: Phone GPRS setting

(2.5G)

Currently the services provided by the various carriers differ from country to country. Generally there are 2 types of setting methods. They are WAP and MMS. Generally all telecommunications carriers can send a short message to your mobile phone after you request service. All that needs to be done is save the settings on your phone. Because our system runs on GPRS therefore, there might be difference in the settings.

Please contact your service provider and users manual for further details

(3G)

No additional setting are required, all the necessary setting are built in.

Q: How to set the GPRS function on the mobile phone?

All telecommunications company provides GPRS service. First apply for the GPRS service with your provider then contact the customer service to inquire about the proper method to set up GPRS service on your phone model

Q: I can't download the phone based application?

Please check that your phone supports java and has GPRS service.

If not please purchase a compatible phone.

If your phone does support java and has GPRS than please check if you have WAP service from your telecommunication provider.

If you still cannot download, then please check if the GPRS is set properly.

Q: My Phone can't display image

Possible reasons:

1. No ADSL service
2. ADSL has not connected
3. ADSL signal loss
4. If you are using IP router than please set your (Virtual Server) using your computer.
5. GPRS not active
6. GPRS signal is too weak
7. GPRS is not set properly
8. Some phone models due to its own processing limitation, for example: Nokia 6610, the memory space is too small, and when the images are being transmitted they are too large, the phone can't process the data fast enough so it can't display them. Therefore, please reduce the resolution to the lowest and restart the application.

Q: cannot connect successfully

Some Telecommunications provider's WAP Gateway only permit port 80, therefore, the surveillance device's port must be changed to 80 in order to connect.

Q: Mobile phone displays application error?

Below are the possibilities:

1. The APN of the GPRS is incorrect. Please check setting
2. If the users are using a camera with winbond chipset for example Kingwave, Acutvista, Patatech, and Orite; and also using small screen type phones such as Nokia(7210/720/6610/6100/6108/3300) or Moto (V303/V878), then please first

connect to the camera, change the resolution to the smallest(160x120 or 176x144), and then you should be able to connect properly.

Q: How do I enter into the IP router setting screen?

Please check your IP router manual, find the original IP, then use the IE and enter the IP to connect.

For example: IP router's original IP is 192.168.1.1, then enter http://192.168.1.1 into your web browser.

Q: Is the serial number case sensitive?

Yes, all letters should be capital letters

Q: How do I set my IP router to let my mobile phone see the image?

All IP routers have different setting screens. However, you can find the IP router (Virtual Server) setting and its IP and port. This part is the camera's IP, if you are using an IP router, this IP should be virtual IP, generally most IP start with 192.168. The Port is the camera's port, just match it correctly than you should be able to see live images from your phone. However, make sure you can see the image on your browser first. If you can't see the image on your PC browser then you won't be able to see images on the phone.

8. Supported Cell-Phones

Our software support Java based phones, current models are listed below:

1. NOKIA: 7650 / 3650 / 7210 / 7250 / 6610 / 6100 / 6108 / 3300
2. MOTOROLA: T720 / A388c
3. Sony Ericsson: P800

Other models are being continuously tested.

Nokia

			
Nokia 6600	Nokia 7610	Nokia 6630	Nokia 6260

Motorola

				
Motorola A768i	Motorola A760	Motorola E680	Motorola E100	Motorola V975

Sony Ericsson

						
SE P900	SE P910i	SE K600i	SE S700i	SE P800	SE K500i	SE K700i