

# IC-3115W

## User Manual

07-2012 / v1.1



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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. For more information about this product, please refer to the user manual on the CD-ROM. The software and specifications are subject to change without notice. Please visit our website [www.edimax.com](http://www.edimax.com) for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

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### **Notice According to GNU General Public License Version 2**

This product includes software that is subject to the GNU General Public License version 2. The program is free software and distributed without any warranty of the author. We offer, valid for at least three years, to give you, for a charge no more than the costs of physically performing source distribution, a complete machine-readable copy of the corresponding source code.

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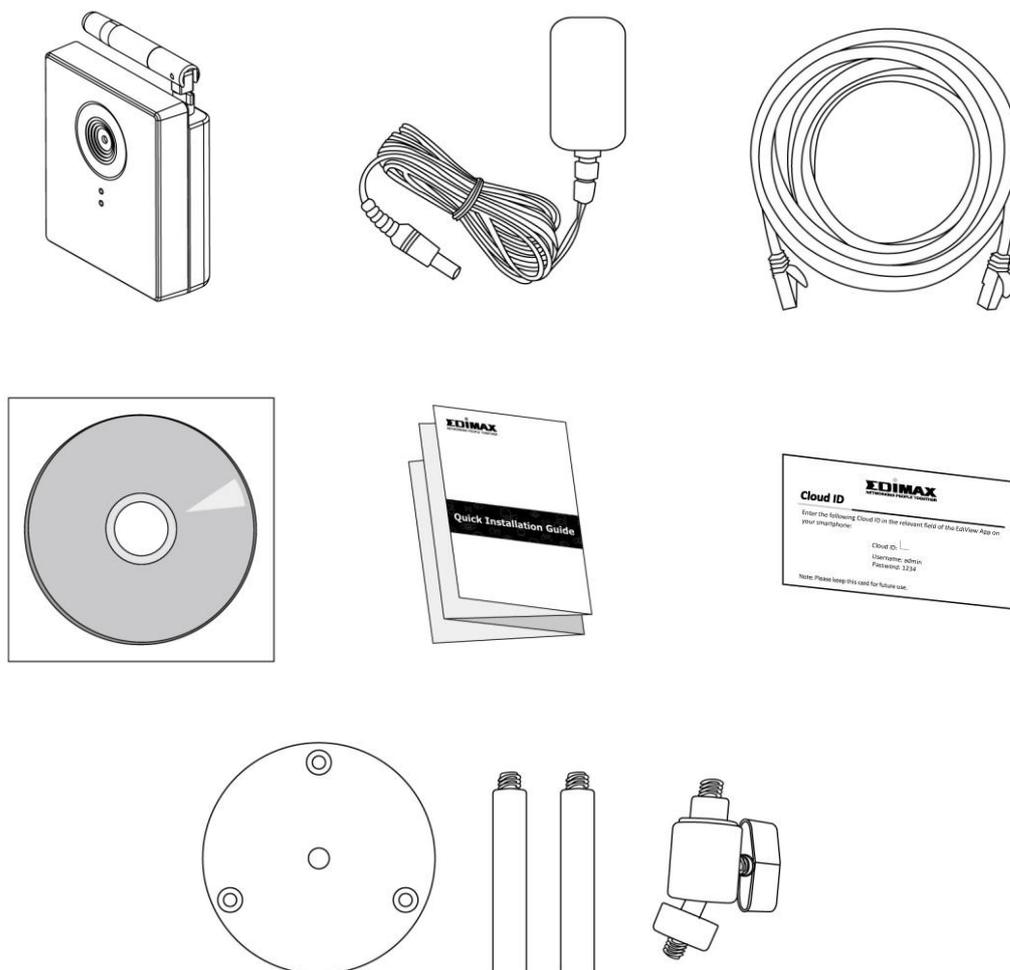
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## Chapter I: Introduction

### 1.1 Package Contents

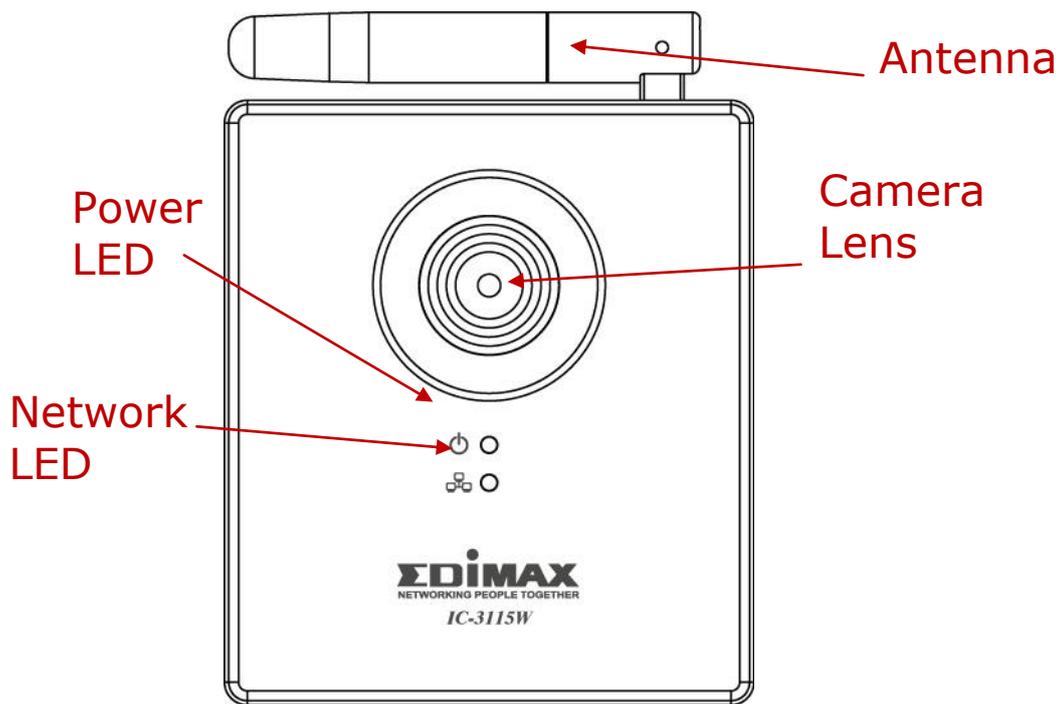
Please check the contents of your new Network IP Camera when you unpack the package. If any item is missing, please contact your dealer of purchase for help.



- Network camera (1 pcs)
- Power adapter (1 pcs)
- Ethernet cable (1 pcs)
- Mounting kit (1 pcs)
- CD with utility software and user manual (1 pcs)
- Quick installation guide (1 pcs)
- Cloud ID card (1 pcs)

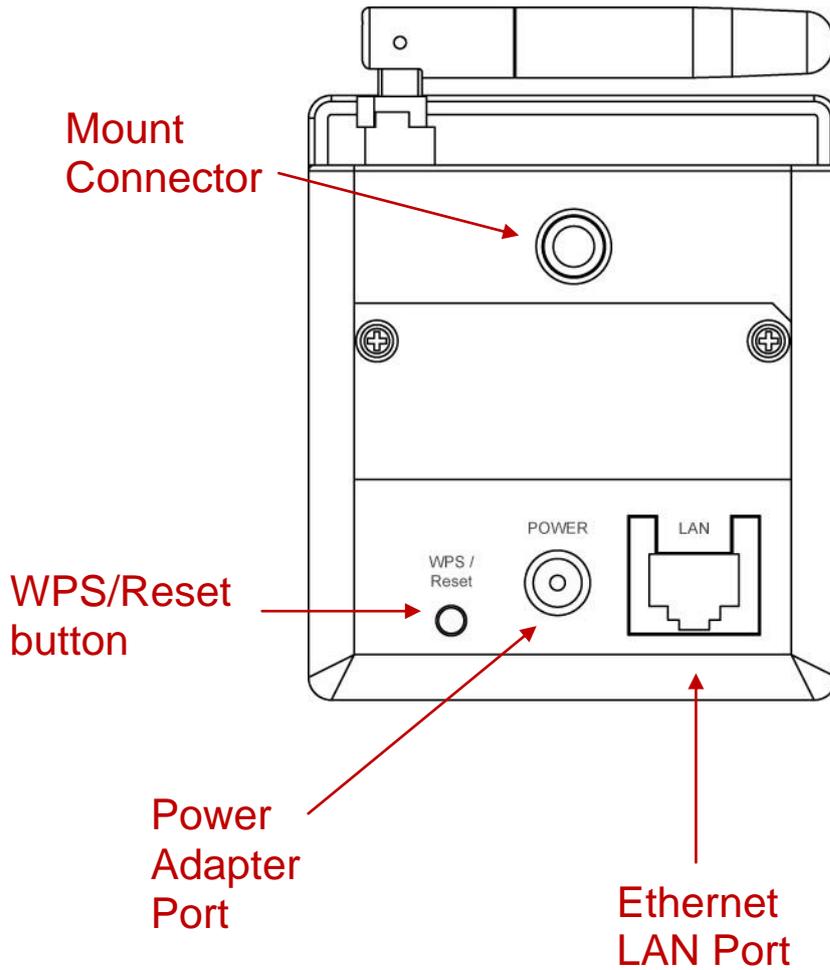
## 1.2 Hardware Overview

Front



Item	Description
 <b>Power/Cloud LED</b>	When the camera is first turned on, the LED will flash while the camera connects to the cloud. When the LED remains on without flashing, the camera has successfully connected to the cloud.
 <b>Network LED</b>	This LED flashes when there is wired or wireless network activity.
<b>Camera Lens</b>	Camera receives images through this 1.7mm wide lens.
<b>Antenna</b>	Camera receives and transmits wireless signals through this 2dBi antenna.

Back

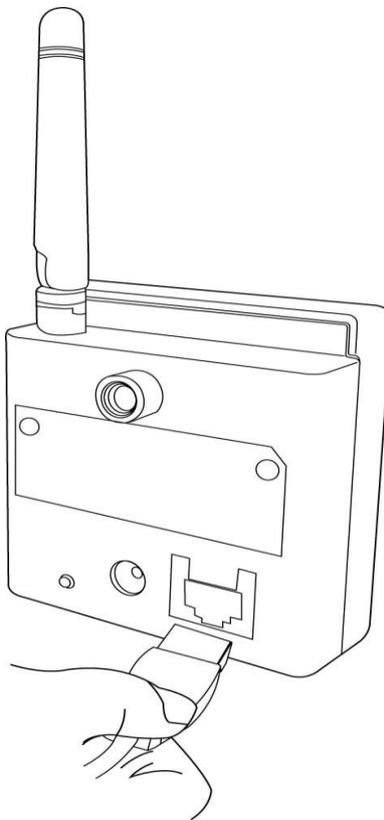


Item	Description
Mount Connector	Attaches to the enclosed mounting kit, which allows the camera to stand or to hang from a wall or ceiling.
WPS/Reset button	Hold down the button for 2 seconds to start WPS connection mode, or hold it down for 10 seconds to reset the camera to factory default settings.
Power Adapter Port	Connects to the 5V power adapter
Ethernet LAN Port	Connects to an Ethernet LAN port

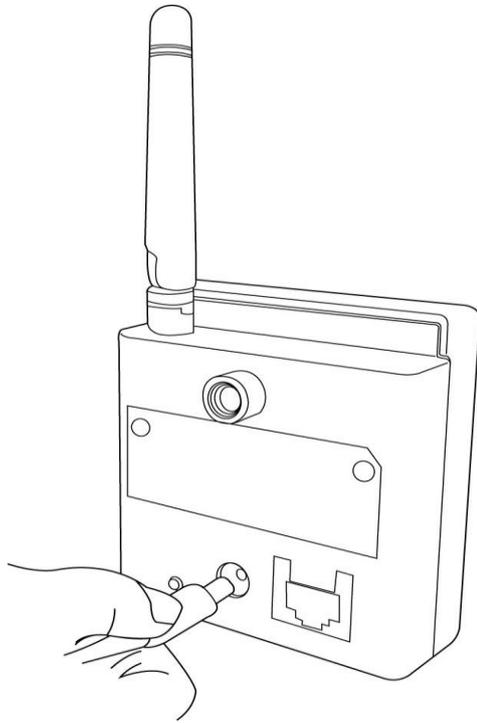
### 1.3 Installing the Network Camera

Please follow the following instructions to setup your new network camera.

1. Remove the camera and its accessories from the packaging.
2. Review the contents and compare with the component list. If any components are missing, please contact your supplier.
3. Connect the network camera's LAN port to a router or switch's LAN port with an Ethernet cable.



4. Connect the mounting kit to the mounting connector on the back of the camera. The camera can then stand on a flat surface, or be attached to a wall or ceiling..
5. Plug the adapter into an electrical socket and connect the power cable to the power jack located at the rear of the network camera.

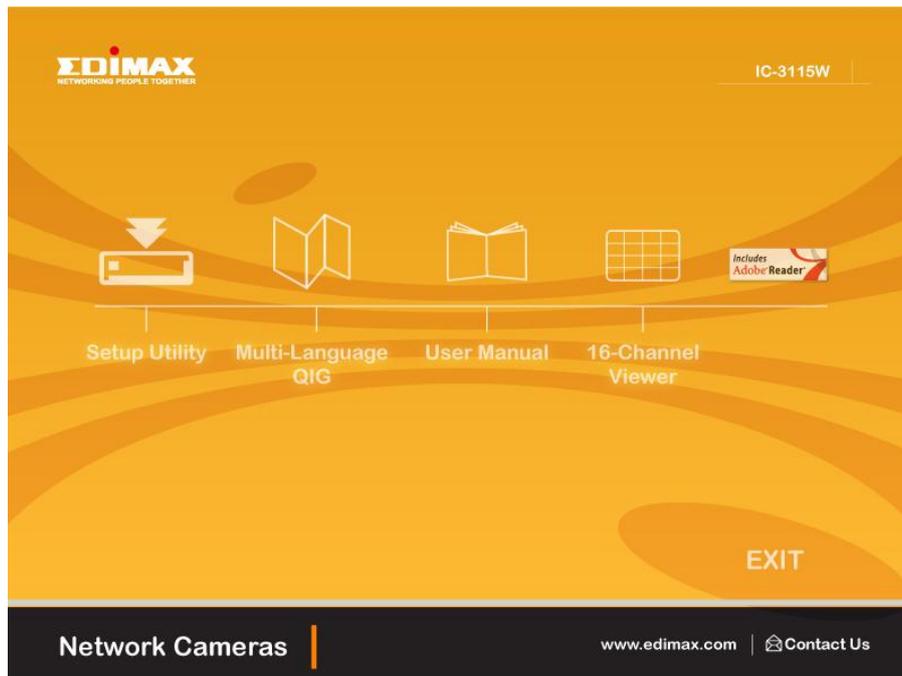


6. After installation, the Power/Cloud LED will flash for 10 to 15 seconds while the camera connects to the cloud. When the LED stops flashing, the camera has successfully connected to the cloud.

## Chapter II: Accessing the EdiView Finder Utility

### 2.1 Edimax Ediview Installation Package

The network camera package includes a CD-ROM that contains the utilities and reference manuals to assist in installing, locating and using the network camera. When the CD-ROM is inserted into your computer, the following screen appears:

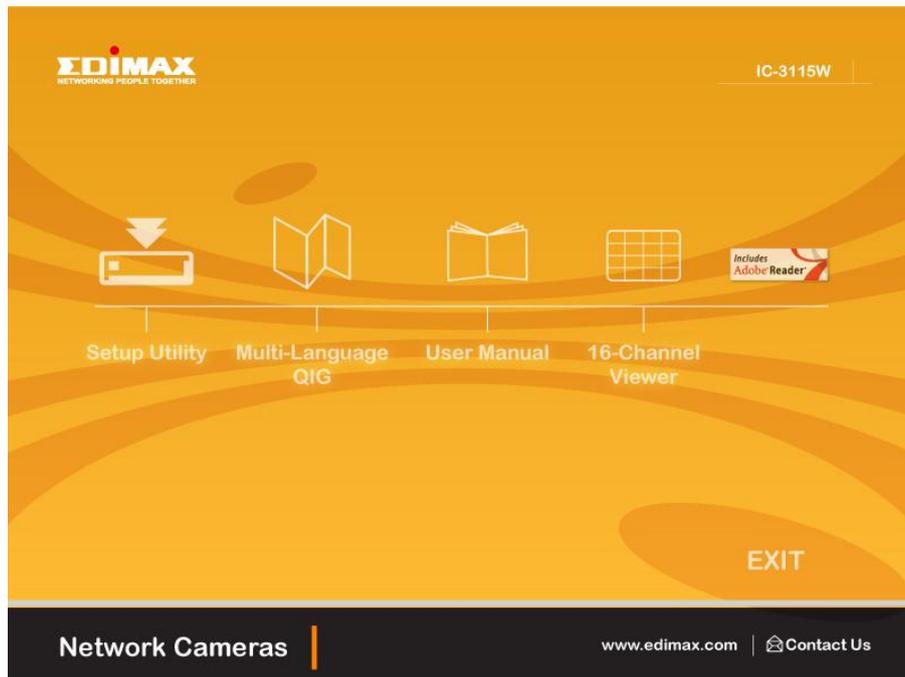


The following options are available on the CDROM:

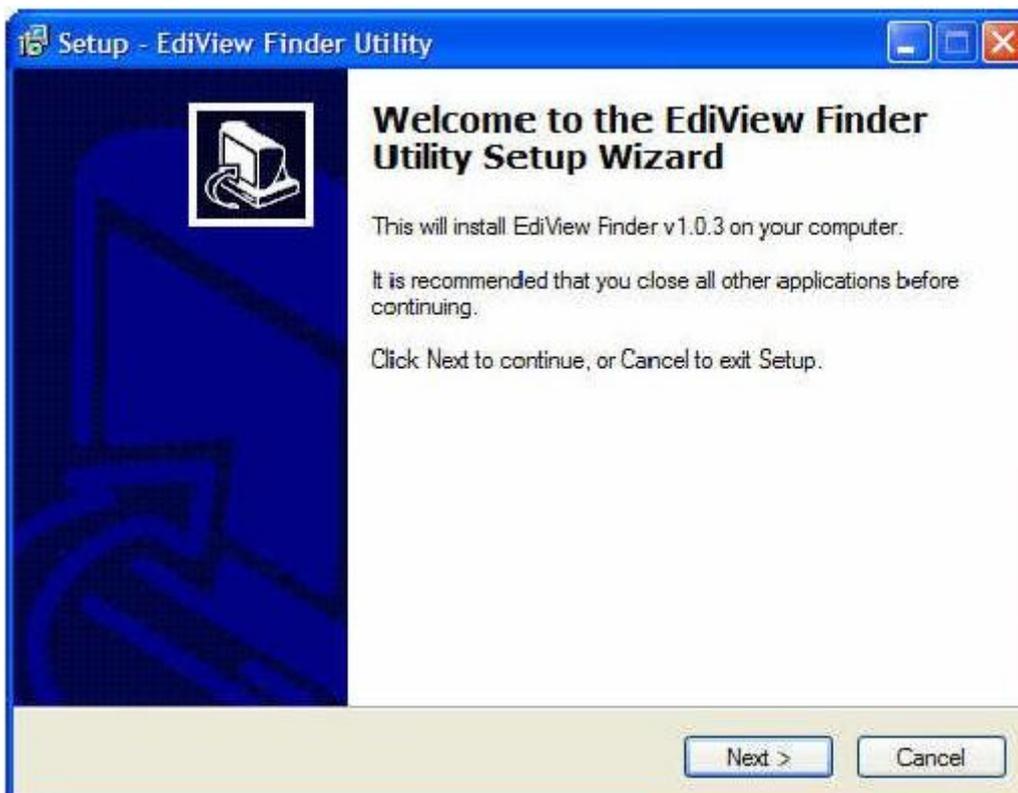
- Setup Utility: Installs the EdiView Finder utility (Windows only)
- Multi-Language Quick Installation Guide (QIG): Opens a quick installation guide ebook
- User Manual: Open a user manual ebook
- 16-Channel Viewer: Installs the 16-channel camera viewer application (Windows only)
- Exit: Exit the installation CDROM

## 2.2 Installing the Ediview Finder Utility Software

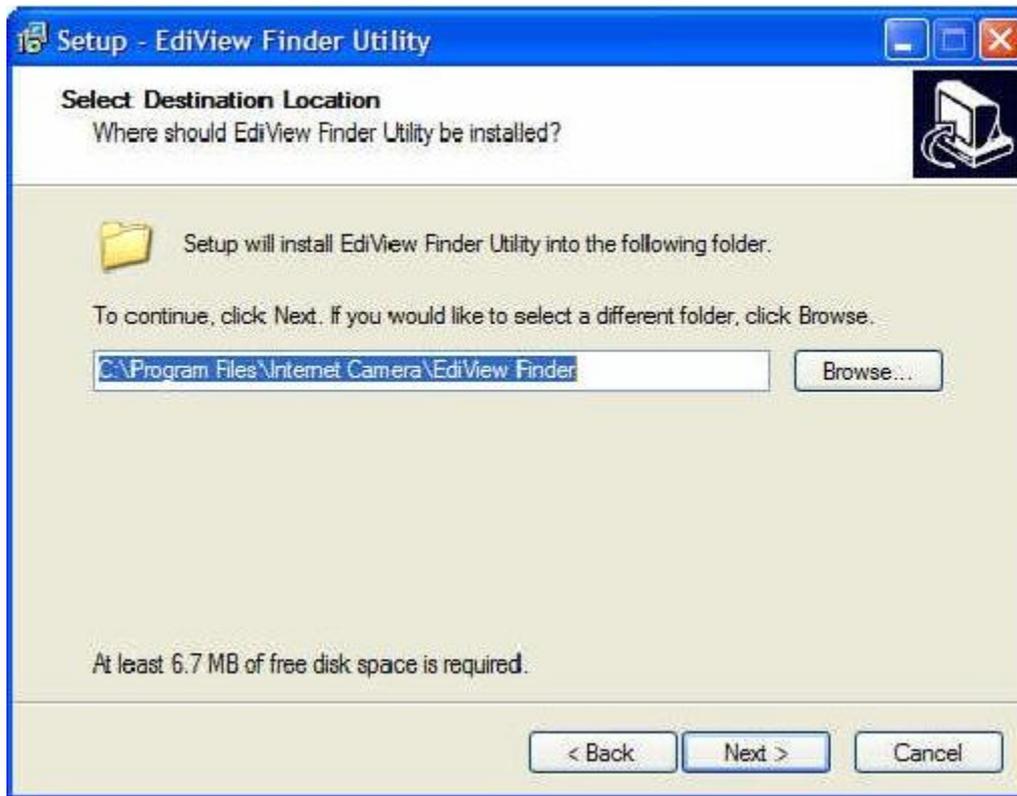
1. Click the “Setup Utility” icon to start the installation wizard.



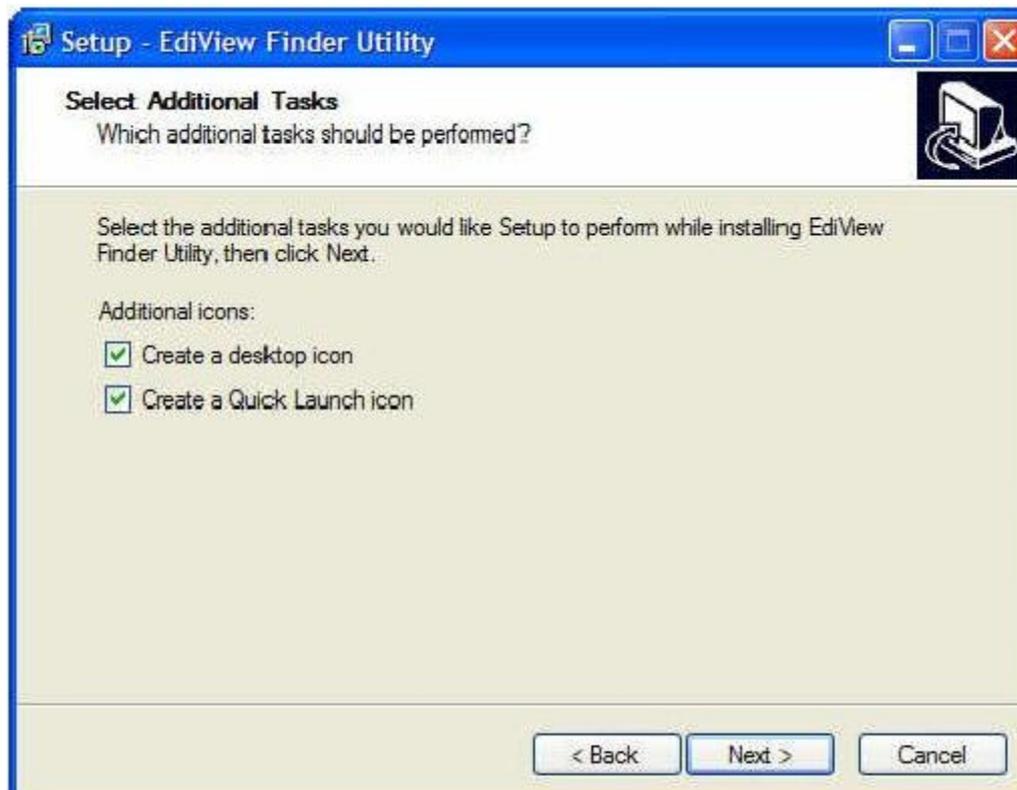
2. Click “Next” to start the installation process.



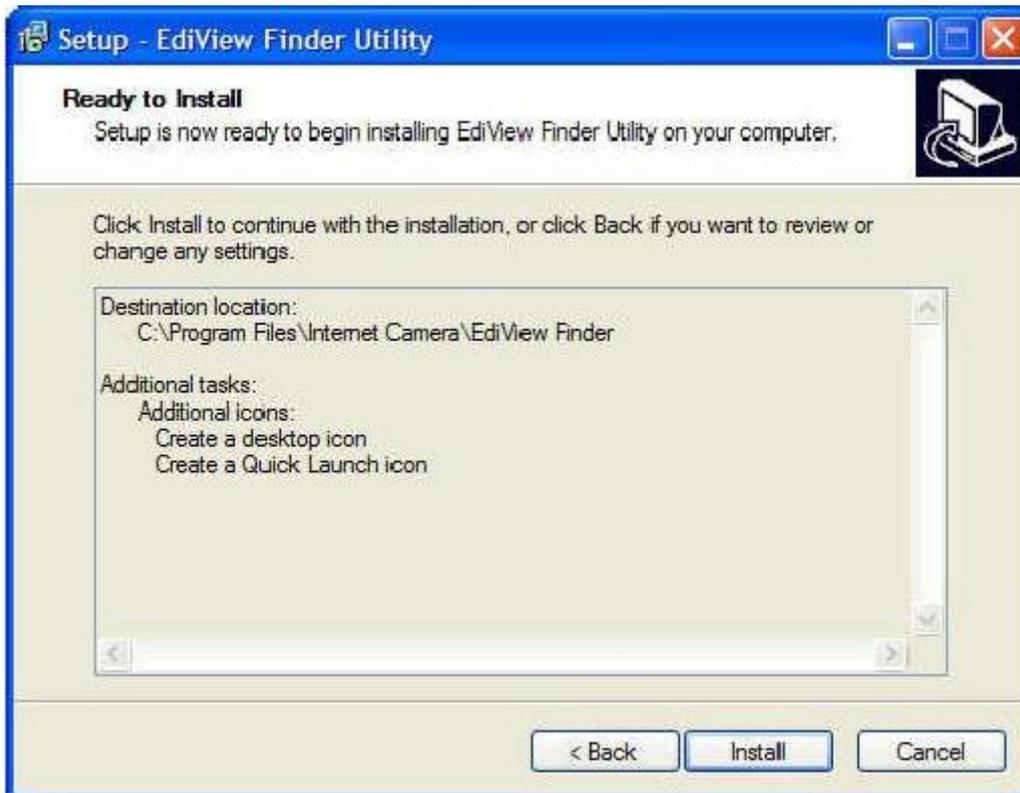
3. To set the application installation folder:  
Click “Next” to use the default value, or  
Click “Browse” to select a different location on your file system.



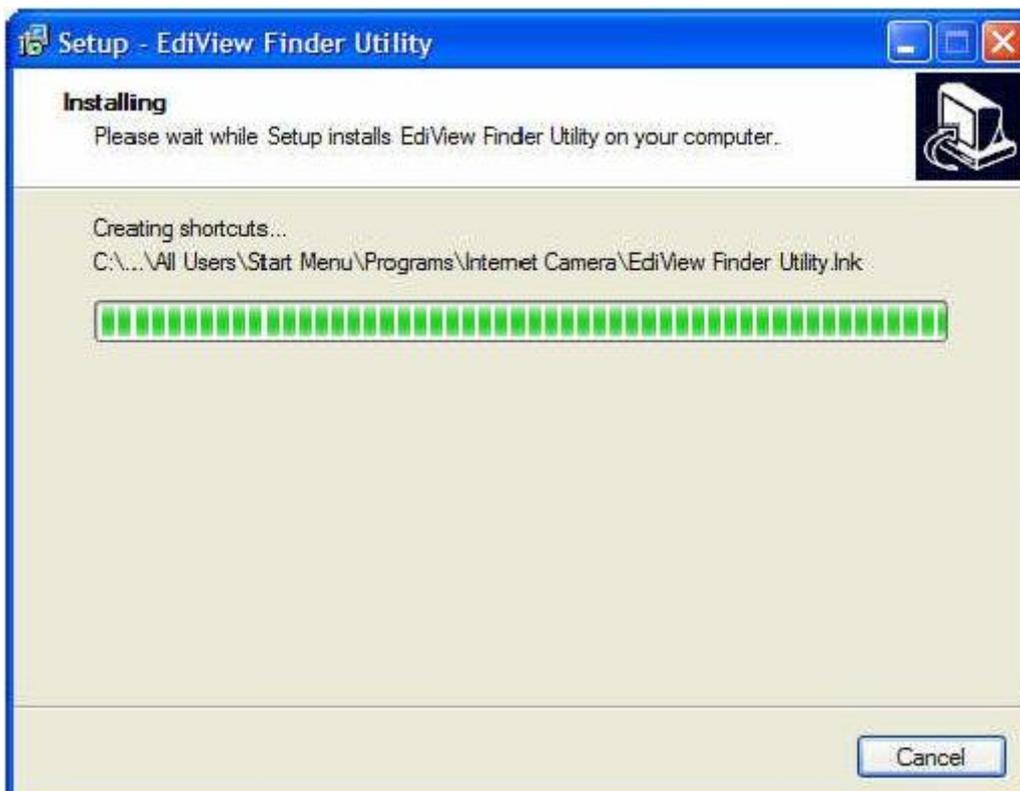
4. To set the application startup options:  
Select “Create a desktop icon” to add an application icon to the desktop  
Select “Create a Quick Launch icon” to add an application icon to the quick launch bar.



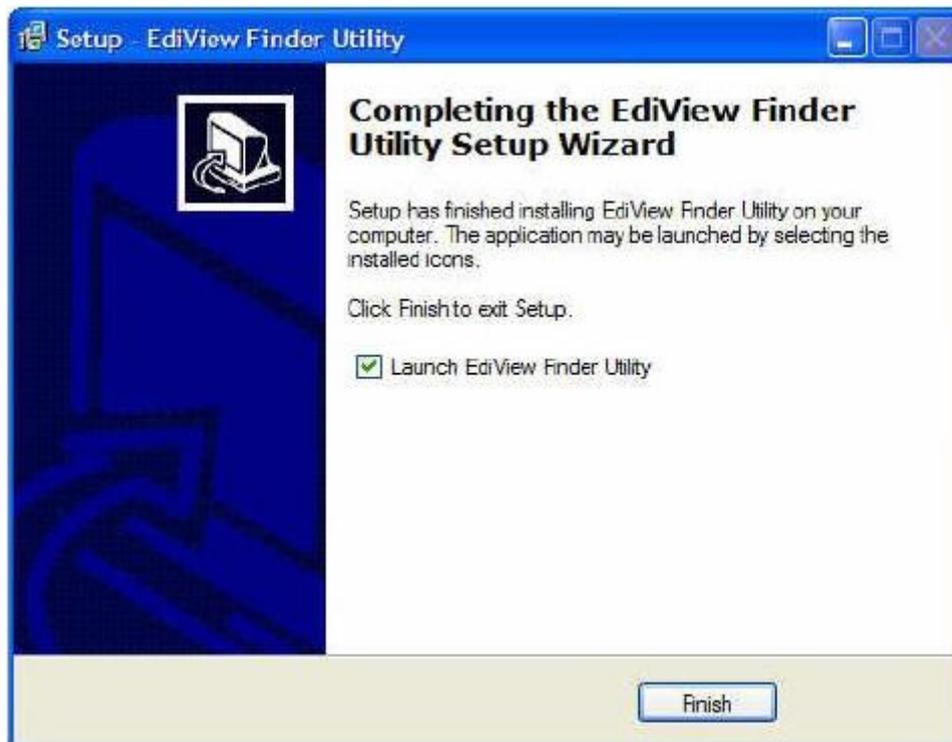
5. The application is ready to install. Review the installation settings in the information window. Click “Install” to continue or “Back” to return to the previous step.



6. The progress of the installation is displayed in the following window. This step may take several minutes to complete.



7. EdiView Finder is installed. Click “Launch EdiView Finder Utility” if you want to use the application after the installation is finished. Click “Finish” to close the installation window.

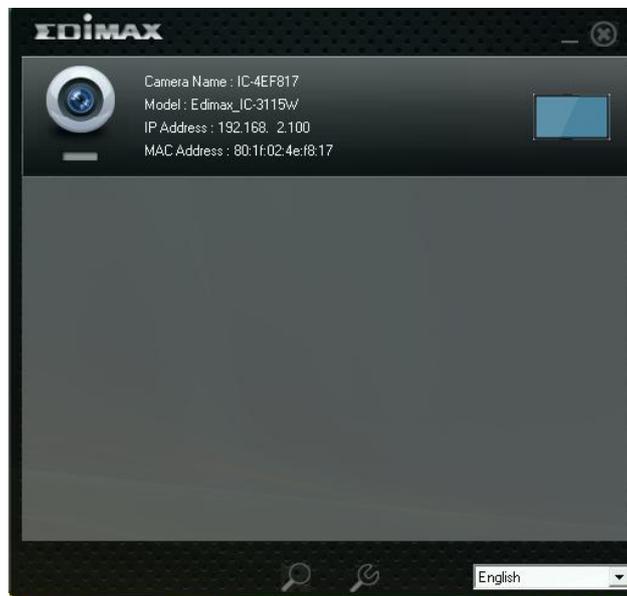


### 2.3 Running EdiView Finder for the First Time

Note: Please set your wireless router or access point to use WPA2-AES encryption. Using different encryption settings may impact camera performance and security. Please refer to your router or access point user manual for more details.

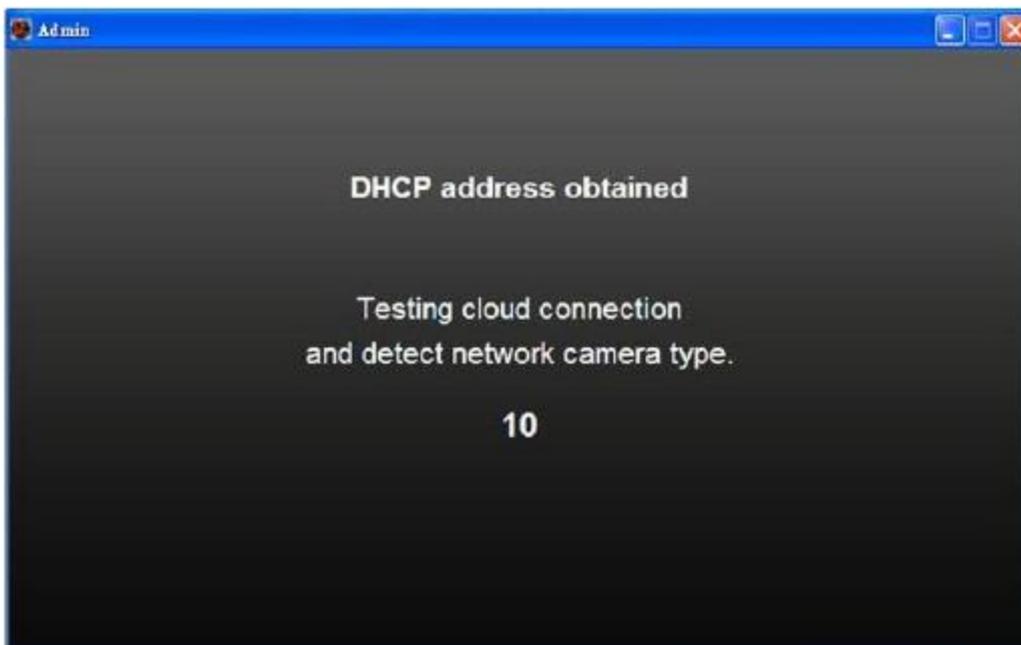
Note: Please make sure your camera is connected and turned on.

1. Run EdiView Finder and double click on a listed network camera, or alternatively select a network camera and click the configure icon.



Configure Icon

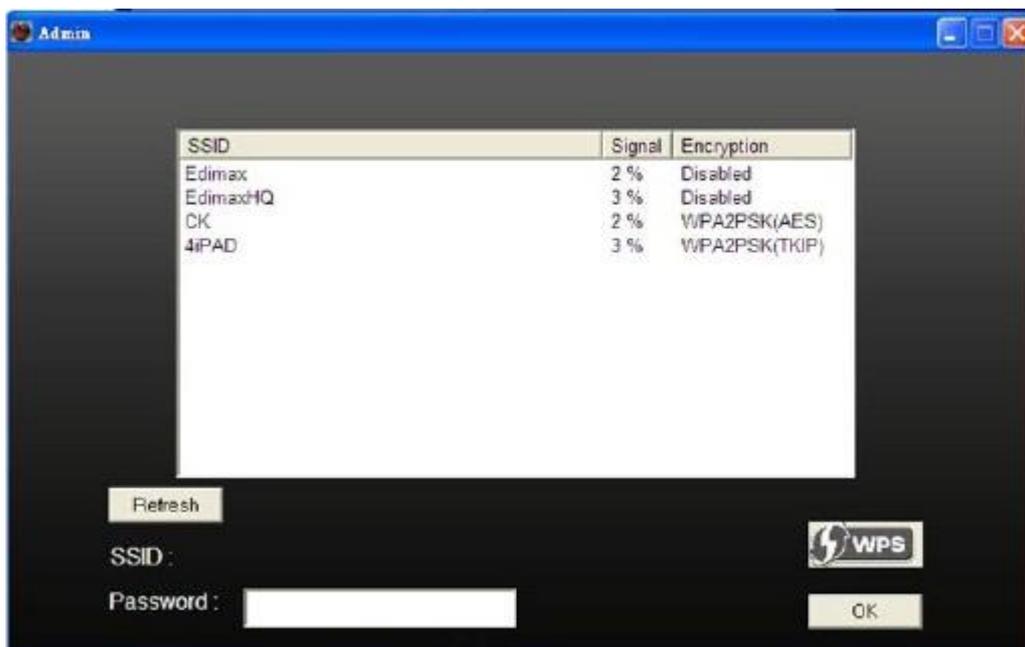
2. The utility automatically detects the cloud connection.



3. When the utility prompts to configure wireless settings, click “Yes” to set up a wireless connection.



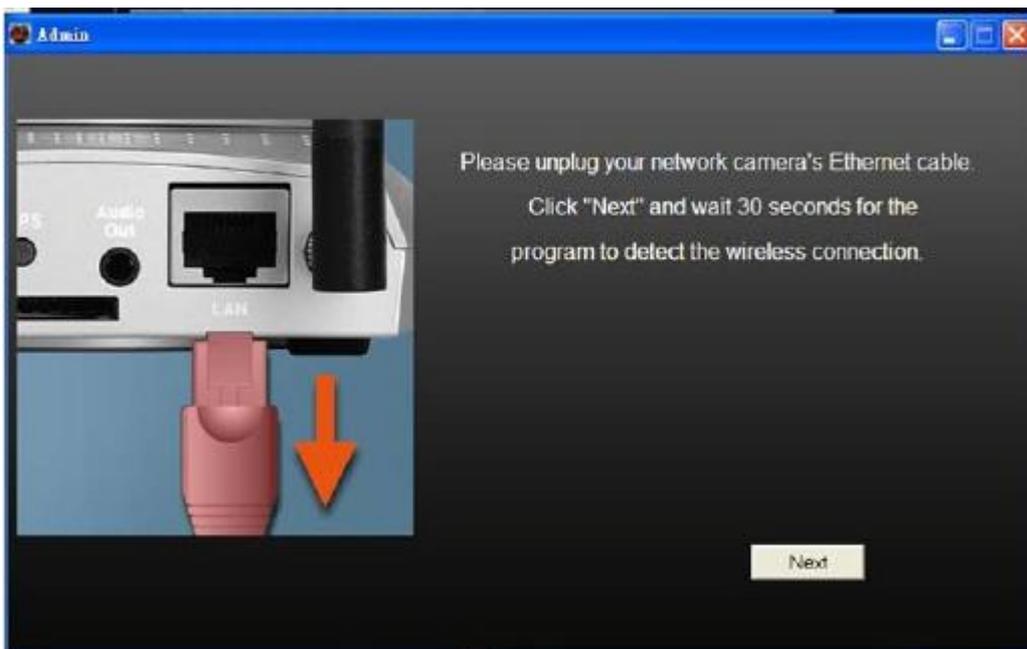
4. Pick the SSID for the wireless router and enter the password.



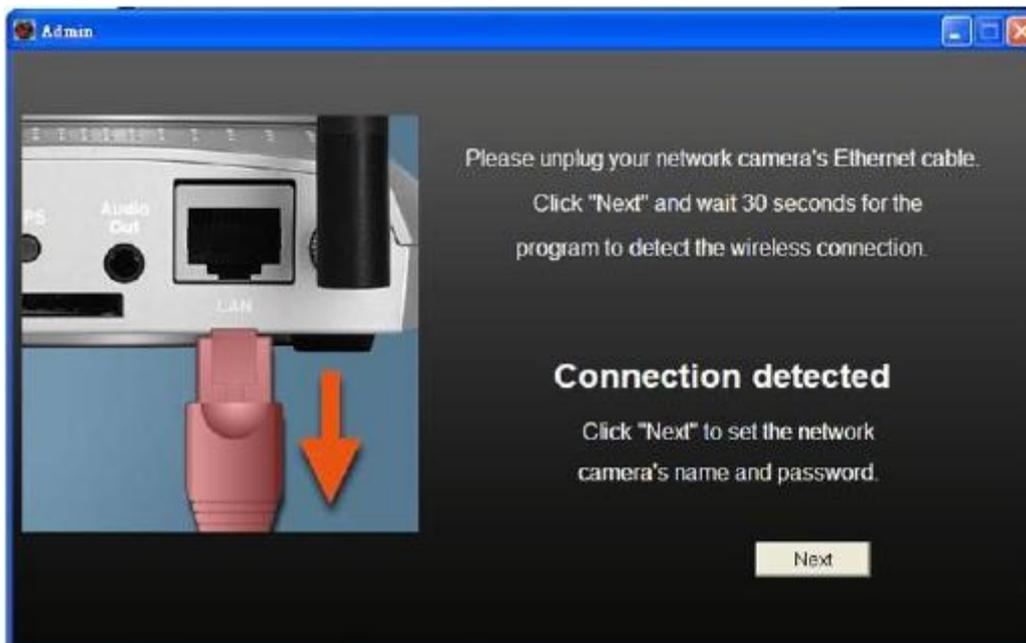
Alternatively, run WPS mode to connect to the wireless router. Please first make sure your router supports WPS. Click "Start" to begin WPS mode.



5. Unplug the network camera's Ethernet cable and click "Next".



6. When the network camera has successfully connected to your wireless router, the utility shows "Connection detected." Click "Next" to continue.



7. Enter a camera name, and enter a password (twice, for confirmation) for the camera. If no password is entered, the default **1234** is used.



8. If the setup has been successful, a dialogue box is shown with a URL for remotely viewing the camera over the cloud.



## 2.4 Locating Network Cameras on the Network

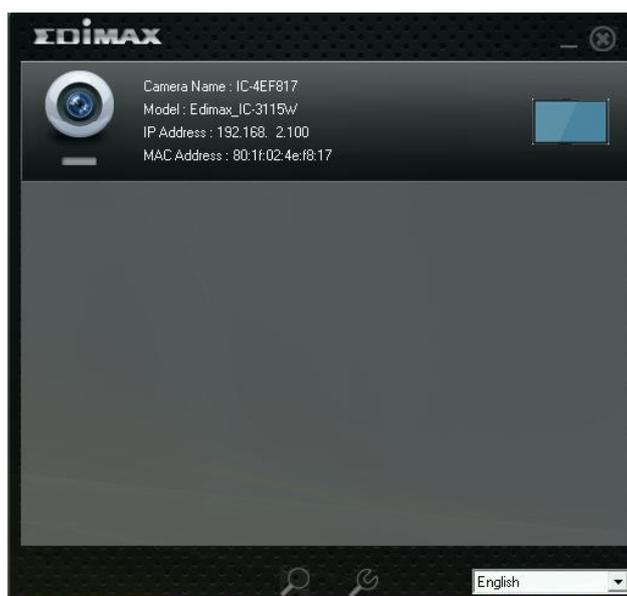
The network camera comes with a software utility, called EdiView Finder, which locates and sets up network camera(s) on a LAN and defines a camera's name and password.

Note: To install the network camera location application, please see *Installing EdiView Finder Utility Software* (page 10)

Note: If the EdiView Finder utility cannot locate a network camera on the LAN, the PC's network settings may need to be reconfigured. See *Appendix B*.

### Viewing a List of Network Cameras

After EdiView Finder is launched, all cameras found on the LAN are displayed.



To connect to a specific camera, double-click on the camera listing.

### Obtaining Network Camera Connection Information



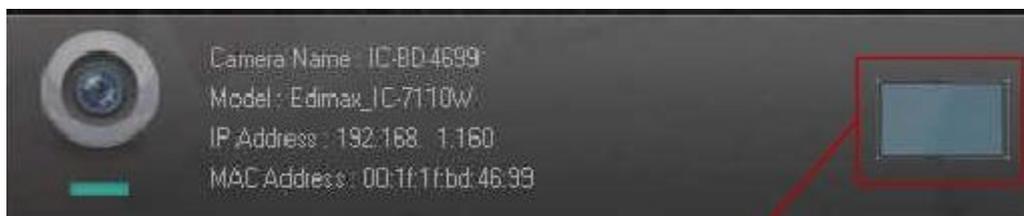
Connection information for a network camera is displayed in each listing under “IP Address”.

Other camera related information, such as the camera name, model, and MAC address, is also displayed here.

## Previewing a Network Camera Image

To preview an image on a network camera:

1. Click the rectangular icon next to the camera’s information. Please note that this will only work if the icon is blue, which indicates the camera is correctly connected.



Preview Window Icon

2. Enter the password for the camera. The default password is **1234**.



3. Click “OK” to open a preview window, or “Cancel” to close the login window.



## Chapter III: Configuring the Surveillance Software

### 3.1 Configuring the EdiView Finder Utility

The EdiView Finder utility provides the ability to locate and configure camera(s) on your network.



#### Toolbar Features

The EdiView Finder utility has two buttons, one to search for network cameras and one to display a camera's configuration settings.

 Search Camera	Click this button to search for all cameras on a local area network.
 Configure Camera	Click this button to configure a camera's network and security settings. Enter the camera's password at the prompt. The default password is <b>1234</b> .

## Setting the Interface Language

The utility software supports three languages: English, traditional Chinese, and Simplified Chinese. You can select the language to use from the language dropdown menu located in the lower right corner of EdiView Finder.



## Configuring a Network Camera

1. To edit a camera's settings, select the camera from the list and click the "Configure Camera" button, or double click the configuration field.



2. Enter the password for the camera (default **1234**) in the login dialogue, then click "OK".



3. Select "DHCP" to have the network router designate an IP address, or select "Static IP" to enter the designated IP address, subnet mask, gateway, and DNS information.



4. To modify additional settings, click “Advanced”.
5. Click “OK” to save the changes and exit the dialogue box.

## 3.2 Configuring the Web-Based Management Interface

### 3.2.1 Installing the Web-Based Management Interface

#### Viewing the Web-Based Management Interface

The web-based configuration interface is viewable on any of the modern browsers, such as Microsoft Internet Explorer (IE) 7 or higher, Firefox 3.6 or higher, Google Chrome 10 or higher, Safari 5 or higher, or Opera 11 or higher. However, the full configuration feature set is only supported on Microsoft IE.

Make sure that the network camera is powered on, to ensure it is detected by the management interface. Refer to *Front View* (page 5) for further details.

Note: To get the IP address of a specific network camera, refer to *Obtaining Network Camera connection Information* (page 18).

1. Launch a supported browser.
2. Enter the IP address of a network camera in the web browser URL bar.
3. Press the “Enter” key to view the management interface.

#### Installing the Full Featured Web-Based Management Interface

Note: To get the IP address of a specific network camera, refer to *Obtaining Network Camera connection Information* (page 18).

1. Launch IE and type the IP address of the network camera into the address bar.
2. Enter the username and password. The default username is **admin** and the default password is **1234**.
3. Click “OK” to continue or “Cancel” to stop the installation.

Note: If this is your first time logging into the web management interface, you will be prompted to install the ActiveX plugin.

4. If the following prompt appears, click “OK”.



5. Click “Download the latest ActiveX” link to download the plugin.



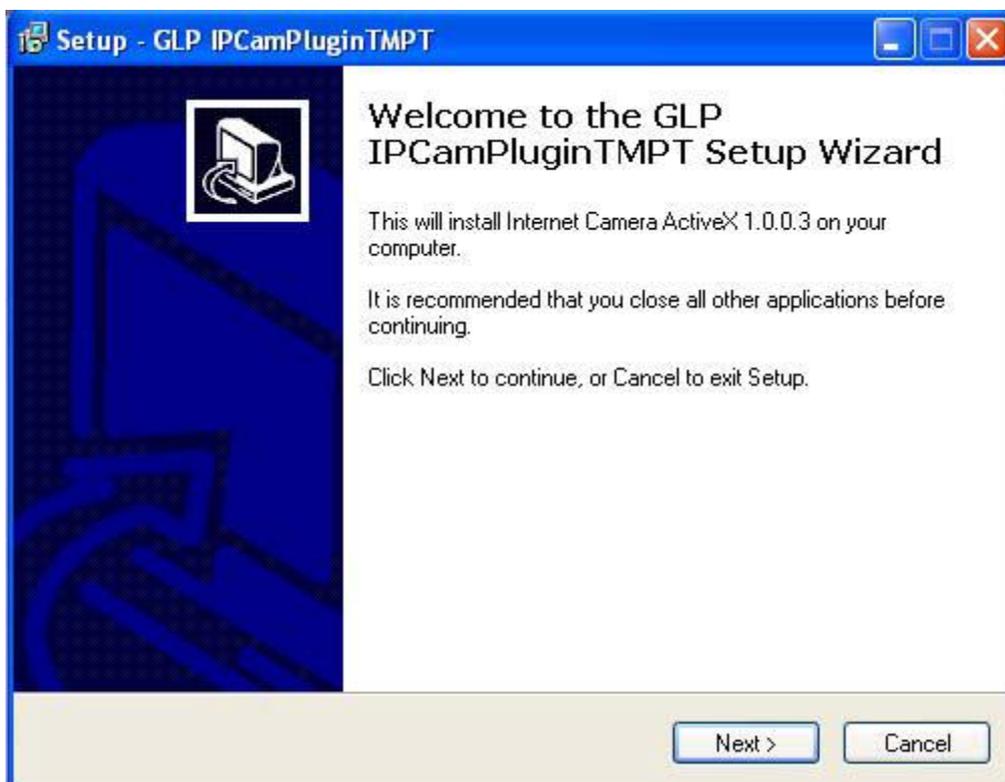
6. Click “Run” to start the installation.



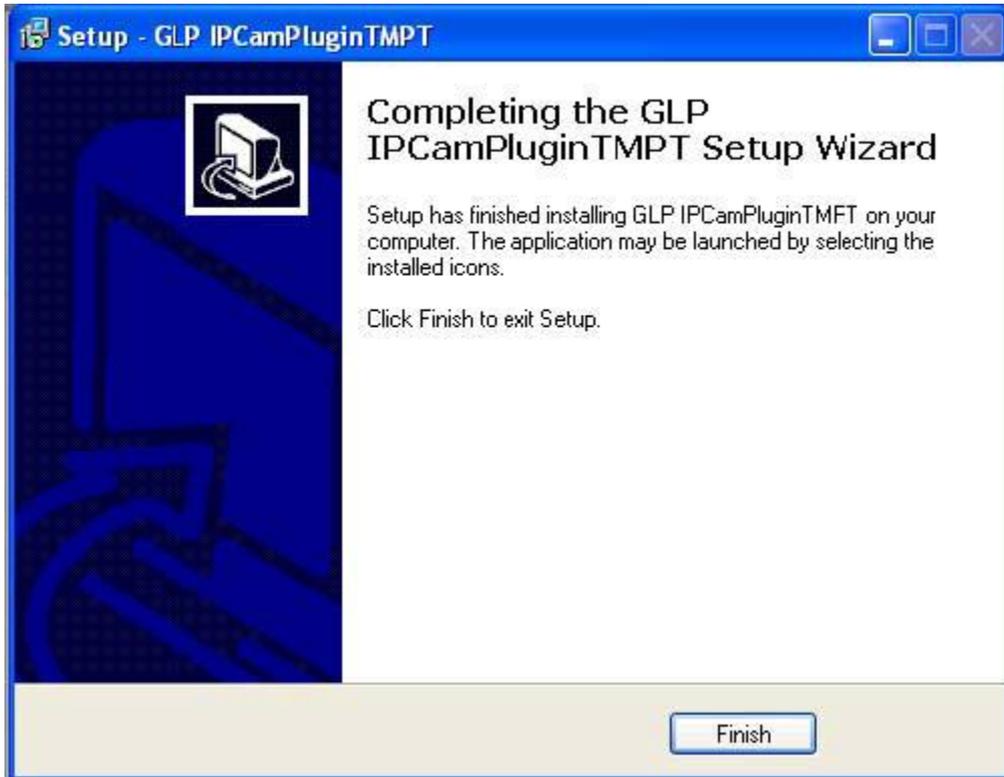
7. The following information prompt appears. Click “Run” to install the plugin or “Don’t Run” to cancel the installation.



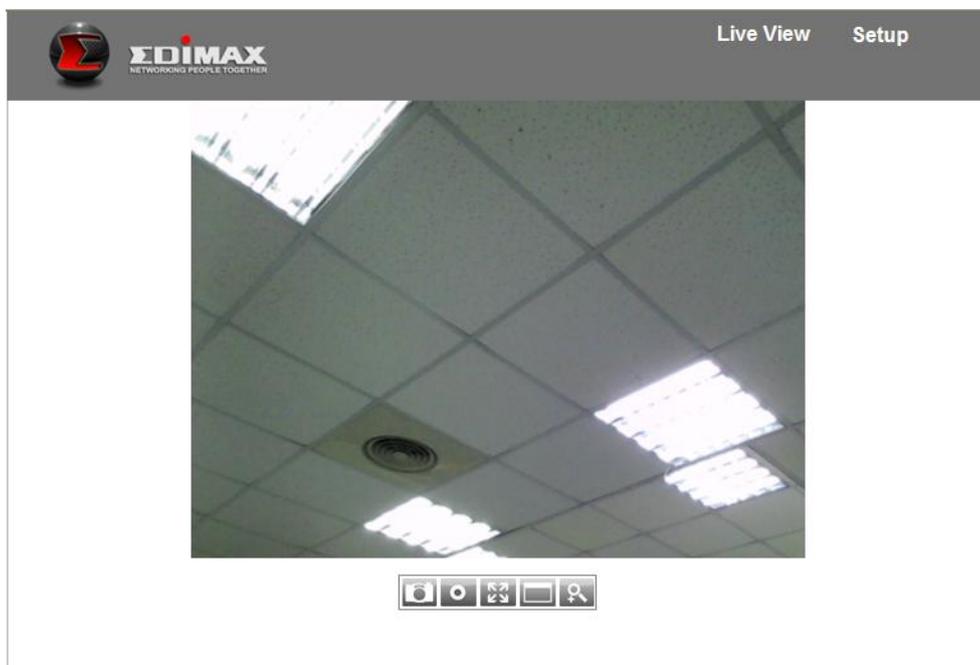
8. Click “Next” to start the installation, and following on-screen setup wizard until the installation is complete.



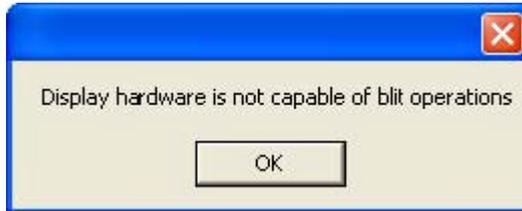
9. Click “Finish” to complete the installation.



The management interface screen is now displayed on the browser. Press “F5” or “CTRL-R” to reload the web page if the configuration screen is not visible.



Note: DirectX and system drivers may be required. Download Microsoft DirectX from <http://www.microsoft.com>



## 3.2.2 Basic Settings

### 3.2.2.1 Network

To configure network settings, Select “Network” from the menu.

- **Basic**
- Network
- Wireless
- Dynamic DNS
- Date & Time
- Users
- UPnP
- Bonjour
- Language
- **Video**
- **Events**
- **System**
- **Status**

**EDIMAX**  
NETWORKING PEOPLE TOGETHERLive View Setup

- **Basic**
- Network
- Wireless
- Dynamic DNS
- Date & Time
- Users
- UPnP
- Bonjour
- Language
- **Video**
- **Events**
- **System**
- **Status**

#### Network

**Network Type:**

#### Static IP

**IP:**

**Netmask:**

**Gateway:**

**Primary DNS:**

**Secondary DNS:**

**HTTP Port:**

#### PPPoE

**User Name:**

**Password:**

**MTU:**  (512<=MTU Value<=1492)

Item	Description												
Network Type	<p>Select the type of Ethernet connection: Static IP, DHCP, and PPPoE. Please select one from dropdown menu. If you're not sure, please consult your network administrator or ISP.</p> <p>Static IP:</p> <p><b>Static IP</b></p> <table data-bbox="478 577 1185 902"> <tr> <td><b>IP:</b></td> <td><input type="text" value="192.168.2.3"/></td> </tr> <tr> <td><b>Netmask:</b></td> <td><input type="text" value="255.255.255.0"/></td> </tr> <tr> <td><b>Gateway:</b></td> <td><input type="text" value="192.168.2.120"/></td> </tr> <tr> <td><b>Primary DNS:</b></td> <td><input type="text" value="192.168.2.254"/></td> </tr> <tr> <td><b>Secondary DNS:</b></td> <td><input type="text" value="192.168.2.254"/></td> </tr> <tr> <td><b>HTTP Port:</b></td> <td><input type="text" value="80"/></td> </tr> </table> <p>IP: Please assign an IP address to this network camera.</p> <p>Netmask: Please input the network mask of this IP address.</p> <p>Gateway: Please input the gateway address of your network.</p> <p>Primary DNS: Input the IP address of the DNS server.</p> <p>Secondary DNS: Input the IP address of a secondary (backup) DNS. You can leave this field blank if no secondary DNS is available.</p> <p>HTTP port: The default web port number is 80. If you want to change it, you can a number from 1024 to 65535 in this field.</p> <p>When you connect to this network camera</p>	<b>IP:</b>	<input type="text" value="192.168.2.3"/>	<b>Netmask:</b>	<input type="text" value="255.255.255.0"/>	<b>Gateway:</b>	<input type="text" value="192.168.2.120"/>	<b>Primary DNS:</b>	<input type="text" value="192.168.2.254"/>	<b>Secondary DNS:</b>	<input type="text" value="192.168.2.254"/>	<b>HTTP Port:</b>	<input type="text" value="80"/>
<b>IP:</b>	<input type="text" value="192.168.2.3"/>												
<b>Netmask:</b>	<input type="text" value="255.255.255.0"/>												
<b>Gateway:</b>	<input type="text" value="192.168.2.120"/>												
<b>Primary DNS:</b>	<input type="text" value="192.168.2.254"/>												
<b>Secondary DNS:</b>	<input type="text" value="192.168.2.254"/>												
<b>HTTP Port:</b>	<input type="text" value="80"/>												

next time, it will be necessary to add a colon and port number after the camera's IP address. For example, if the camera's IP address is 192.168.2.3 and the HTTP port number is 82, you will need to enter 'http://192.168.2.3:82' into your web browser's address bar.

DHCP: The camera will obtain an IP address from the DHCP server on your local area network automatically.

PPPoE: The camera will connect to the network by PPPoE.

#### PPPoE

User Name:   
Password:   
MTU:  (512<=MTU Value<=1492)

Please enter the PPPoE user name and password, and enter MTU value when required.

*Note: In some cases you can improve network efficiency or correct connection problems by setting a new MTU value. However, In most cases it is not necessary to change MTU setting.*

### 3.2.2.2 Wireless

To configure the camera's wireless settings, select "Wireless" from the menu.

Item	Description
Wireless Connection	<p>You can enable or disable wireless functionality here.</p> <p><i>Please note: You can switch wireless network off, but you can't switch wired Ethernet off.</i></p>
Network Type	<p>Select the type of network you wish to connect: Currently only Infra (infrastructure: wireless access point) is available.</p>
Mode	<p>Select the wireless operating mode:</p> <p>B (802.11b, up to 11Mbps)  G (802.11g, up to 54Mbps)  N (802.11n, up to 150Mbps).</p> <p>You can select mixed modes (2.4GHz B+G+N) so the camera will work with all kinds of wireless networks. If you select B, G, or N only, then the camera will only be able to communicate with wireless</p>

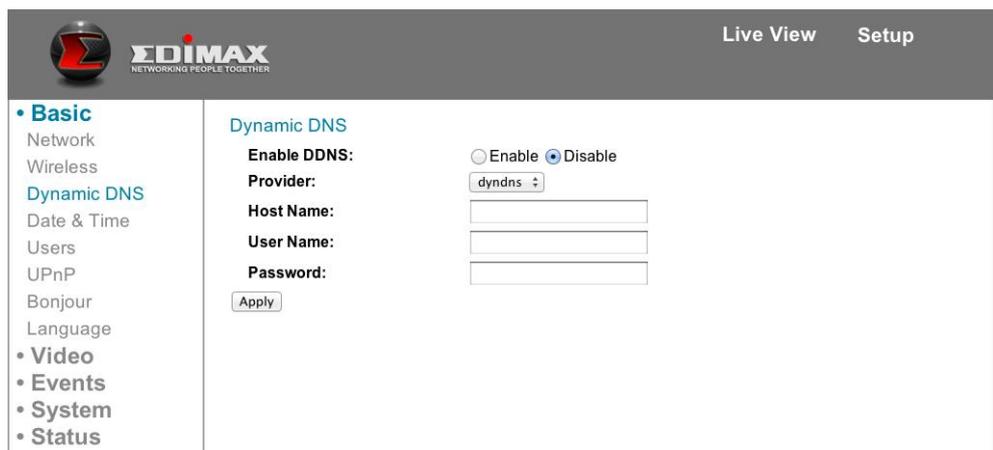
	networks of same operating mode.
Band	Select the wireless band: 20MHz only or 20/40MHz auto switch. It's recommended to select 'Auto 20/40MHz'.
Available Networks	<p>The camera will list all nearby networks and their parameters in this field. If the network you wish to connect to fails to appear here, click 'Refresh' to rescan again. You can click the 'Refresh' button until the network you wish to connect to appears in the list.</p> <p>If you wish to connect to a specific network, select the radio button of the network you wish to connect (under the 'Connect' field), and the network's connection parameters will appear in the fields below.</p> <p><i>Tip: If you can't see the network you wish to connect to after clicking the 'Refresh' button many times, please move the camera closer to the network's access point).</i></p>
SSID	<p>Input the network's SSID (access point's wireless name) here, or select a network from the network list above.</p> <p>If the network you wish to connect to is a 'hidden' network (the SSID is hidden from the public), you will have to input the SSID manually.</p>
Channel	Select the wireless channel number. Use 'Auto' to select the channel automatically.
Authentication	<p>Select authentication type:</p> <p>None: no encryption</p>

	<p>WEP: Use WEP encryption</p> <p>WPA-PSK: Use WPA with PSK encryption.</p> <p>WPA2-PSK: Use WPA2 with PSK encryption.</p> <p>The authentication type you select here must be identical to the settings of the access point.</p>
Encryption Type	<p>Select the wireless encryption type. This option will vary depending on the authentication type of the network you wish to connect to.</p> <p>The encryption type you select here must be identical to the settings of the access point.</p>
WPA Pre-shared Key	<p>Input the WPA pre-shared key here, it must be identical to the setting of the access point.</p> <p><i>(This field is not available when the authentication type is none or WEP)</i></p>
WEP Key Format	<p>Select the WEP key's format: Hex or ASCII.</p> <p>This setting must be identical to the settings of the network you wish to connect to.</p>
WEP Key length	<p>Select the WEP key's length: 64 or 128-bit.</p> <p>This setting must be identical to the settings of the network you wish to connect to.</p>
WEP Key	<p>Input the WEP key here.</p>

	This setting must be identical to the settings of the network you wish to connect to.
--	---

### 3.2.2.3 Dynamic DNS

If your Internet service provider doesn't issue a fixed IP address, you can use this function to report your current IP address to a dynamic DNS service provider, so you can locate your camera without having a fixed IP address.

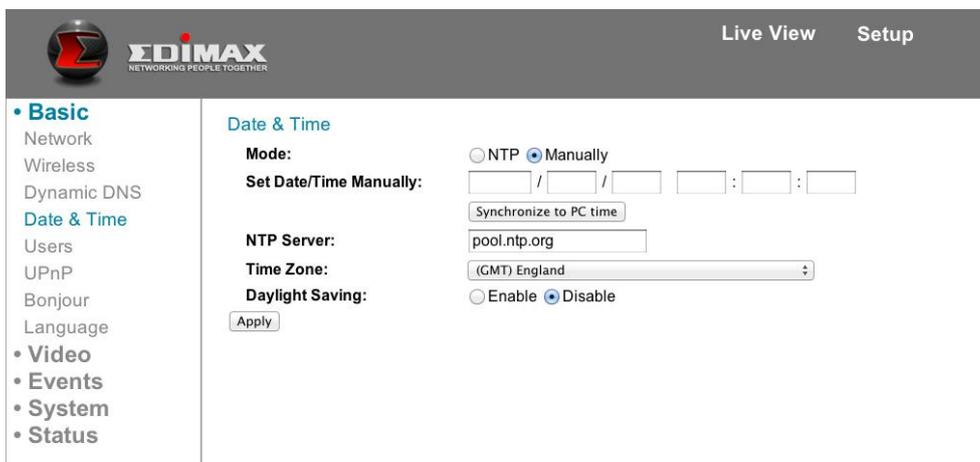


Item	Description
Enable DDNS	Select 'Enable' to enable DDNS functionality, or select 'Disable' to disable DDNS functionality.
Provider	Select the dynamic DNS service provider you're using from the dropdown menu.
Host Name	Input the hostname you registered with the DDNS service provider.
User Name	Input the user name you registered with the DDNS service provider.
Password	Input the password you registered with the DDNS service provider.

Note: You can register for a dynamic DNS service from <http://www.dyndns.org>.

### 3.2.2.4 Date and Time

You can set up the camera's system date and time here. Maintaining a correct date and time is essential for replaying recorded video.

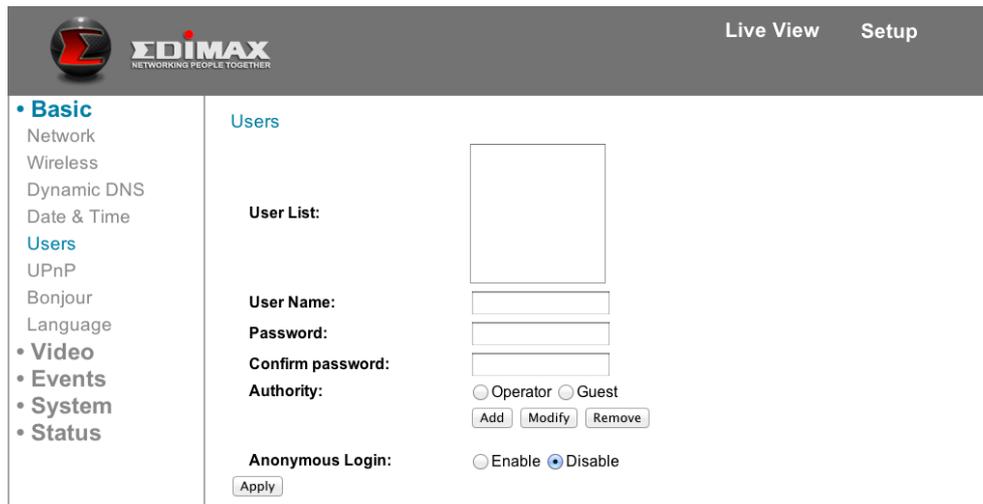


Item	Description
Mode	Select date & time setup mode:  Manually: Set time manually.  NTP: Use NTP (Network Time Protocol) to set the date and time automatically via the network. If you have an Internet connection or there's a NTP server on your local network, you can select this function to help you to keep the camera's date and time correct.
Set Date/Time Manually	There are 6 fields for you to enter the current date / time. The format is:  YYYY/MM/DD HH:MM:SS
Synchronize to PC time	Click this button the fill date / time fields with your computer's date and time.
NTP Server	Input NTP server's hostname or IP address.
Time Zone	Select the time zone of the place you live from the dropdown menu.
Daylight Saving	If the area you live uses daylight savings,

	select 'Enable', or select 'Disable' if daylight saving is not used.
--	--

### 3.2.2.5 Users

Apart from the default **admin** operator account, you can add additional operator accounts or user accounts here. Operator accounts can perform all functions and configurations of this camera, while guest accounts can view images only.

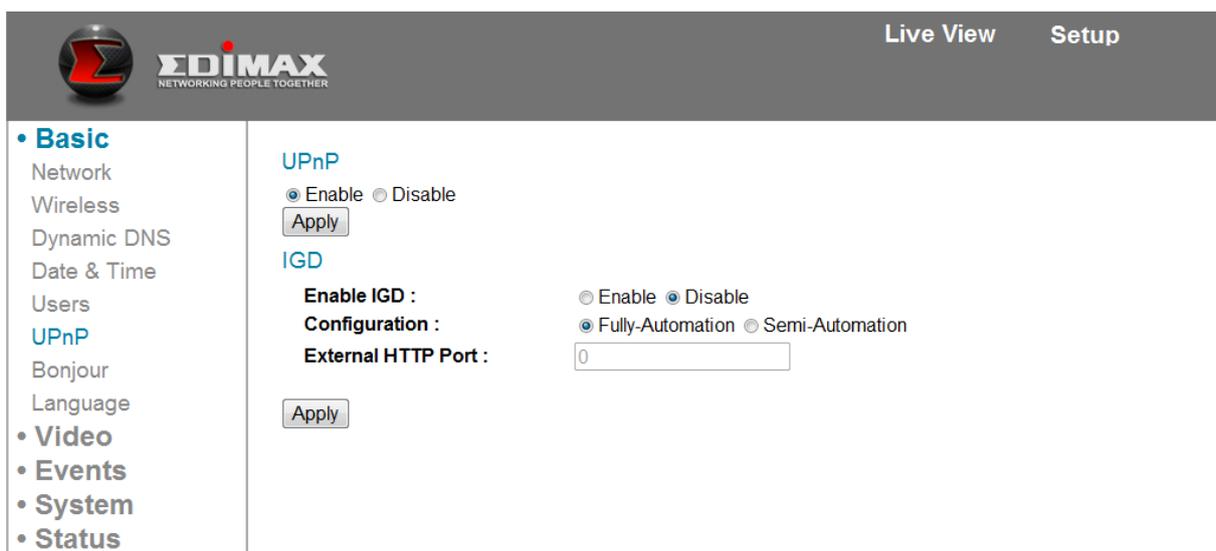


Item	Description
User List	Lists all existing operators / users here. To modify an account's settings, click the name here first.
User Name	Input a user name here.
Password	Input a user password here.
Confirm password	Input the user password here again for confirmation.
Authority	Select this user's privilege: Operators can view images and change settings. Guests can view images only.
Add	Click this button to add a new user with the above settings.

Modify	Click this button to save changes to an existing user.
Remove	Click this button to remove a user. You must select a user in the 'User List' field first.
Anonymous Login	Select 'Enable' to enable anonymous users to log in to this network camera and view images. This function is useful when you want to establish a remote video server that allows everyone to view the video.  If you only want to allow registered users to login, select 'Disable'.

### 3.2.2.6 UPNP

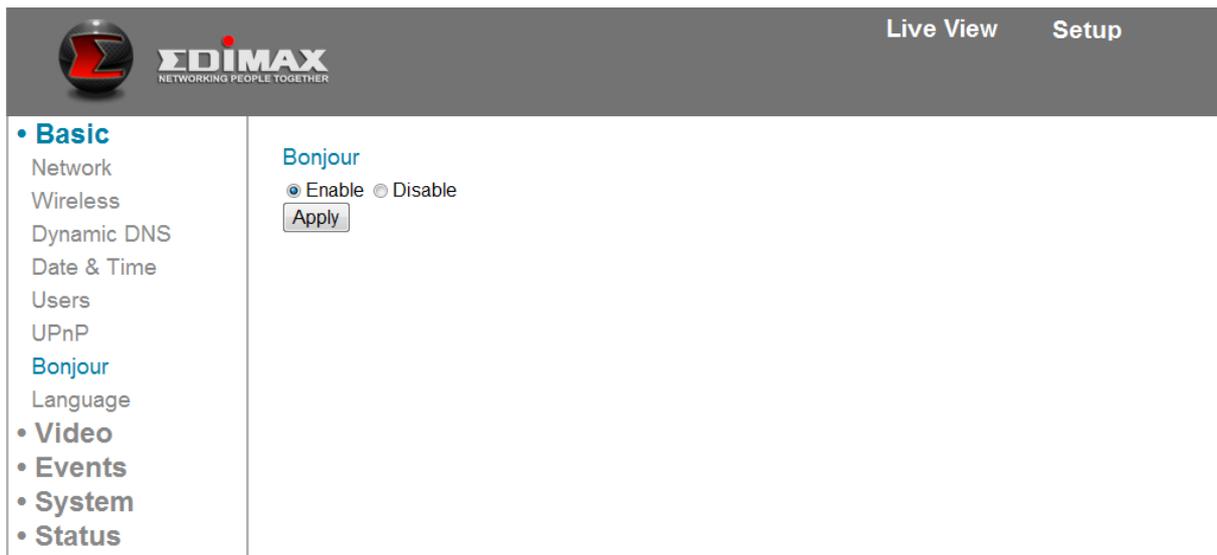
When Universal Plug-n-Play (UPnP) is activated, all UPnP-compatible computers and network devices on the same network will be able to discover this network camera automatically. This feature is useful since you do not have to remember the IP address of this network camera. Simply open "Network Neighborhood" and it's there. (Only works on local area network)



Item	Description
Enable IGD	Enable or disable the "UPnP IGD" function. The "UPnP IGD" function help you to configure the NAT in router automatically.
Automation Configuration	Camera will choose an external HTTP port randomly and add this port forwarding entry into the router.
External HTTP Port	An external HTTP port chosen by user.

### 3.2.2.7 Bonjour

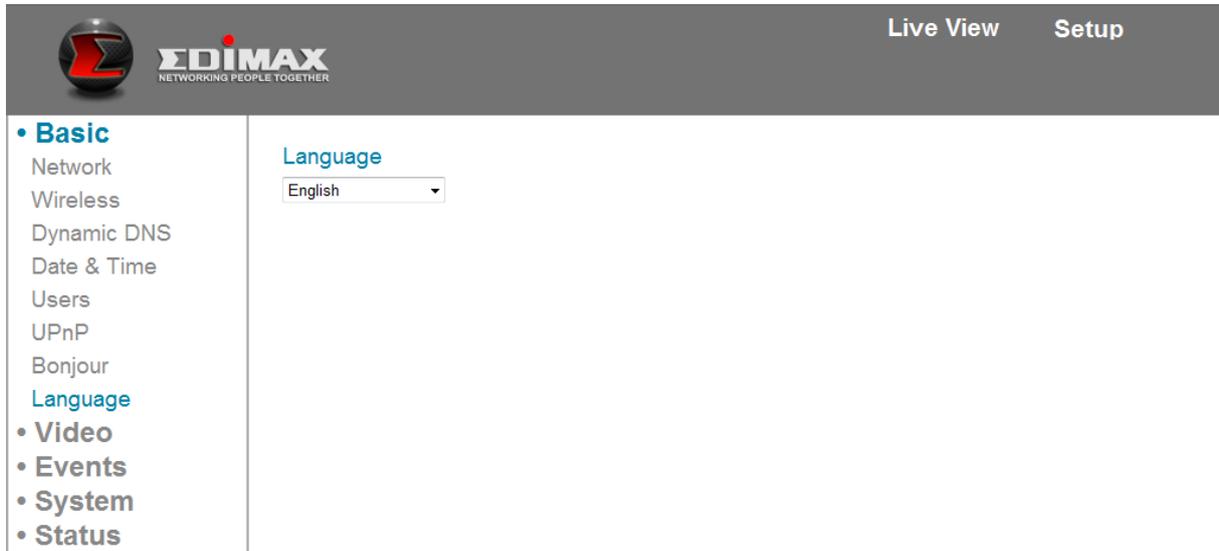
When Bonjour is activated, Macintosh computers can discover this network camera from the Safari web browser directly, and it becomes unnecessary to know the IP address in advance. (Only works on local area network)



Item	Description
Bonjour	Select 'Enable' to enable this feature, or select 'Disable' to prevent users on the local area network from discovering this camera through the Safari browser.  Bonjour must be activated in Safari before this feature can be used.

### 3.2.2.8 Language

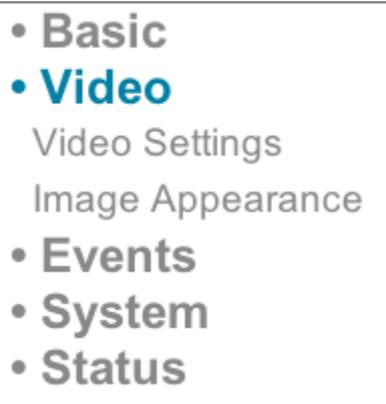
Set the configuration system's language here. There are ten options.



### 3.2.3 Video

#### 3.2.3.1 Video Settings

Here users can change video settings, such as video and frame rate settings.





- Basic
- **Video**
- Video Settings
- Image Appearance
- Events
- System
- Status

Video Setting

Resolution :

MAX. Frame rate :

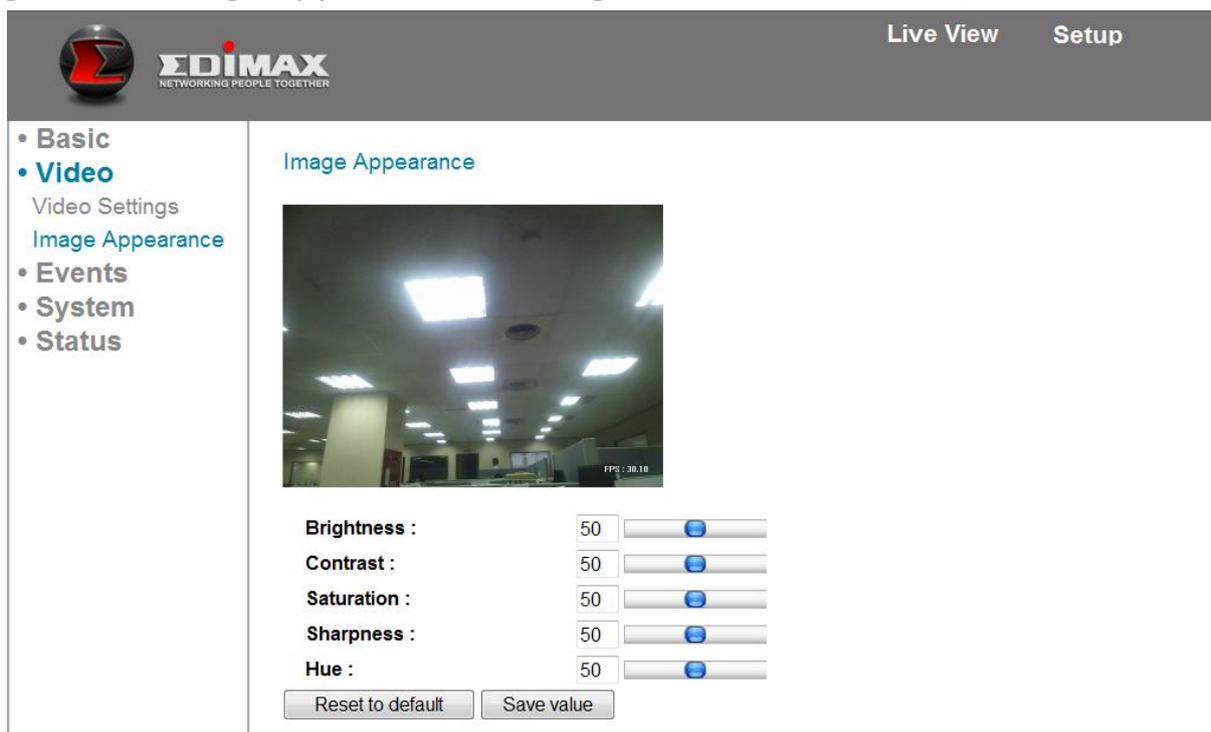
Power frequency :

Apply

Item	Description
Resolution	<p>Change the video resolution from the dropdown list. Available resolutions are:</p> <p>SXVGA (1280 x 960)  VGA (640 x 480)  QVGA (320 x 240)</p> <p>Higher resolution provides more video detail, but requires more bandwidth.</p>
MAX. Frame rate	<p>Select the maximum video frame rate. Higher frame rate provides smoother video, but also requires more bandwidth.</p> <p><b><i>Please note: When the environment is dark, this camera will automatically adjust the frame rate to a lower setting to lengthen exposure time and provide better video quality.</i></b></p>
Power frequency	<p>Select the AC utility power's frequency (50 or 60Hz). This will help reduce flicker when the camera is pointed at electric lights.</p> <p>If you don't know the frequency of power you're using, you can consult your utility power company.</p>

### 3.2.3.2 Image Appearance

Change video image appearance settings here.



Item	Description
Brightness / Contrast / Saturation / Sharpness / Hue	Change the video's appearance by clicking and dragging the blue lever.
Reset to default	Click this button to reset all settings back to default values (50).
Save value	Save changes.

### 3.2.4 Events

#### 3.2.4.1 Motion Detection

This camera is capable of detection motion. You can use this feature to turn the camera into a security alarm, sending an image to you by e-mail or uploading the image to an FTP server whenever motion is detected.

- Basic
- Video
- **Events**
  - Motion Detection
    - Detection Region
    - FTP
    - SMTP
- System
- Status


EDIMAX  
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Live View   Setup

- Basic
- Video
- **Events**
  - Motion Detection
    - Detection Region
    - FTP
    - SMTP
- System
- Status

**Motion Detection**

**Motion Detection enable:**    Enable    Disable

**Motion Detection Interval:**  

**Send snapshot to E-mail:**    Enable    Disable

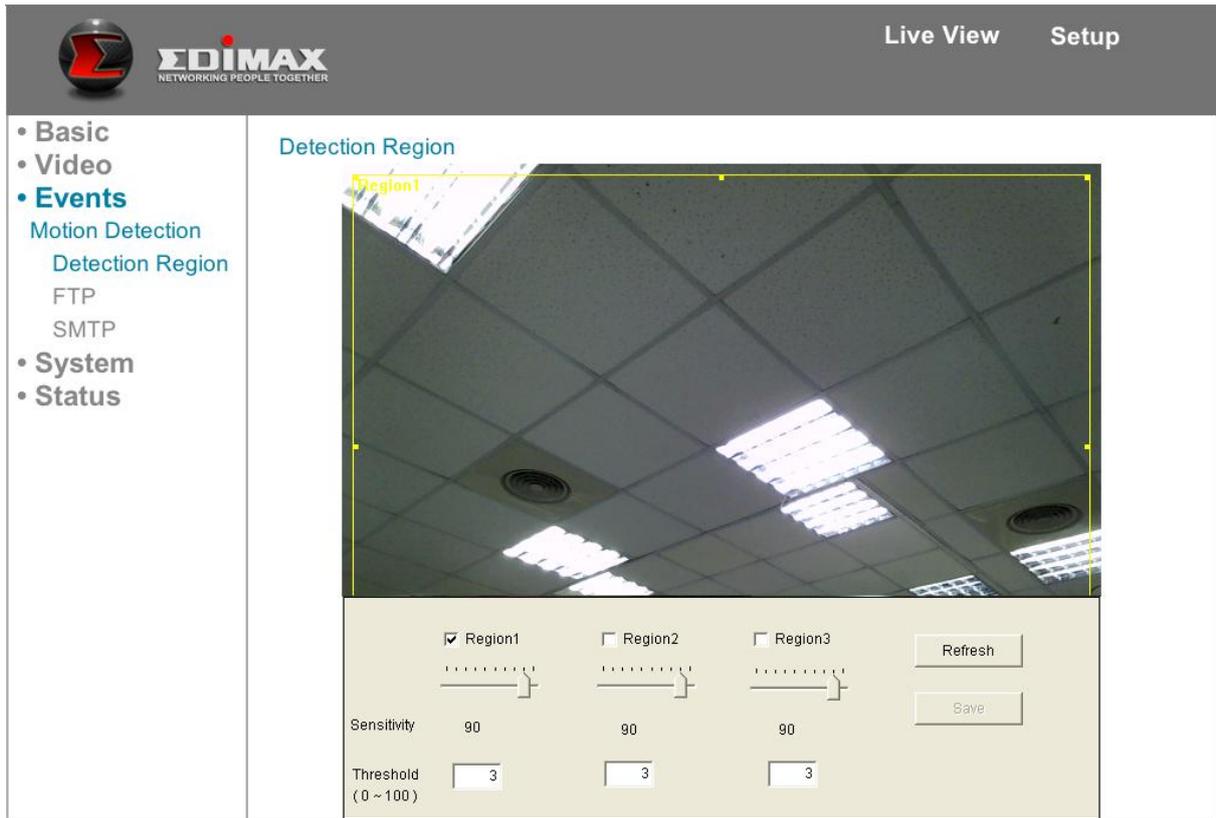
**Send snapshot to FTP:**    Enable    Disable

Item	Description
Motion Detection enable	Select 'Enable' to enable motion detection, or 'Disable' to disable it.
Motion Detection Interval	Select the time interval this camera uses to detects motion.  To detect minor motions, select a shorter time; to ignore minor motions, select a longer time.
Send snapshot to E-Mail	Select 'Enable' to send a snapshot picture to a designated email recipient; select 'Disable' to disable this feature.
Send snapshot to FTP	Select 'Enable' to upload a snapshot picture to a designated FTP server; select

'Disable' to disable this feature.

## Detection Region

You can set up the areas in the video where the camera will detect changes in video. Motions outside the detection region will be ignored by the camera, and the camera will do nothing when such motions occur. This helps minimize the chances of false alarms.



Item	Description
Region 1 / Region 2 / Region 3	<p>Check the box to enable this motion detection region. A rectangle will appear on the video view when it's checked (enabled).</p> <p>To change the size of the motion detection region, move the mouse to the upper-left, upper-right, lower-left, or lower-right corner of the motion detection rectangle, and drag the mouse.</p>

	To move the motion detection region, position the mouse within the motion detection area, and drag the mouse.
Sensitivity	Change the sensitivity of motion detection. Set this to a higher value (right) and the camera will trigger the alarm when only small changes are detected in the video. If you find that the camera is being triggered by false alarms, you can set this to a lower value.
Threshold	Set the motion detection threshold here (enter a number from 0 to 100). A higher value means the camera will only trigger an alarm when the object in the motion detection area is big.
Refresh	Refresh the reference picture.
Save	Save changes you made in this page.

## FTP

When motion is detected by the camera, it can upload a snapshot to an FTP server.

The screenshot shows the EDIMAX camera's web interface. At the top, there is a logo for EDIMAX with the tagline 'NETWORKING PEOPLE TOGETHER' and buttons for 'Live View' and 'Setup'. A left-hand navigation menu lists various settings categories: Basic, Video, Events (highlighted), Motion Detection, Detection Region, FTP (highlighted), SMTP, System, and Status. The main content area is titled 'FTP' and contains the following configuration options:

- FTP Server:** An empty text input field.
- User Name:** An empty text input field.
- Password:** An empty text input field.
- Port:** A text input field containing the number '21'.
- Path:** An empty text input field.
- Passive mode:** Two radio buttons, 'Enable' (which is selected) and 'Disable'.

At the bottom of the configuration area, there are two buttons: 'Apply' and 'Send a test file'.

Item	Description
FTP Server	Input the IP address or host name of the FTP server.

User Name	Input the user name required by the FTP server.
Password	Input the password of the FTP server.
Port	Input the port number of the FTP server, this should be an integer between 1 and 65535.  Please don't change this value unless instructed by FTP server's administrator.
Path	Input the path (folder) you wish to save snapshot files on the FTP server. If you don't specify a folder, snapshot files will be saved in the default folder found when logged onto the FTP server.
Passive mode	Default setting is 'Enable' (use passive mode). If the FTP server you're going to use does not support passive mode (using active mode), select 'Disable' here.

You can click "Send a test file" to upload a test file to the FTP server, to determine if the parameters set here are correct.

## SMTP

When motion is detected by the camera, it can send a snapshot to a designated e-mail address.

The screenshot shows the EDIMAX web interface. The top navigation bar includes 'Live View' and 'Setup'. The left sidebar menu has 'Basic', 'Video', 'Events' (selected), 'Motion Detection', 'Detection Region', 'FTP', 'SMTP', 'System', and 'Status'. The main content area is titled 'SMTP' and contains the following configuration fields:

- Public Server: [dropdown menu]
- SMTP Server: [text input field]
- SMTP Port: [text input field with '25']
- Recipient E-Mail Address: [text input field]
- Sender E-Mail Address: [text input field]
- SSL/TLS: [dropdown menu with 'None']
- SMTP Authentication: [radio buttons for 'Enable' and 'Disable', with 'Disable' selected]
- Account: [text input field]
- Password: [text input field]

At the bottom of the configuration area, there are two buttons: 'Apply' and 'Send a Test E-Mail'.

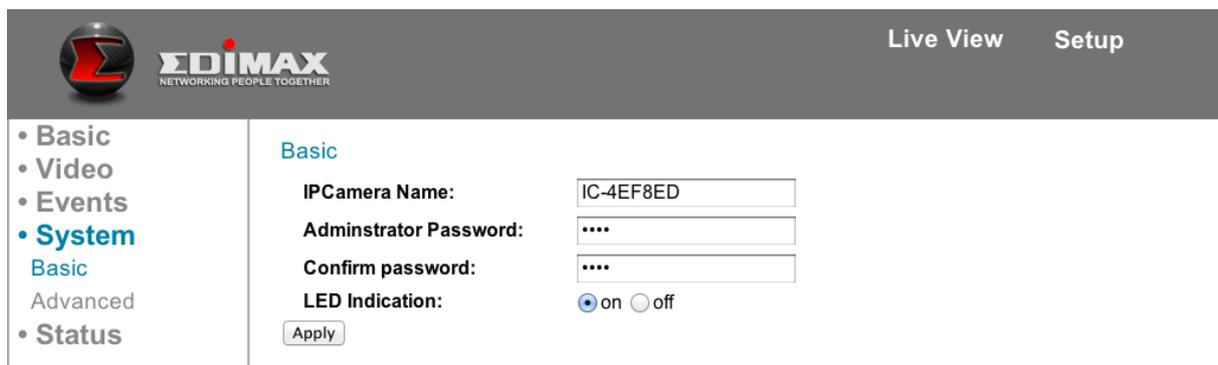
Item	Description
Public Server	If you're using Hotmail, Yahoo mail, or Google mail, select the appropriate item from dropdown menu. The camera will fill in the SMTP server address and port number for you automatically.
SMTP Server	Input the host name or IP address of the SMTP server. The SMTP server is usually provided by your ISP.
SMTP Port	Input the SMTP port number here. Most SMTP servers use port number '25', while some SMTP servers use encrypted connections with port number '465'. Consult your mail server administrator when in doubt.
Recipient E-Mail Address	Input e-mail recipient's e-mail address here.
Sender E-Mail Address	Input an e-mail address here, which will be used as the e-mail sender's address. This will help you to identify the e-mail sent by this camera, and will help prevent problems caused by anti-spam software.
SSL/TLS	Select 'SSL or TLS' when your SMTP server requires encryption.  When in doubt, consult your SMTP server administrator.
SMTP Authentication	Select 'Enable' when your SMTP server requires authentication.  When in doubt, consult your SMTP server administrator.
Account	Input the SMTP account if your SMTP server requires authentication.
Password	Input the password used for SMTP server authentication.

You can click “Send a Test E-Mail” to send a test e-mail to the designated recipient address, to determine if the parameters set here are correct.

### 3.2.5 System

Here users can configure the basic system settings, or backup/restore system configurations.

#### 3.2.5.1 Basic



Item	Description
IPCamera Name	Set the name the camera. It's recommended to use a meaningful name that can describe the location where the IP camera is installed. This will help you identify the camera when you have more than one.
Administrator Password	Input the administrator's new password here if you want to change it.
Confirm Password	Input the administrator's new password here again for confirmation.
LED Indication	For security reasons, you can disable the LED lights in front of the camera by selecting 'off' here, so other people can't identify if the IP camera is working by observing the lights.

### 3.2.5.2 Advanced

The screenshot shows the 'Advanced' settings page for an EDIMAX camera. The interface includes a sidebar with navigation options: Basic, Video, Events, System, Basic, Advanced, and Status. The main content area is titled 'Upgrade Firmware' and contains three sections:

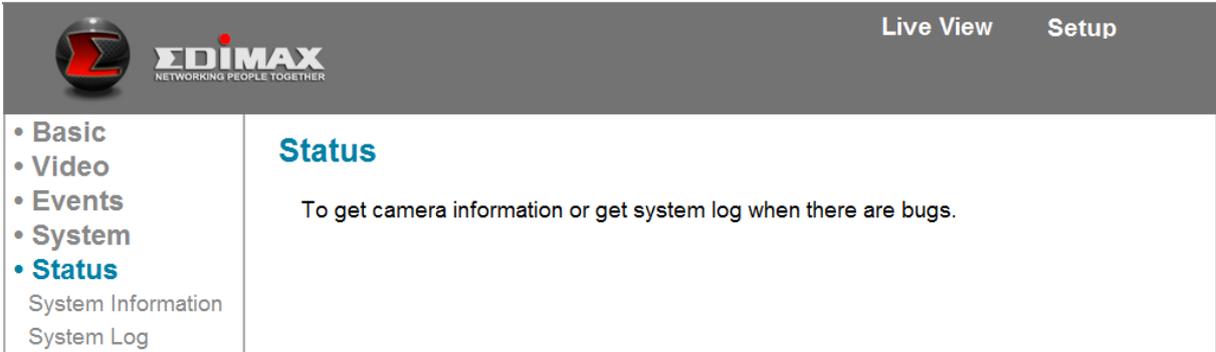
- Upgrade Firmware:** Includes a 'Firmware Filename' field with a '選擇檔案' (Choose File) button and an 'Apply' button.
- Backup / Restore Config:** Includes a 'Backup Config' field with an 'Apply' button and a 'Restore Config' field with a '選擇檔案' (Choose File) button and an 'Apply' button.
- Reset:** Includes a 'Reboot' field with a 'Reboot Now' button and a 'Reset to default' field with radio buttons for 'Keep Network Setting' (selected) and 'Factory Default', along with an 'Apply' button.

Item	Description
Firmware Filename	<p>You can improve the functionality of this camera by uploading new firmware files when available.</p> <p>Please download new firmware files from our website, and save it to your computer's hard disk. Then, click the 'Browse' button to select the file on your hard disk, and click the 'Apply' button to upload the firmware to the camera.</p>
Backup Config	Click the 'Apply' button to download current configurations as a file and save it on your computer's hard drive.
Restore Config	Click the 'Browse' button to select a previously-saved configuration file on your computer's hard drive, and then click 'Apply' to upload the configuration file.
Reboot Now	Click this button to reboot the camera. This function is useful when you think the camera is not working properly.
Reset to default	<p>Reset the IP camera's setting back to default values. There are 2 options:</p> <p>1) Keep Network Setting: Reset all settings</p>

	<p>back to default values, except network settings. You can still use the same IP address to connect to the IP camera.</p> <p>2) Factory Default: Reset all settings, include network settings. Please reconnect to IP camera by its default IP address: 192.168.2.3</p> <p>Click 'Apply' to reset. You can also press and hold the 'WPS / Reset' button on the back of the camera for more than 10 seconds to reset IP camera's setting to default values.</p>
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**3.2.6 Status**

Here users can view the status of this network camera, which is helpful when it's necessary to perform detailed configuration or debugging.



**3.2.6.1 System Information**

Here users can see system-wide information for this camera.



- Basic
- Video
- Events
- System
- **Status**

System Information  
System Log

### System

**Firmware Version :** v1.6 testPNV (Jun 26 2012 10:46:31)  
**Device Uptime :** 3 hours 27 min 44 sec  
**System Time :** 1970/01/01 03:27:43  
**Cloud ID :** 801F024EF8ED

### LAN

**IP Address :** 192.168.77.126  
**Subnet Mask :** 255.255.255.0  
**Gateway :** 192.168.77.1  
**DNS1 Server :** 192.168.77.1  
**DNS2 Server :** 0.0.0.0  
**MAC Address :** 80:1F:02:4E:F8:ED  
**HTTP Port :** 80

### Wireless

**Link Status :** Disconnected  
**SSID :**  
**Channel :**  
**Encryption :**

### PPPoE

**Link Status :** Disconnected  
**IP Address :**  
**Subnet Mask :**

### 3.2.6.2 System Log

The network camera's usage and actions will be displayed here.



- Basic
- Video
- Events
- System
- **Status**

System Information  
System Log

### System Log

**Log Level:** 4 (Verbose) ▾  
**Remote Log:**  Enable  Disable  
**Remote Log Server:**

Apply

```
Jan 1 00:00:10 syslogd started: BusyBox v1.13.4
Jan 1 00:00:10 kernel: klogd started: BusyBox v1.13.4 (2012-06-13 11:44:37 CST)
Jan 1 00:00:10 IPCam[262]: *** IPCam main program started. ***
Jan 1 00:00:10 kernel: been set to 52
Jan 1 00:00:10 kernel: io scheduler noop registered
Jan 1 00:00:10 kernel: io scheduler cfq registered (default)
Jan 1 00:00:10 kernel: Realtek GPIO Driver for Flash Reload Default
Jan 1 00:00:10 kernel: Serial: 8250/16550 driver, 1 ports, IRQ sharing disabled
Jan 1 00:00:10 kernel: serial8250: ttyS0 at MMIO 0x18002000 (irq = 8) is a 16550A
Jan 1 00:00:10 kernel: PPP generic driver version 2.4.2
Jan 1 00:00:10 kernel: MPPE/MPPC encryption/compression module registered
Jan 1 00:00:10 kernel: NET: Registered protocol family 24
Jan 1 00:00:10 kernel: RTL8192C/RTL8188C driver version 1.4 (2010-08-11)
Jan 1 00:00:10 kernel: =====>INSIDE rtl8192cd_init_one <<=====
Jan 1 00:00:10 kernel: vendor_deivce_id=819110ec
Jan 1 00:00:10 kernel: =====>EXIT rtl8192cd_init_one <<=====
Jan 1 00:00:10 IPCam[262]: Init random number generator...
Jan 1 00:00:10 IPCam[262]: Init random number generator with value: 265086064
Jan 1 00:00:10 IPCam[262]: Init gpio function...
Jan 1 00:00:10 kernel: =====>INSIDE rtl8192cd_init_one <<=====
Jan 1 00:00:10 kernel: =====>EXIT rtl8192cd_init_one <<=====
Jan 1 00:00:10 kernel: =====>INSIDE rtl8192cd_init_one <<=====
Jan 1 00:00:10 kernel: =====>EXIT rtl8192cd_init_one <<=====
```

Item	Description
Log Level	Select the log level from the dropdown list. Select 0 and the network camera will only log very important information, or select 4 to log everything.
Remote Log	<p>This camera can send log information to a remote server for archiving. Select 'Enable' to enable this function.</p> <p>This camera supports syslog log servers.</p>
Remote Log Server	Input the IP address or host name of the log server you wish to use.

### 3.3 Configuring myedimax.com

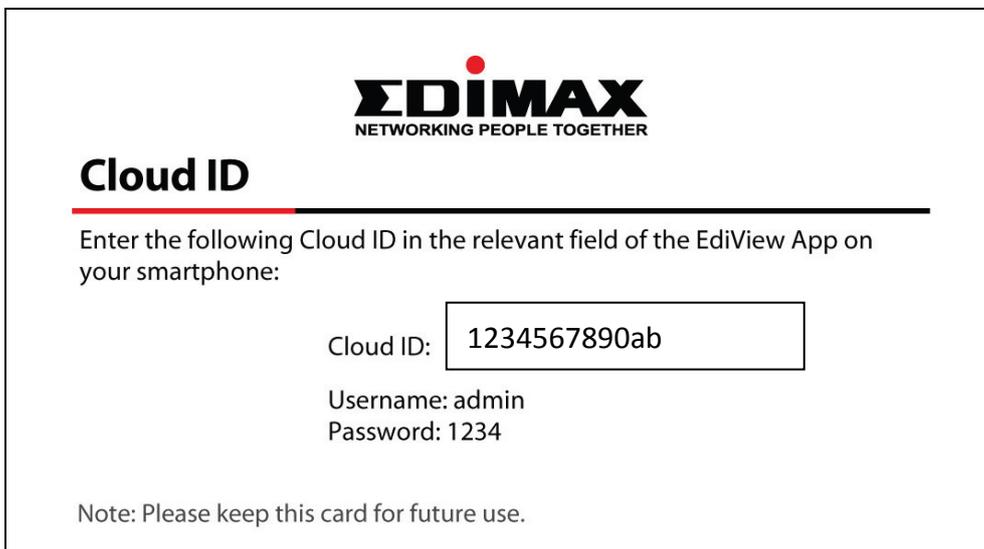
The images from the network camera can be viewed from a computer remotely, as long as Internet access is available and the camera is connected to the cloud.

Note: This feature requires a web browser that supports Java applets. If Java applets are not viewable in your browser, please visit <http://www.java.com> to download and install the Java software.

#### 3.3.1 Launching myedimax.com

Note: System administrator rights are required to launch the applet with Internet Explorer. Log into Windows with an administrator account or use the *Run as Administrator* feature to launch IE. Only 32-bit IE is supported.

1. To access myedimax.com, enter [Cloud ID].myedimax.com into the web browser's address bar, where [Cloud ID] is the twelve character Cloud ID of the network camera found on the included Cloud ID card. For example, if your Cloud ID is 1234567890ab, enter 1234567890ab.myedimax.com into your web browser.



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## Cloud ID

Enter the following Cloud ID in the relevant field of the EdiView App on your smartphone:

Cloud ID:

Username: admin  
Password: 1234

Note: Please keep this card for future use.

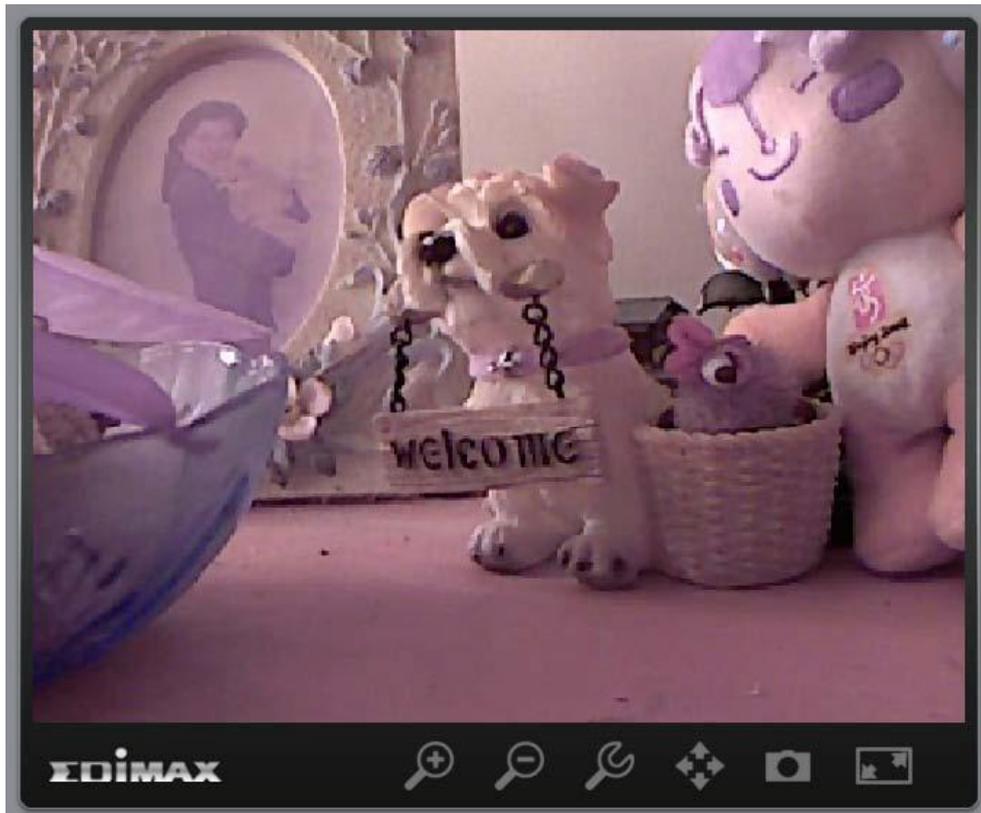
2. If the following window appears, click “Run”.



3. When the Java applet loads, enter the camera's password. The default password is **1234**. Click "OK" to continue.



4. The camera can now be controlled from the applet.

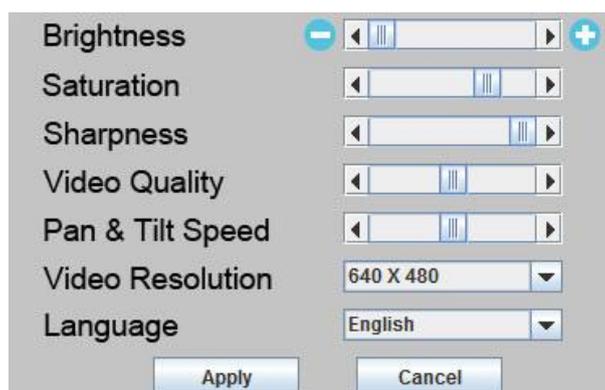


### 3.3.2 Configuring the Network Camera from myedimax.com

The network camera can be operated and configured by clicking the configuration icon on the toolbar located below the image.



1. Click  to launch the configuration menu.



2. Use the slider controls to change the image brightness, saturation, sharpness, video quality, pan & tilt speed, video resolution, and language. If certain options are grayed out and unavailable, then that means they are not supported by this model network camera.

### 3.3.3 Using myedimax.com

1. The  buttons on the toolbar zoom in and out.
2. The  button controls the camera's pan and tilt functions. If this button is grayed out and is unavailable, that means pan and tilt are not supported by this model network camera.
3. The  button takes a snapshot of the current image and saves it to the computer's hard drive. When prompted to save the file, enter the filename and select a location to save the file.
4. The  button enlarges the image to full-screen view. Click anywhere on the image to return to normal display view.

### 3.4 Configuring the Desktop 16-Channel Viewer

An alternative to the web-based interface is the desktop 16-Channel Viewer software, which offers the ability to view multiple cameras at once.

#### 3.4.1 Installing the 16-Channel Viewer

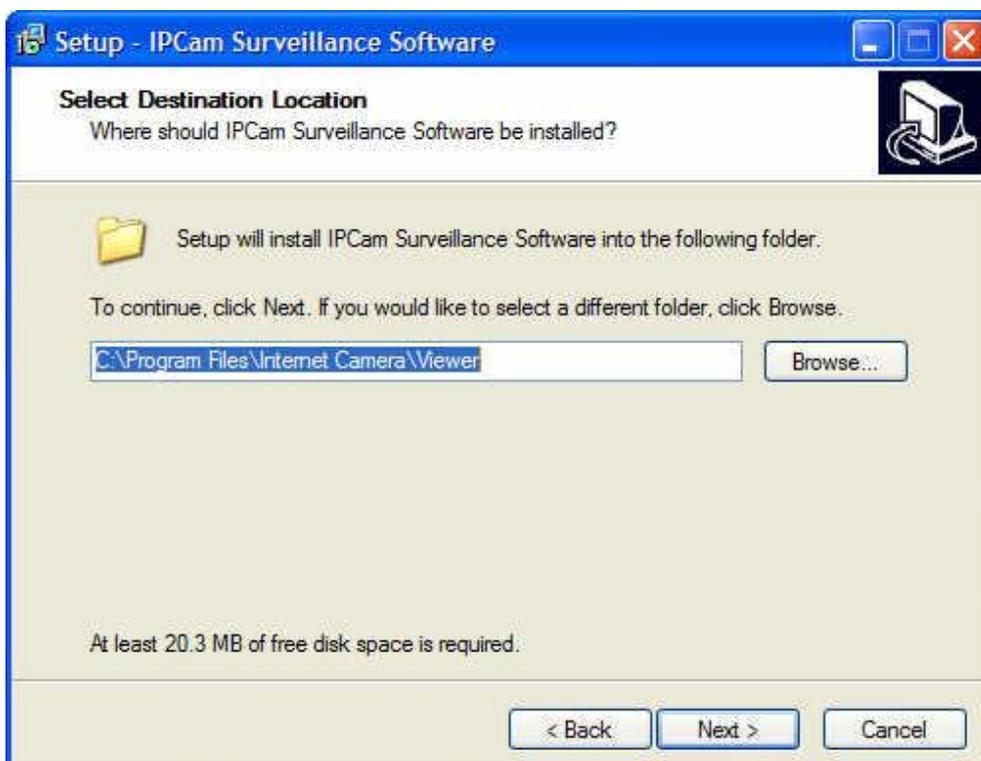
To install the 16-Channel Viewer, insert the enclosed CD into your computer's CD-ROM drive, and select 16-Channel Viewer when the setup screen appears.



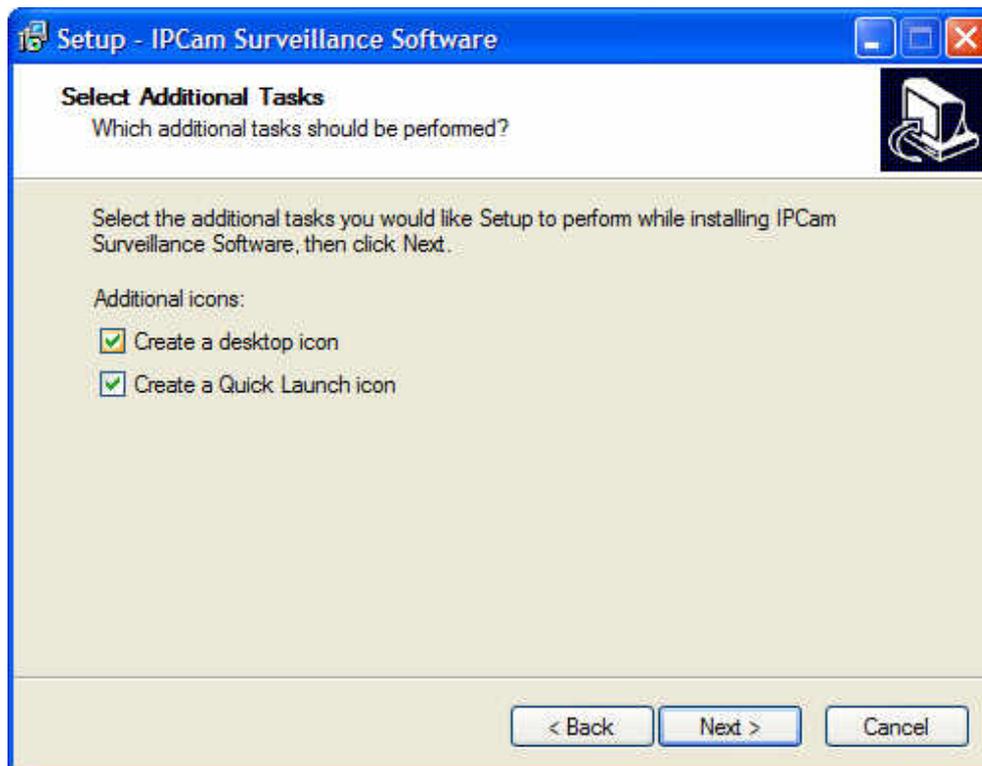
1. Click “Next” to start the installation process.



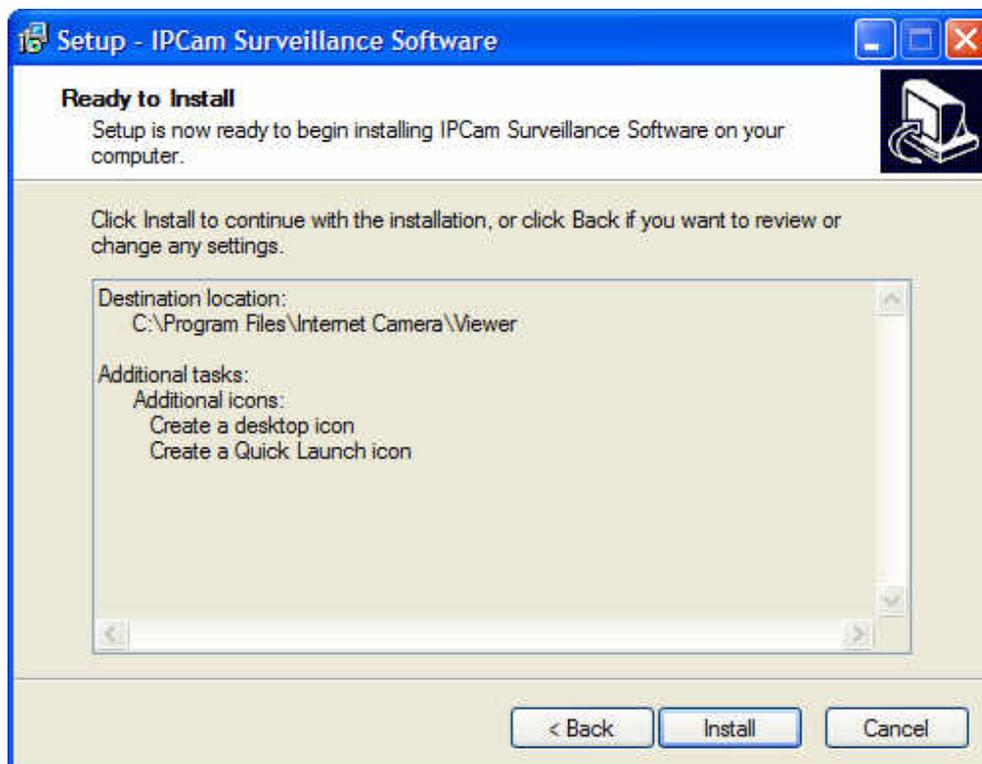
2. Click "Browse" to set the application installation folder, or leave the default folder unchanged if you prefer. Click "Next" to continue.



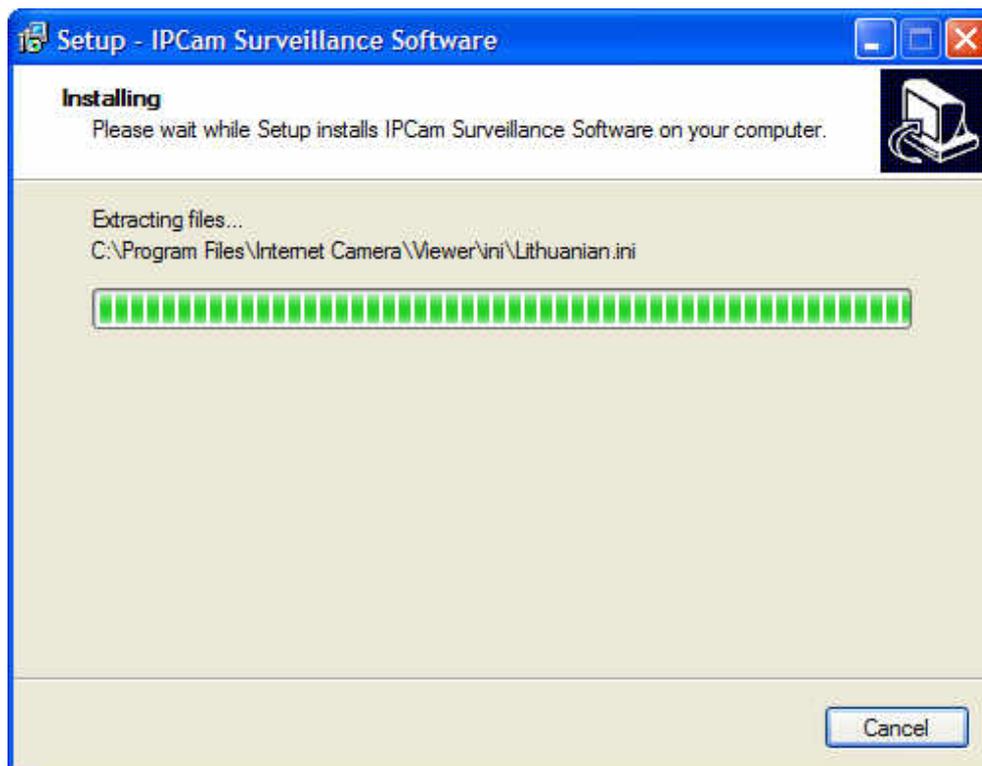
3. To set the application startup options, select “Create a desktop icon” to add an application icon to the desktop. Select “Create a Quick Launch icon” to add an application icon to the quick launch bar.



4. After reviewing the installation details, click “Install” to continue or “Back” to return to the previous step.



5. The installation process is displayed in the following window. This step may take several minutes to complete.



6. Click "Finish" to complete the installation.

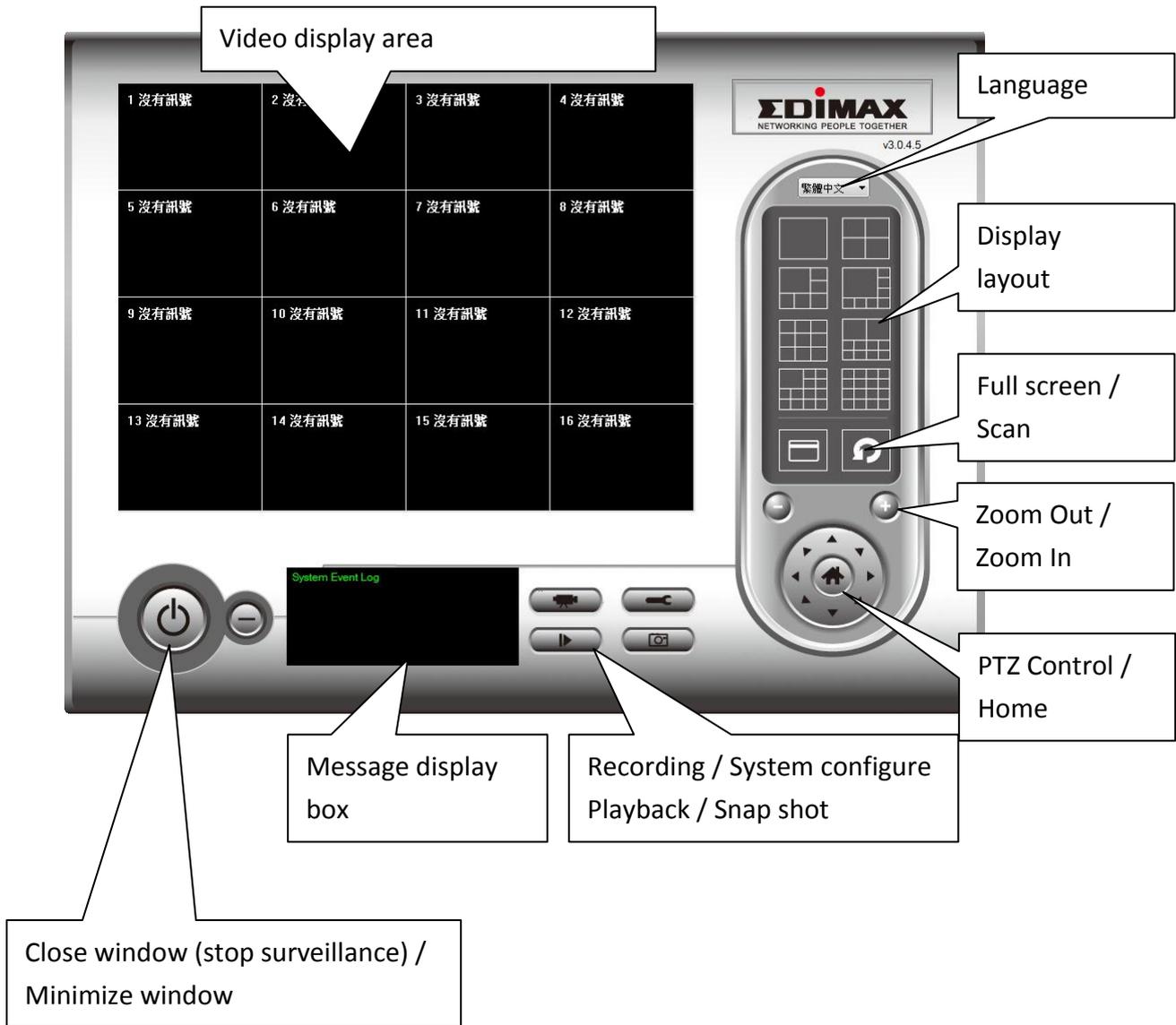


### 3.4.2 Using the 16-Channel Viewer

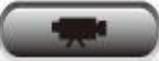
You can click the “IPCam Surveillance Software” icon or link from your desktop, quick launch bar, or Start Menu to launch the 16-Channel Viewer.

Note: If your computer shows a Windows Security Alert, please select “Unblock” or the viewer software will not work properly.





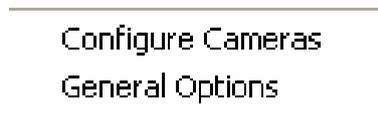
Item	Description
Video display area	The images from all connected cameras will be displayed here.
Language	Select a language from this dropdown menu to change the display language.
Display layout 	Change the camera image display layout by clicking a layout icon. There are 8 display layouts available.
Full screen 	Click this button to switch to full screen mode (only displays all camera images), press the "ESC" key to quit full screen mode.

<p>Scan</p> 	<p>Click this button and the 16-Channel Viewer will switch through the images of all connected cameras automatically. Click this button once to activate the scan function (scan icon will turn blue ) , click again to stop scanning (scan icon will turn white ) .</p>
<p>Zoom out</p> 	<p>Zoom-out (To see more objects). This function is only available for supported cameras.</p>
<p>Zoom In</p> 	<p>Zoom-in (To see more details). This function is only available for supported cameras.</p>
<p>PTZ control</p> 	<p>There are 8 directions in the Pan-Tilt-Zoom (PTZ) control ring. If the cameras you connect to support PTZ, you can use the PTZ control ring to change the direction that the cameras point to. This function is only available for supported cameras.</p>
<p>Home</p> 	<p>Click this button to return the camera to its “Home” (default) position. This function is only available for supported cameras.</p>
<p>Recording</p> 	<p>Start video recording.</p>
<p>Configure</p> 	<p>Software / camera configuration.</p>
<p>Playback</p> 	<p>Play back a recorded video file.</p>
<p>Snapshot</p> 	<p>Take a snapshot of the selected camera.</p>
<p>Message display</p>	<p>Displays all system messages.</p>
<p>Close window (stop surveillance)</p>	<p>Closes the 16-Channel Viewer software.</p>

	
Minimize window 	Minimizes the 16-Channel Viewer software window.
Video display area	Displays the images of all cameras according to the display layout selected.

### 3.4.3 Configuring the 16-Channel Viewer

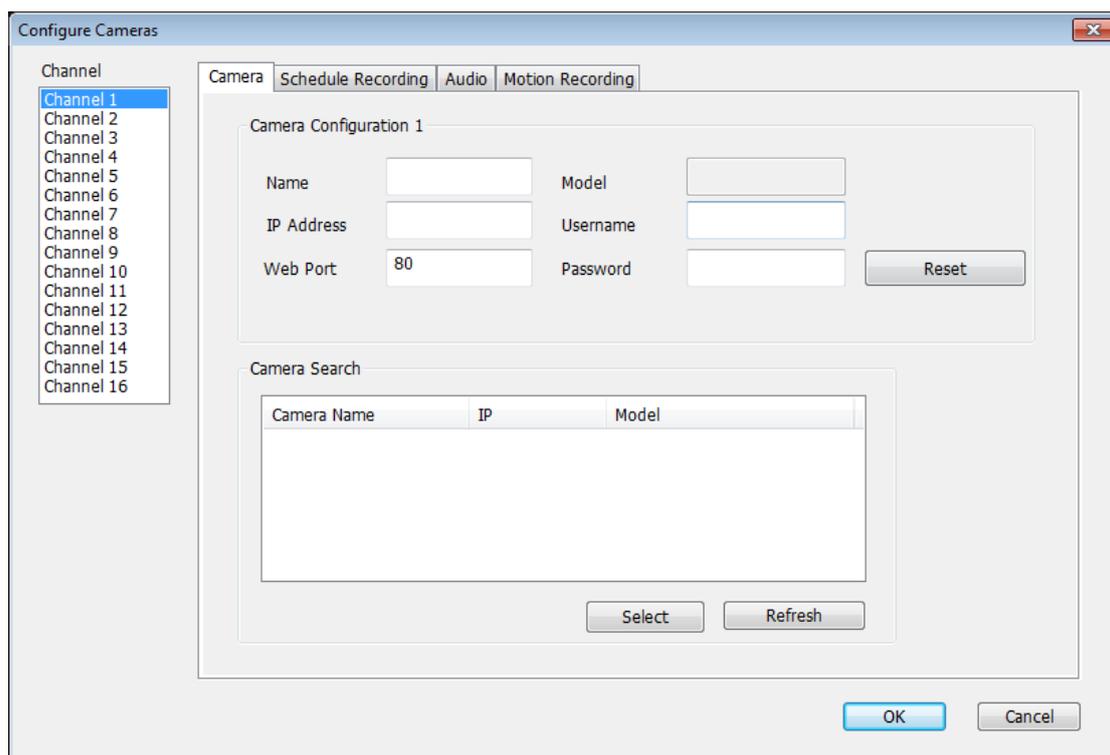
Before you use this 16-Channel Viewer software, you must configure the camera(s) you wish to connect to. Please click the “Configure” button  and a popup menu will appear:



Please select ‘Configure Cameras’ to configure cameras:

#### 3.4.3.1 “Camera” Settings

In this tab you can configure all cameras you wish to connect to. Up to 16 cameras can be connected simultaneously:



Item	Description
Channel	Select the channel number you wish to set.
Camera Search	All cameras found on your local network will be displayed in the 'Camera Search' box.
Select	Select a camera listed in the 'Camera Search' box, and click the 'Select' button to fill all parameters of the selected camera into every camera configuration field.
Refresh	Rescan all cameras on your local network. If you didn't see the camera you expected in the 'Camera Search' box, or new cameras have been added to your local network since the last scan.
Name*	Input the name of the camera here. The default name is the first 6 bytes of the camera's MAC address. You can change the name of the camera so you can remember the camera's location or purpose easily.
Model	Shows the model of the selected camera, this field cannot be changed.
IP*	Input the IP address of the camera.
Username*	Input the user name of the camera.
Web Port*	Input the web port of the camera. By default it's '80'.
Password	Input the password of the camera. The default value is '1234'. You should change the password here if you changed the password of the selected camera.
Video Format**	Select the video encoding format of this camera (MJPEG or MPEG4).
Reset	Clear all fields in the 'Camera Configuration' section.
OK	Save settings in this tab.
Cancel	Discard all settings in this tab.

\*: It's recommended to use 'Select' button to fill the content of this field.

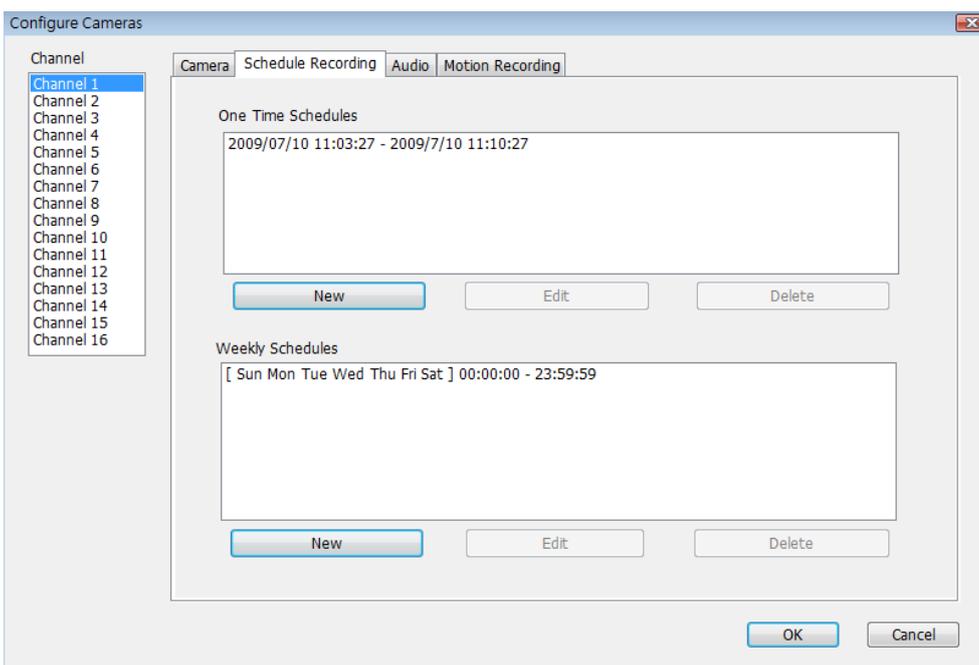
\*\* : Only available for cameras support this function.

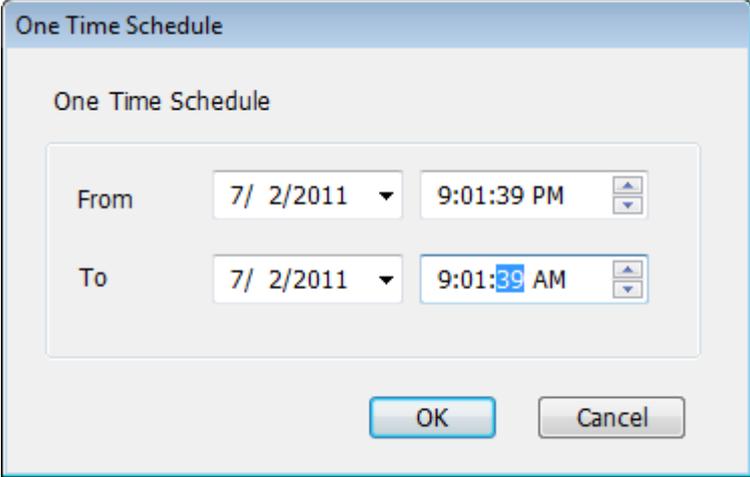
After you've set all channels you wish to set, click 'OK' to save settings, and if everything's correct, you'll see the camera's image in the 16-Channel Viewer software's main display area:

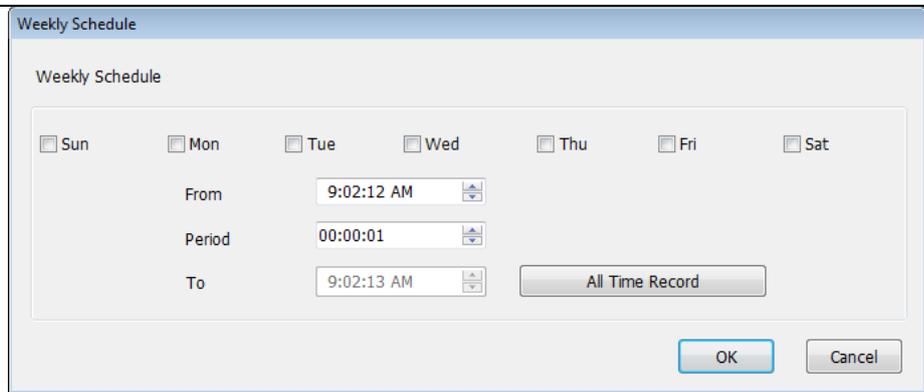


### 3.4.3.2 Scheduled Recording

In this tab, you can setup scheduled video recording, so you can record the video captured by all cameras you have according to a pre-defined schedule.



Item	Description
Channel	Select the channel number you wish to set.
One Time Schedules	You can specify a one-time schedule for the selected camera; this schedule will be executed once only.
New (One Time Schedules)	<p>Click this button and a new window will appear:</p>  <p>Please specify the time duration of this one-time schedule (the date and time of 'From' and 'To'), then click 'OK' to save settings.</p> <p>Please note you must set a schedule that will happen in the future, you cannot set a schedule in the past.</p>
Edit	You can modify a scheduled recording item. Select a schedule in the 'One Time Schedules' list, and click the 'Edit' button to edit the start and end times of this schedule.
Delete	Delete a selected schedule item.
New (Weekly Schedules)	Click this button and a new window will appear:



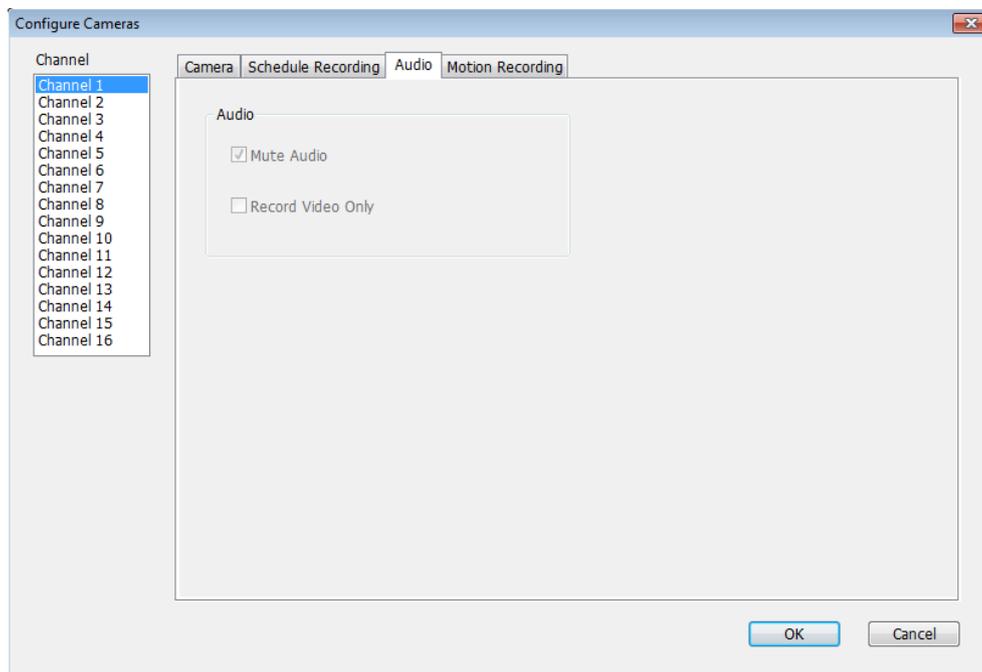
You can define a recording schedule that will be executed at the specified time of certain day(s) in the week. Please check all days that apply, and set the start time in the 'From' field. You can set the duration of the video recording in the 'Period' field (format is HH:MM:SS), and the end time will be calculated automatically and displayed in the 'To' field. You can also click the 'All Time Record' button to define a recording schedule that will be executed every weekday, from 12:00:00AM to 11:59:59PM.

Click 'OK' to save changes.

Edit	You can modify a scheduled recording item. Select a schedule in the 'One Time Schedules' list, and click the 'Edit' button to edit the start and end times of this schedule.
Delete	Delete a selected schedule item.
OK	Save settings in this tab.
Cancel	Discard all settings in this tab.

### 3.4.3.3 Audio

For cameras that support audio, you can use this tab to decide if you wish to hear the audio captured by the selected camera.

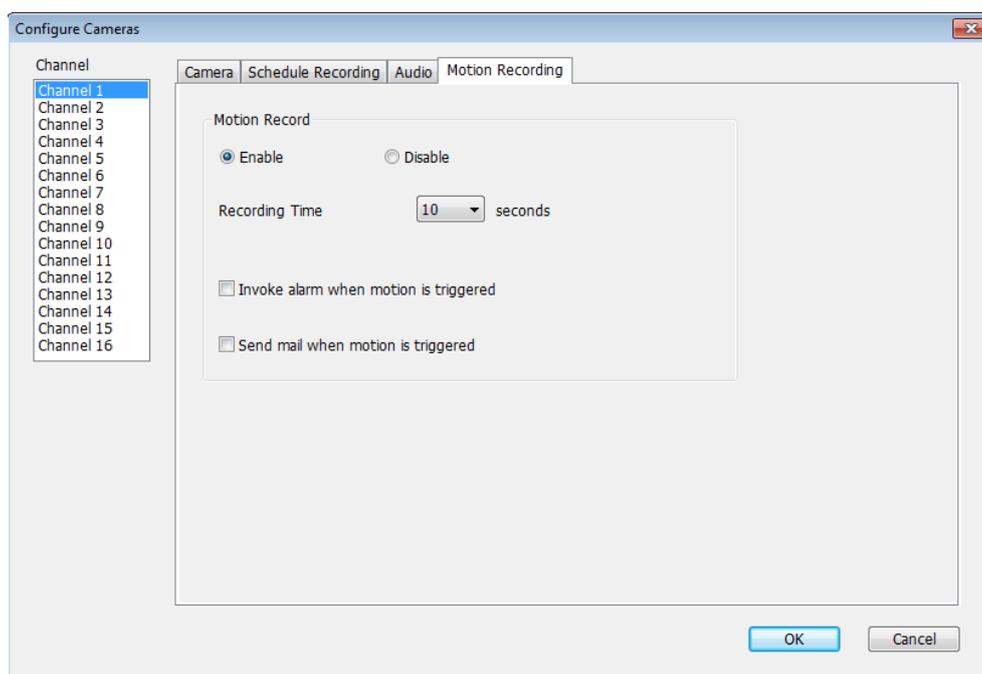


Item	Description
Channel	Select the channel number you wish to set.
Mute Audio	Check this box and the 16-Channel Viewer software will not play the audio captured by this camera.
Record Video Only	Check this box and the 16-Channel Viewer software will not record the audio captured by this camera.
OK	Save settings in this tab.
Cancel	Discard all settings in this tab.

### 3.4.3.4 Motion-Triggered Recording

With this function activated, only motions captured by the camera will be recorded, so you don't have to waste hard disk storage space on images you don't need to pay attention to.

**WARNING: For applications where security is of high priority, it's not recommended to use this function since some small but significant changes you may need to know about may not be sufficient to trigger the camera and the camera will not start recording.**



Item	Description
Channel	Select the channel number you wish to set.
Enable	Enable the motion record function.
Disable	Disable the motion record function.
Recording Time	Select, from the dropdown menu, the time duration in seconds that the camera will record when a motion has been detected.
Invoke alarm when motion is triggered	Send an alarm when motion has been detected by the camera.
Send mail	Send an email to a pre-defined address when

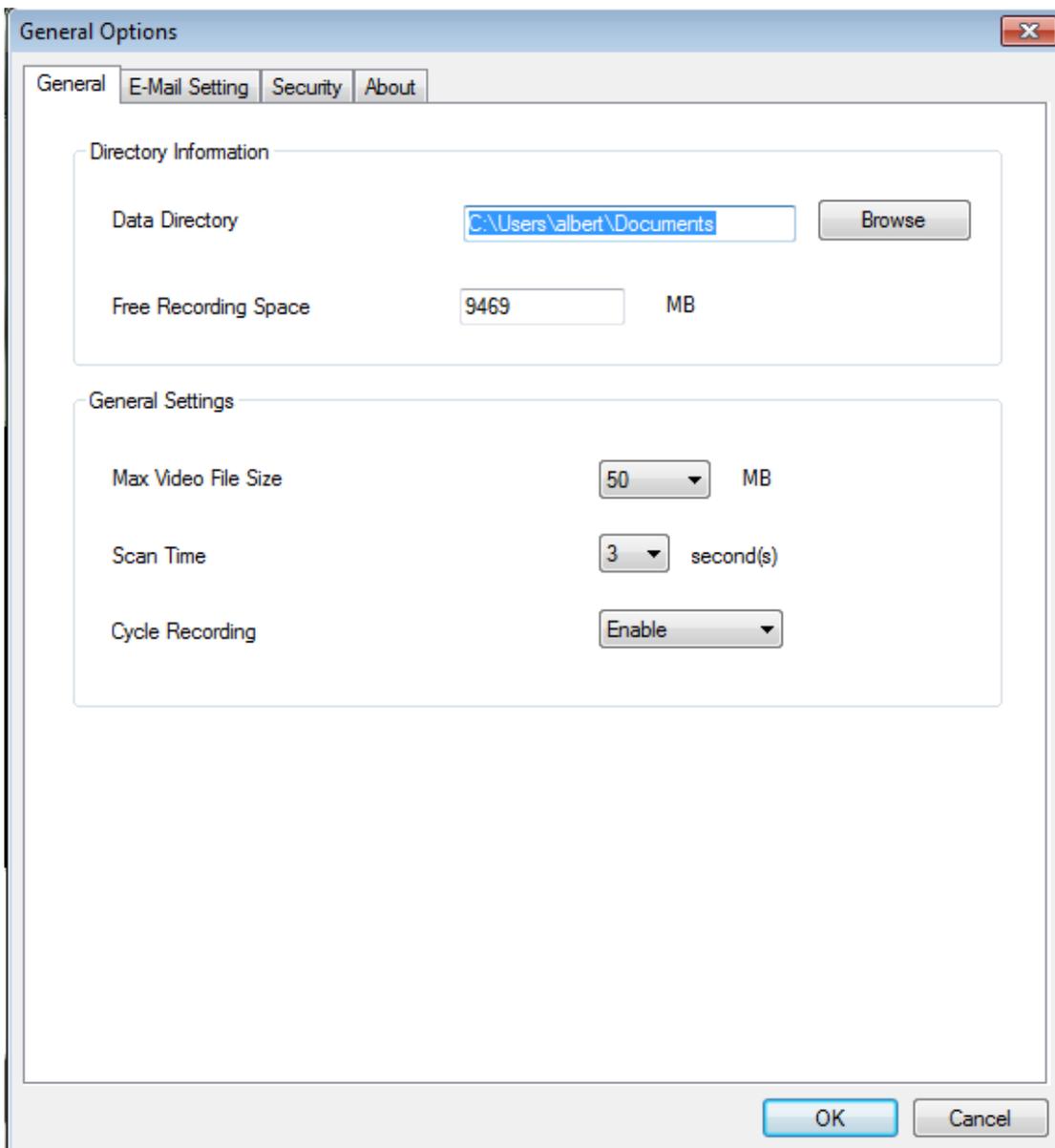
when motion is triggered	motion has been detected by the camera.
OK	Save settings in this tab.
Cancel	Discard all settings in this tab.

### 3.4.4 General Options

You can set system-wide settings for the 16-Channel Viewer software in this menu.

#### 3.4.4.1 General

All general settings such as file storage directory and recording spaces can be set here.



Item	Description
Data Directory	Set the directory (folder) you wish to store the recorded video and captured image. You can click 'Browse' button to pick a directory in your hard disk.
Free Recording Space	Displays remaining storage space.
Max Video File Size	Defines the maximum file size of every video file. When the size of file exceeds this value, 16-Channel Viewer software will open another file to record the video.
Scan Time	Define the time period to pause between every camera switch when you activate 'Scan' function.
Cycle Recording	You can decide the behavior when hard disk space is full:  Disable: Do not overwrite recorded video files. Enable: Overwrite recorded video files.
OK	Save settings in this tab.
Cancel	Discard all settings in this tab.

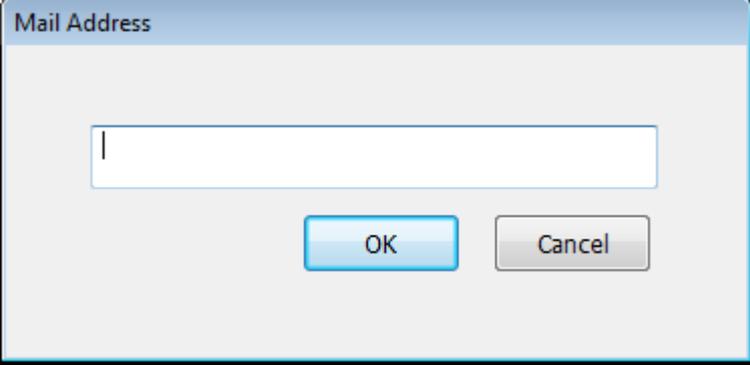
### 3.4.4.2 Email Setting

If you want to use motion detection function and wish to get an email that contains the image captured by the camera, please setup your email related parameters here first.

The screenshot shows a window titled "General Options" with a tabbed interface. The "E-Mail Setting" tab is active. It contains the following fields and controls:

- E-Mail Subject:** A text input field.
- Recipient E-Mail Address:** A list box containing no entries, with "New", "Edit", and "Delete" buttons below it.
- Sender E-Mail Address:** A text input field.
- SMTP Server:** A text input field.
- SMTP Port:** A text input field containing the value "25".
- SMTP Auth:** Two radio buttons labeled "Enable" and "Disable", with "Disable" selected.
- SMTP Account:** A text input field.
- SMTP Password:** A text input field.
- Buttons:** "OK" and "Cancel" buttons at the bottom right.

Item	Description
E-Mail Subject	Specify the subject of sending email.
Recipient E-Mail Address	Here lists all email addresses you set.

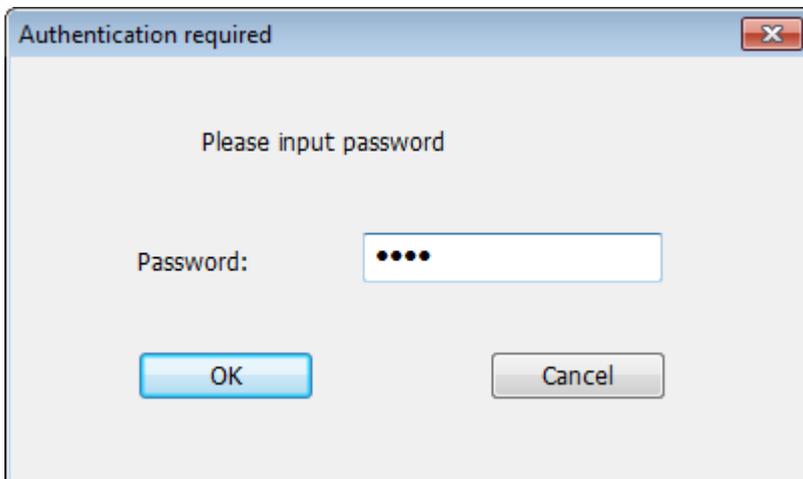
New	<p>Click this button and you'll be prompted to input the email address. Click 'OK' to save changes.</p> 
Edit	<p>Select an email address from 'Recipient E-Mail Address' box, and click 'Edit' to edit the email address.</p>
Delete	<p>Delete selected email address.</p>
Sender E-Mail Address	<p>Specify the email address of email sender.</p>
SMTP Server	<p>Specify the IP address or host name of the SMTP server you wish to use. For most of ISPs they will only allow its subscriber to use their SMTP server, if you don't know which SMTP server you should use, please refer to the setting of your email software or ask your ISP / network administrator.</p>
SMTP port	<p>Specify the port number of the SMTP server you wish to use here. By default (and the setting of most of SMTP servers) it's '25'.</p>
SMTP Auth	<p>Select 'Enable' if your SMTP server requires authentication, select 'Disable' if it's not required. If you don't know if your SMTP server requires authentication, please refer to the setting of your email software or ask your ISP / network administrator.</p>
SMTP Account	<p>Input the SMTP account (username) of your SMTP server here. In most cases, it's the same with your POP3 username (the one you used to receive email). Please refer to the setting of</p>

	your email software or ask your ISP / network administrator if you're not sure about this.
SMTP Password	Input the SMTP password of your SMTP server here. In most cases, it's the same with your POP3 password (the one you used to receive email). Please refer to the setting of your email software or ask your ISP / network administrator if you're not sure about this.
OK	Save settings in this tab.
Cancel	Discard all settings in this tab.

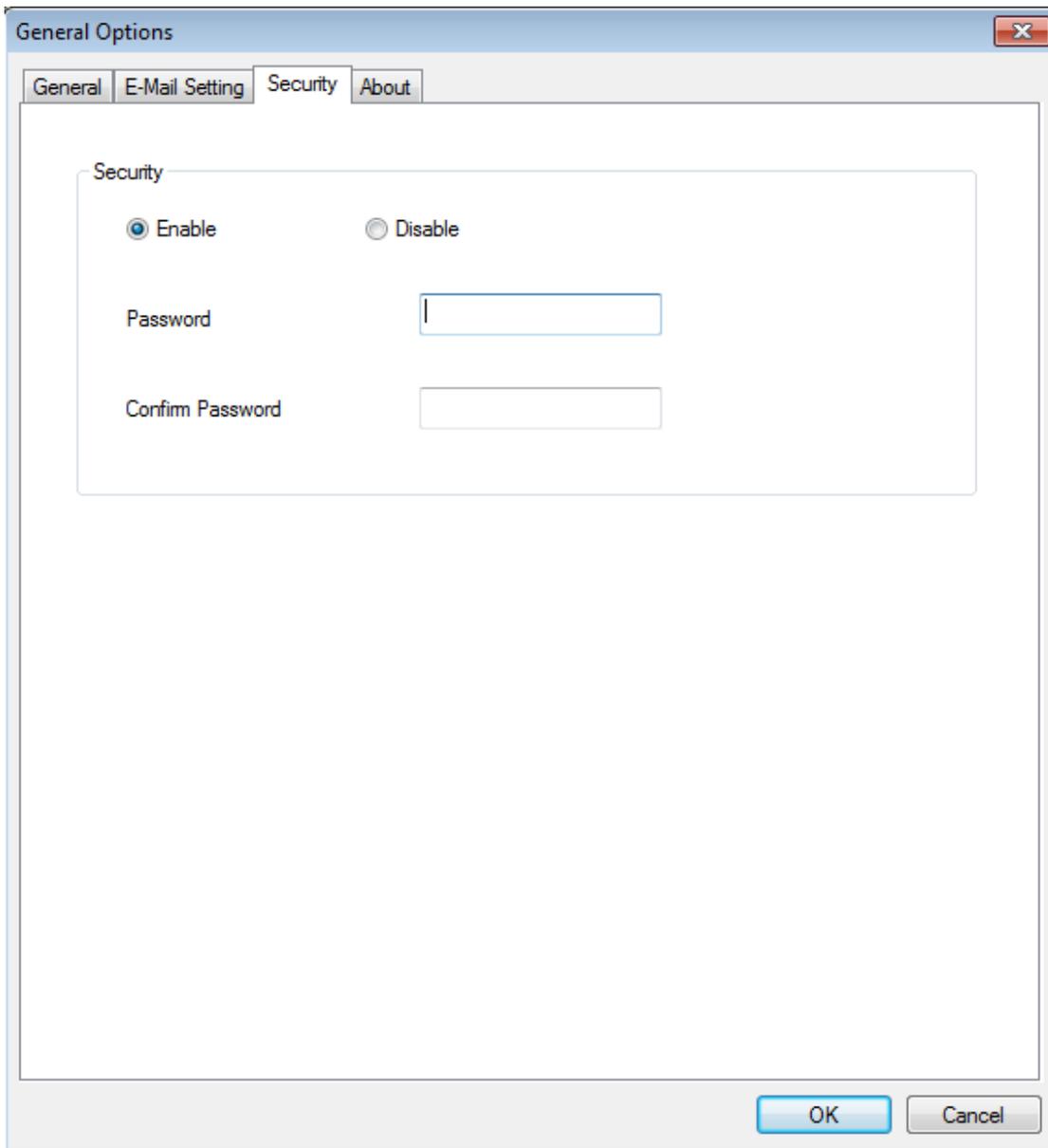
### 3.4.4.3 Security

If you don't want other people to access this 16-Channel Viewer software, you can set a password to protect it.

You'll need to input the password every time you wish to use this 16-Channel Viewer software:



To set password, please use 'Security' tab in 'General Options' menu:

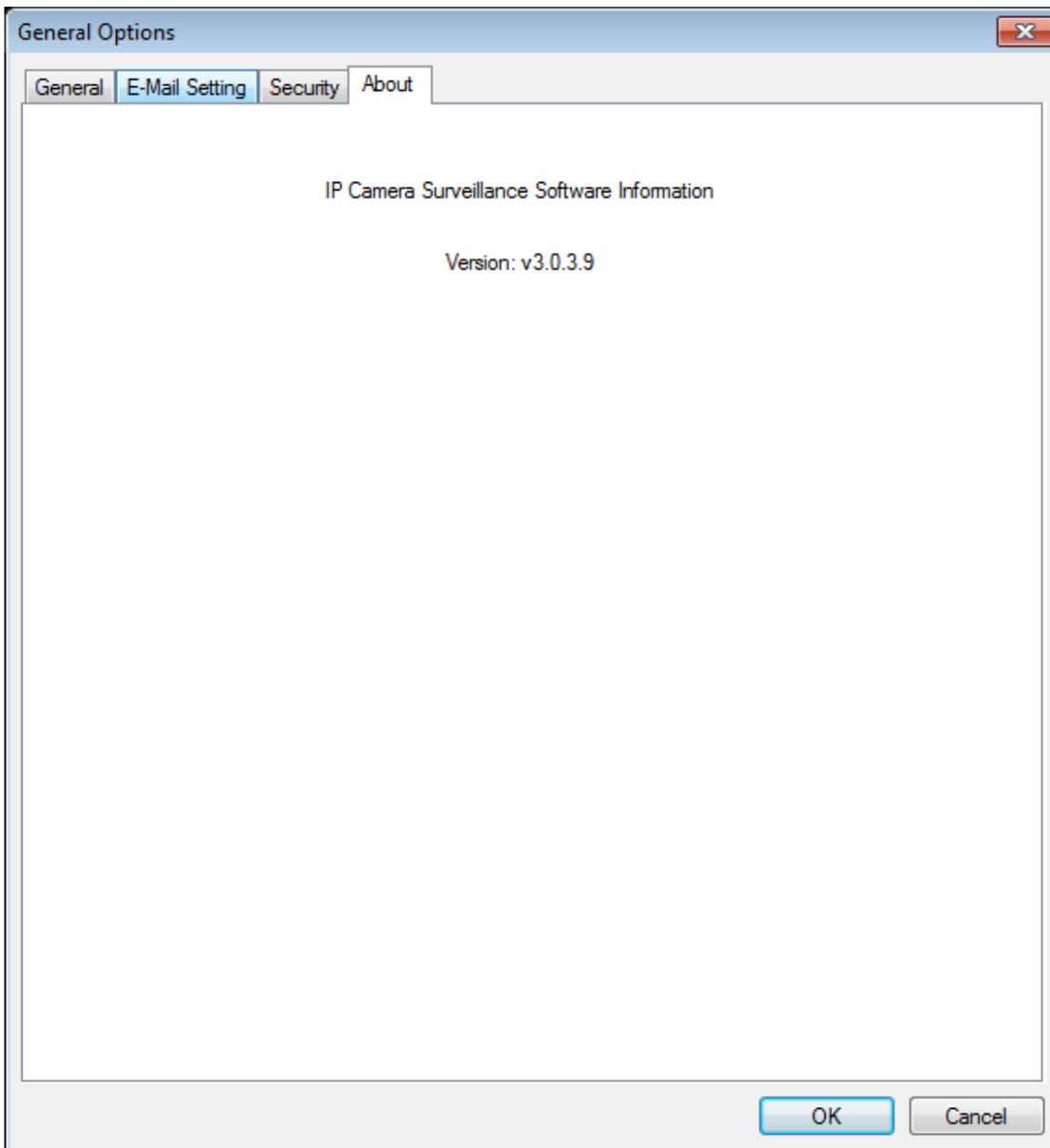


Here are the descriptions of all setting items:

Item	Description
Enable	Requires password authentication when this software starts.
Disable	Password authentication is not required when this software starts.
Password	Input the password you wish to use here.
Confirm Password	Input the password you wish to use here again.

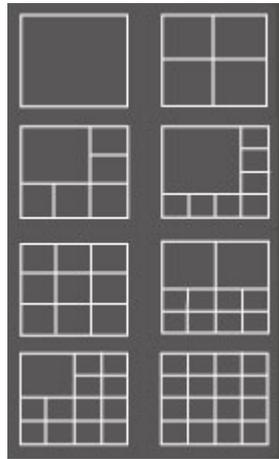
### 3.4.4.4 About

This tab shows the version number of the 16-Channel Viewer software you're using.

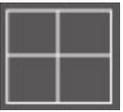
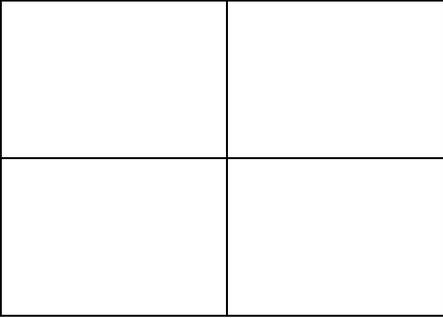


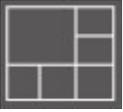
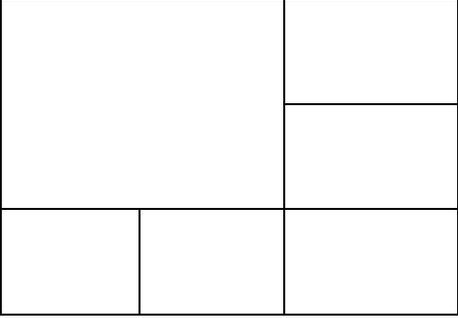
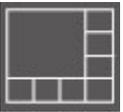
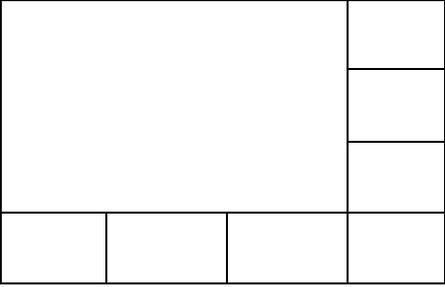
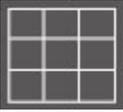
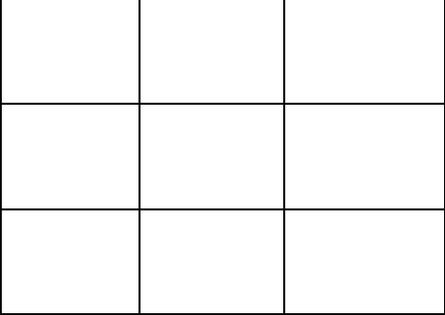
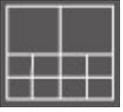
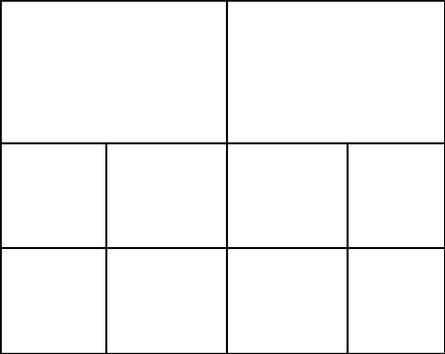
### 3.4.5 Changing the Display Layout

This 16-Channel Viewer software provides 8 display layouts:

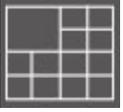


Every layout displays a different number of cameras and camera arrangements, you can click the icon that presents a specific kind of layout, and the video display area will change accordingly.

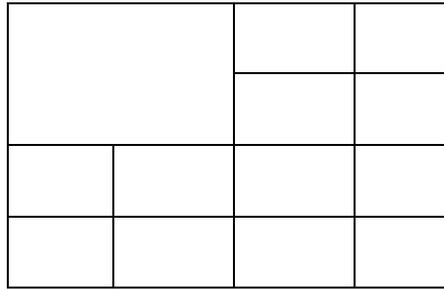
<p>Layout style 1: 1 Camera only</p> 	<p>Displays the video of 1 camera only.</p> 
<p>Layout style 2: 4 Cameras</p> 	<p>Displays the video of up to 4 cameras.</p> 

<p>Layout style 3: 6 Cameras</p> 	<p>Displays the video of up to 6 cameras.</p> 
<p>Layout style 4: 8 Cameras</p> 	<p>Displays the video of up to 8 cameras.</p> 
<p>Layout style 5: 9 Cameras</p> 	<p>Displays the video of up to 9 cameras.</p> 
<p>Layout style 6: 10 Cameras</p> 	<p>Displays the video of up to 10 cameras.</p> 

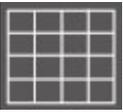
Layout style  
7: 13 Cameras



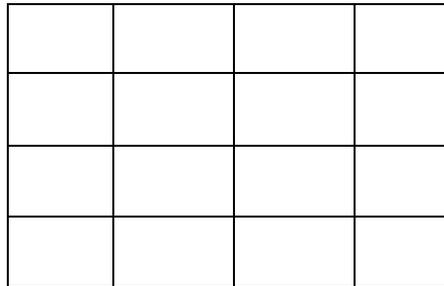
Displays the video of up to 13 cameras.



Layout style  
8: 16 Cameras

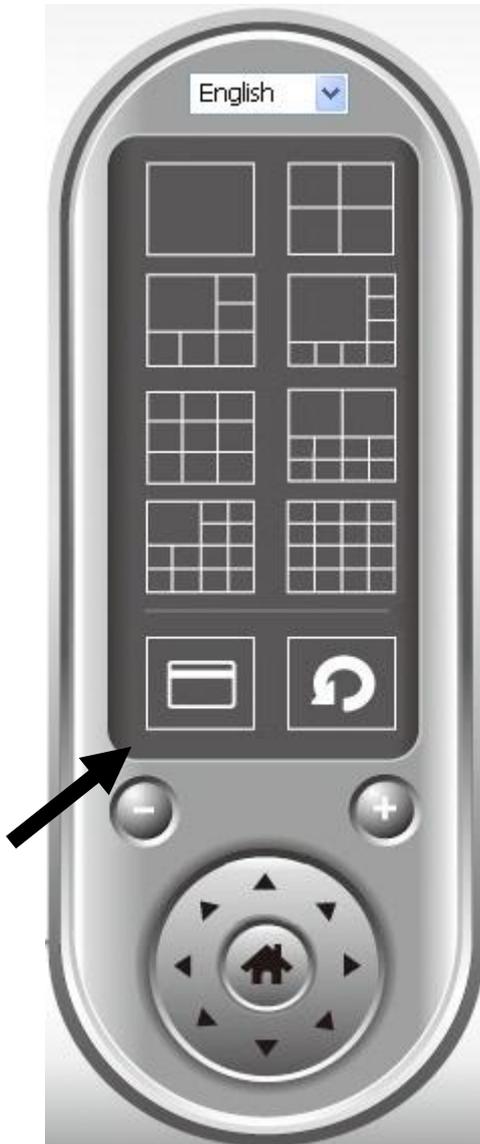


Displays the video of up to 16 cameras.



### 3.4.6 Full-Screen Mode

If you want to use all available space on your monitor to display surveillance images, you can click the 'Full Screen' button to switch the display mode to full-screen mode.

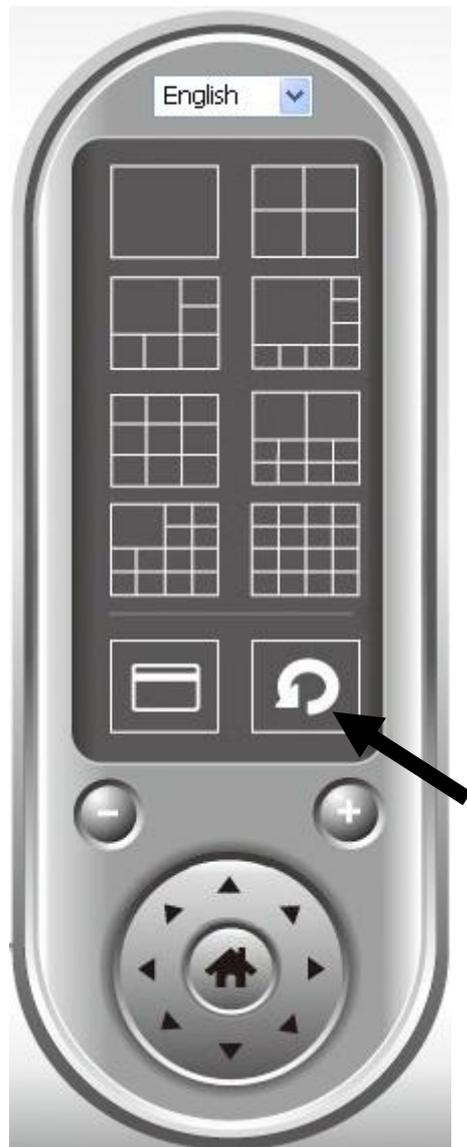


To exit full-screen mode, press the 'ESC' key.

### 3.4.7 Scan

If you have more than one camera configured, and you wish to switch the displaying image between cameras, you can click 'Scan' button to switch between all configured cameras.

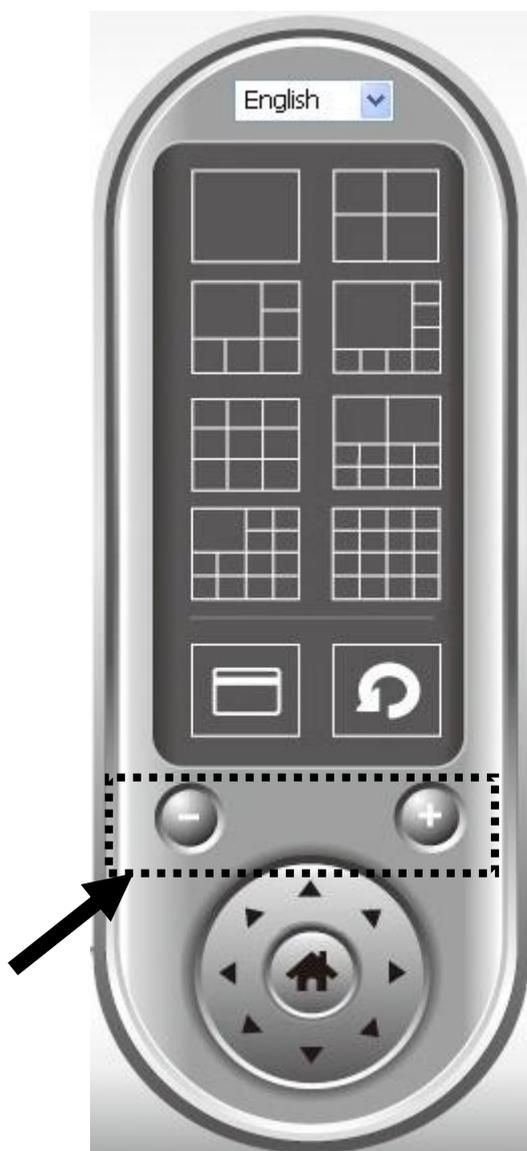
**NOTE:** *If a camera is configured but disconnected, it will still be displayed in a scan sequence (you'll see nothing and you'll see 'Disconnected' text displayed at the upper-left corner of display image).*



Click 'Scan' button once to activate scan function (scan icon will become blue ) , click again to stop scanning (scan icon will become white ).

### 3.4.8 Zoom-in/Zoom-out

For cameras that support the zoom-in / zoom-out function, you can use this function to see more objects that fall in the scope of camera's view, or enlarge the image size of a certain object to see its detail.



Please select a camera in video display area by clicking on its image, then click  button to see more objects that fall in the scope of camera's view, or click  to enlarge the image size of a certain object to see its detail (Before zoom-in, you may need to use PTZ buttons - described in next section) to find an object you wish to see its detail).

### 3.4.9 PTZ

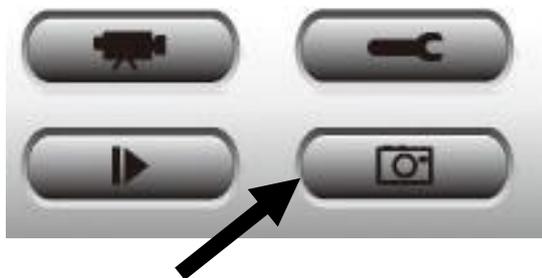
For cameras that support pan - tilt functions, you can change the position that camera points to, to see different places that fall in the scope of camera's view.



Please select a camera in video display area by clicking on its image, and then click the directions you wish the camera to move to (total 8 directions available). Click 'Home' button (🏠) to return to camera's home (default) position.

### 3.4.10 Snapshot

You can take a snapshot of selected camera and save it to 'Snapshot' sub-folder of pre-defined data directory.



Click snapshot button once to take a snapshot; you can take as much snapshot as you want before hard disk is full.

### 3.4.11 Recording

You can start video recording of selected camera manually by clicking 'Start Recording' button:



When recording starts, you'll see a message displayed in message displaying box like '1/1 10:00:00, Camera 2 Start Manual', which means camera 1 starts recording manually on 1/1 at 10:00:00.

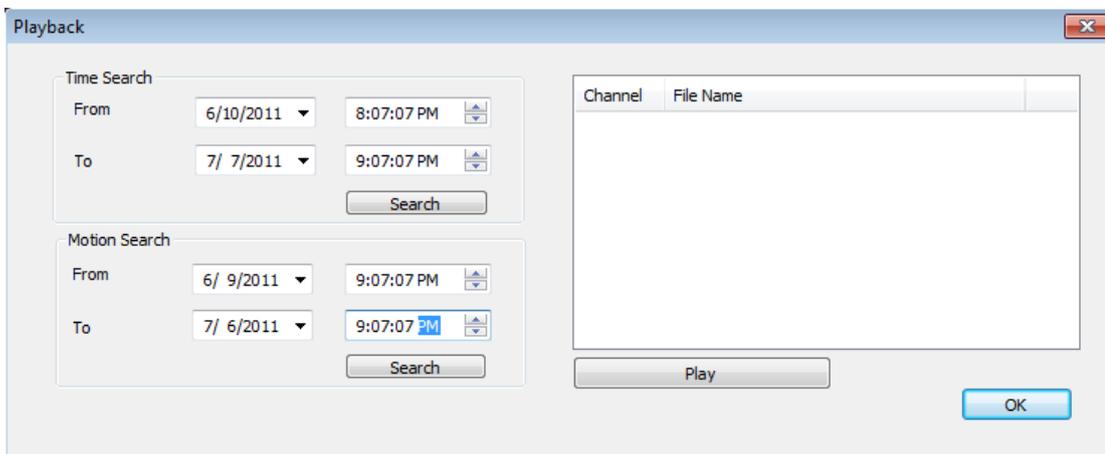
To stop recording, click 'Start Recording' button again, and you'll see a message displayed in message displaying box like '1/1 10:00:00, Camera 2 Stop Manual'.

### 3.4.12 Video Playback

You can playback all recorded video by clicking this button.



A new window will appear:



You have to search the video file before you can play it. There are two kinds of video search: Time Search (search all videos file that falls in a specific period of time) and Motion Search (search all videos recorded by motion detection function and falls in a specific period of time).

Please define the start and end date / time of the time period you wish to search, and then click 'Search' button (of 'Time Search' of 'Motion' Search'). All found videos will be displayed, select the video you wish to play and click 'Play' button to playback.

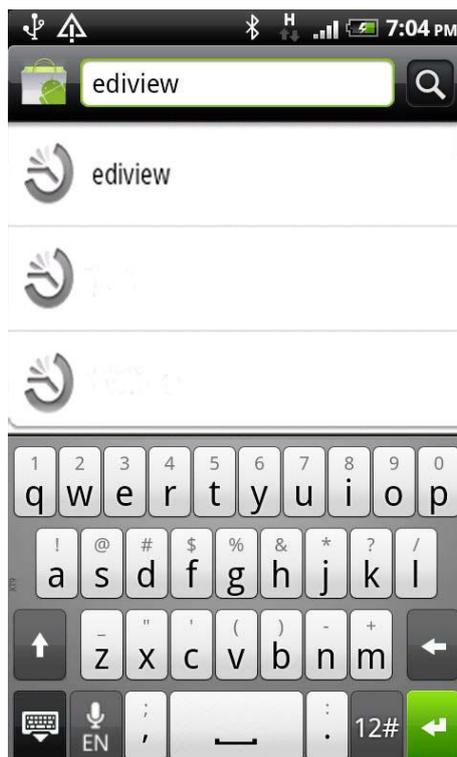
## 3.5 Configuring the Android Surveillance Software

### 3.5.1 Installing the Android Surveillance Software

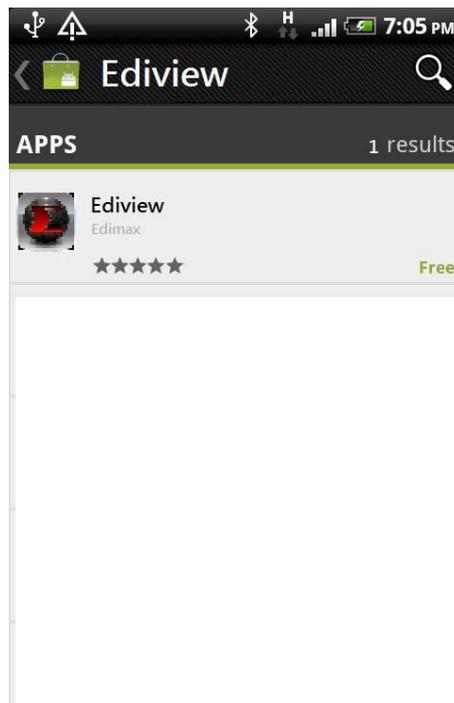
1. Launch the Android Market.



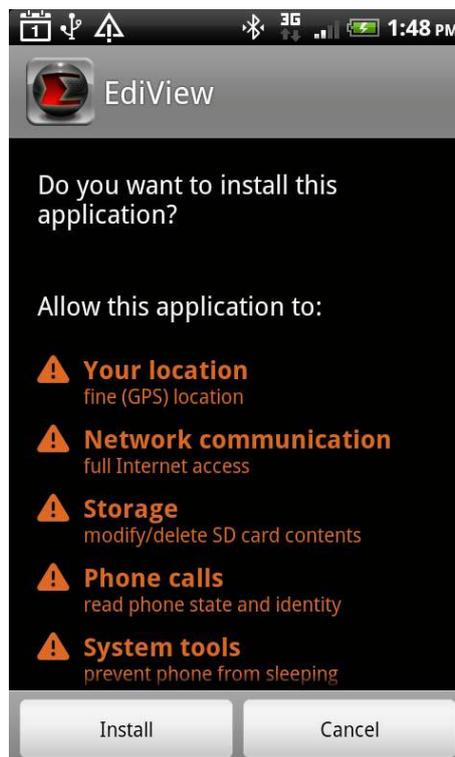
2. Tap the magnifier icon at the upper-right corner of the Android market and enter "ediview" into the search field.



3. Tap “ediview” to download and install the app.

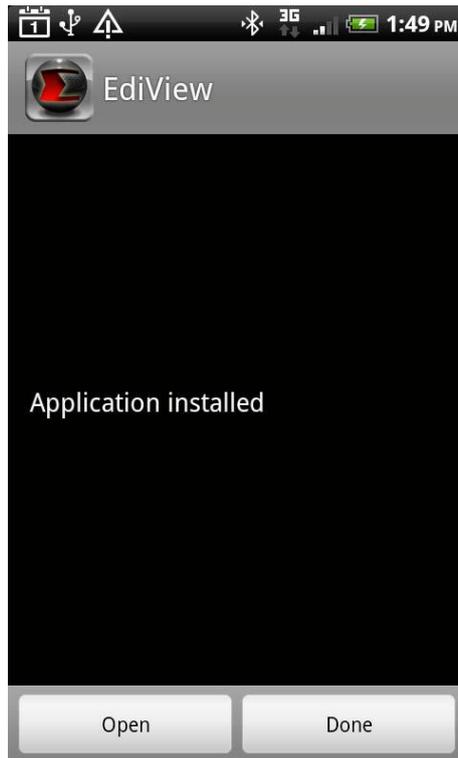


4. At the installation confirmation screen, tap “Install” to start installation or “Cancel” to exit.



The installation may take several minutes, depending on connection speed.

5. When the application is successfully installed, “Application installed” will appear on the screen.



6. Tap “Open” to launch the EdiView application or tap “Done” to close the window.

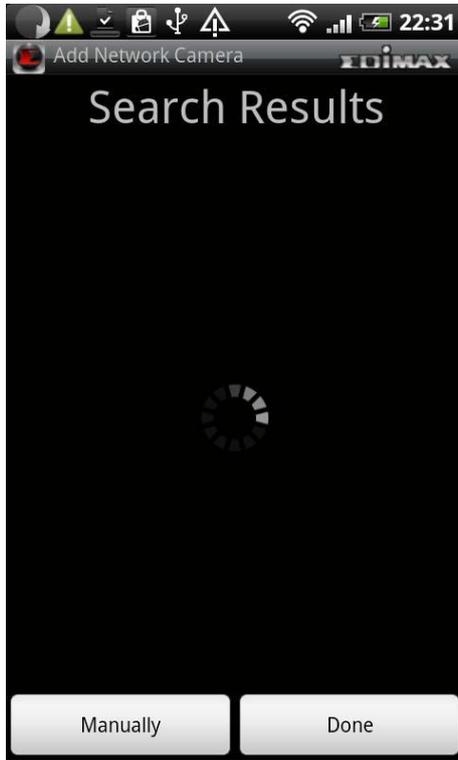
### 3.5.2 Adding Network Cameras

There are two ways to add a network camera to the camera list:

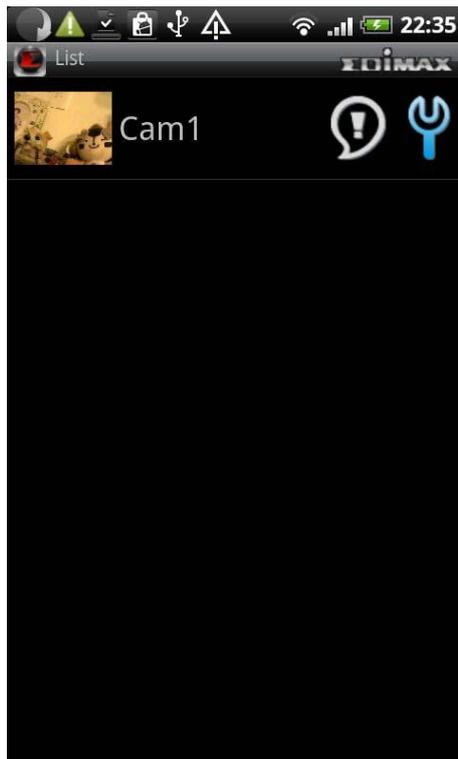
- Automatically scan and add available cameras located on the network, or
- Manually enter a network camera's information

#### **Automatically Adding a Camera**

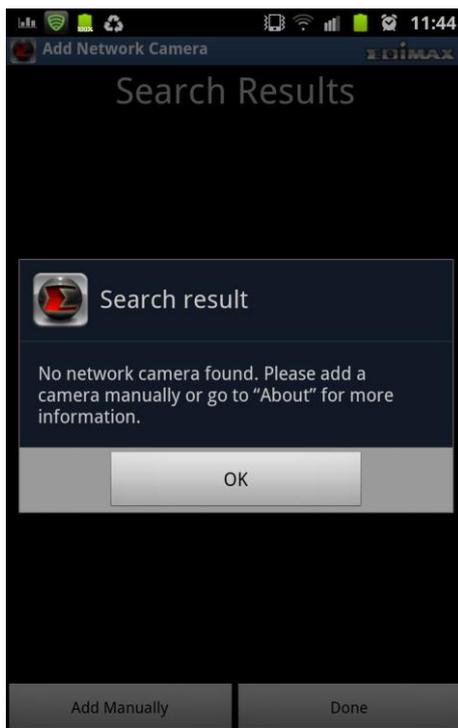
1. When the EdiView application is launched, it automatically searches the LAN for all Edimax network cameras.



2. If a camera is found, it is shown in the camera list.



3. If no camera is found, tap “OK” to close the information dialogue.



4. Tap “Manually” to manually add a new network camera.



## Manually Adding a Network Camera on a LAN in IP Mode

Note: cameras added in IP mode can only be accessed on the local network.

1. Tap the “Cloud/IP Mode” button to set the mode to “IP”.



The screenshot shows a mobile application interface titled "Add network camera". At the top, there is a status bar with various icons and the time "17:38". Below the title bar, the "Camera name" field contains "My camera". The "Cloud/IP Mode" section has a button labeled "IP" which is currently selected. Below this are input fields for "IP Address/DDNS", "Port" (with the value "80"), "Username" (with the value "admin"), and "Password". At the bottom of the form, there are two buttons: "Cancel" and "Add".

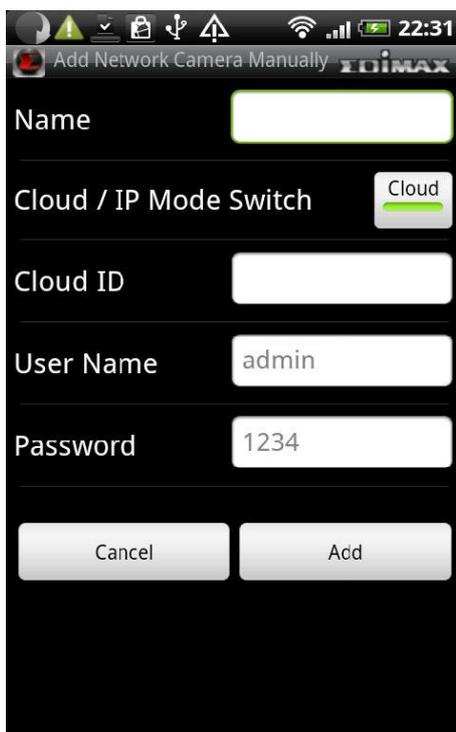
2. Enter information into the following fields:

Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
IP Address / DDNS	Enter the IP address of the host name of the network camera.
Port	Enter the port number of the camera.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

3. Tap “Add” to add the camera to the list.

## Manually Adding a Network Camera on the Cloud in Cloud Mode

1. Tap the “Cloud/IP Mode” button to set the mode to “Cloud”.



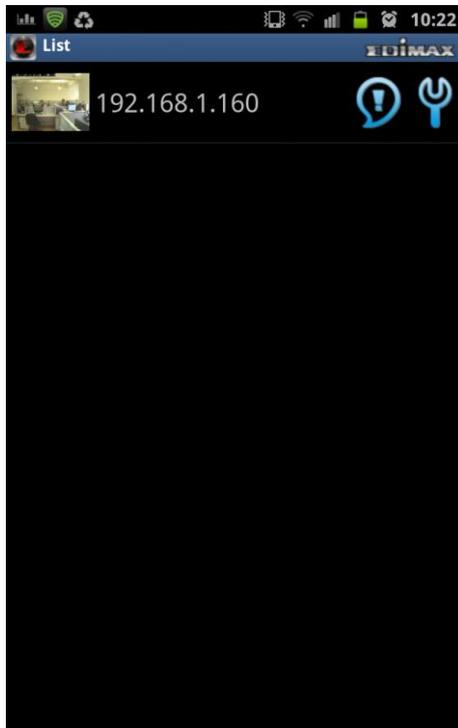
2. Enter information into the following fields:

Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
Cloud ID	Enter the Cloud ID of the network camera. The Cloud ID is a twelve character alphanumeric value of the network camera, found on the included Cloud ID card.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

3. Tap “Add” to add the camera to the list.

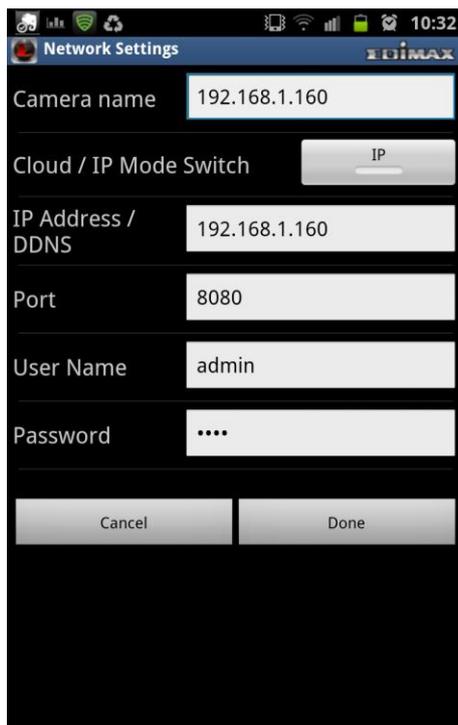
### 3.5.3 Android Surveillance Software Configuration Options

Tap a camera's  icon in the list to edit the configuration settings.



#### Configuring Network Settings on a LAN in IP Mode

1. Tap the text box of a parameter and enter new information to change the configuration settings.

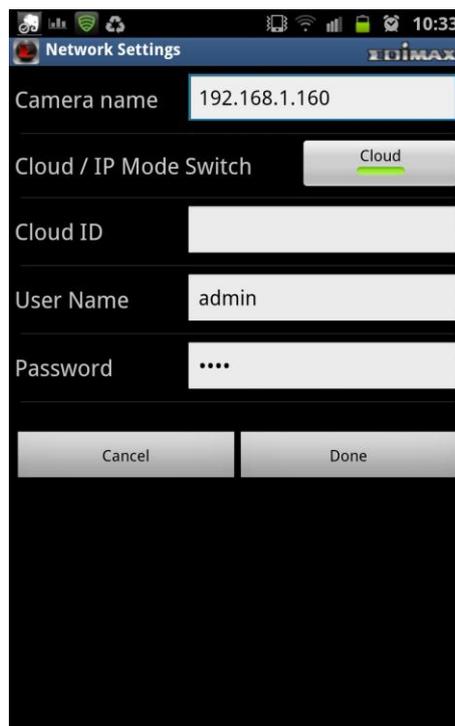


Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
IP Address / DDNS	Enter the IP address of the host name of the network camera.
Port	Enter the port number of the camera.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

2. Tap “Done” to save the changes.

### Configuring Network Settings on the Cloud in Cloud Mode

1. Tap the text box of a parameter and enter new information to change the configuration settings.



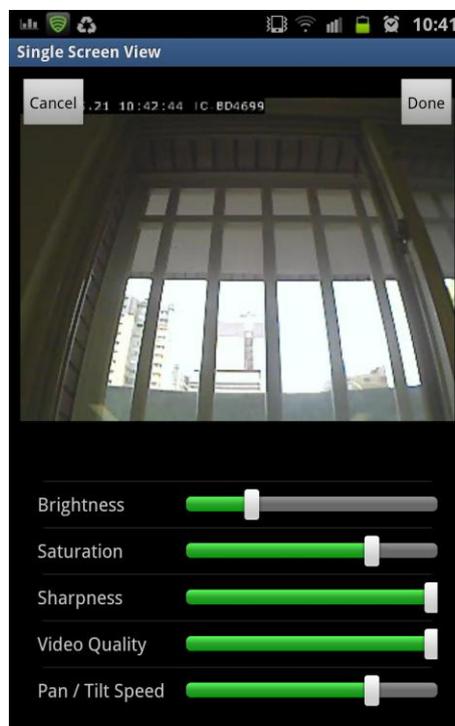
Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
Cloud ID	Enter the Cloud ID of the network camera. The Cloud ID is a twelve character alphanumeric value of the network camera, found on the included Cloud ID card.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

2. Tap “Done” to save the changes.

## Configuring video Display Parameters

To configure the video display parameters of the network camera, do the following:

1. Tap the  button.

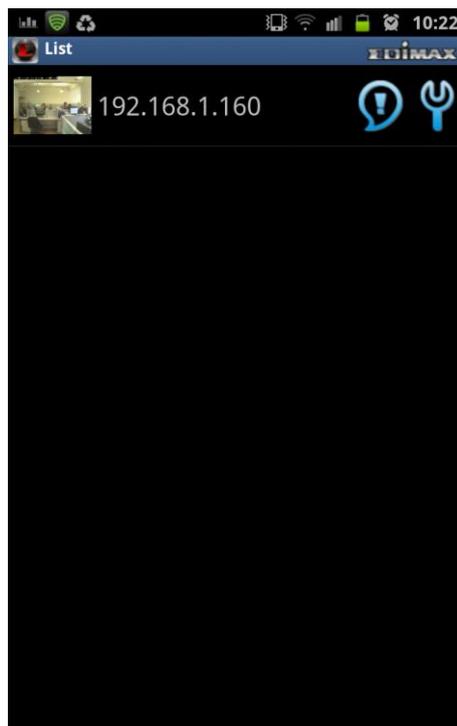


2. Drag the slider bars right or left to configure brightness, saturation, sharpness, video quality, and pan/tilt speed.
3. Tap “Done” to save the changes. Tap “Cancel” to discard the changes.

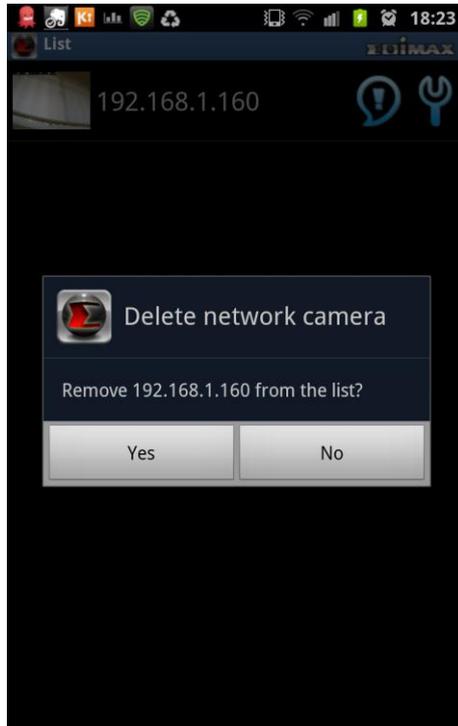
## Removing a Network Camera from the List

To remove a network camera from the list:

1. Tap a camera in the list and hold



2. When the message “Delete Network Camera” appears, remove your finger. Tap “Yes” to remove the network camera from the list. Tap “No” to leave the camera on the list.



### 3.6 Using the Android Surveillance Software

#### 3.6.1 Software Overview

#### Main Menu Buttons

To show the EdiView menu buttons, press the menu button on the Android device. The EdiView menu buttons perform the following functions:

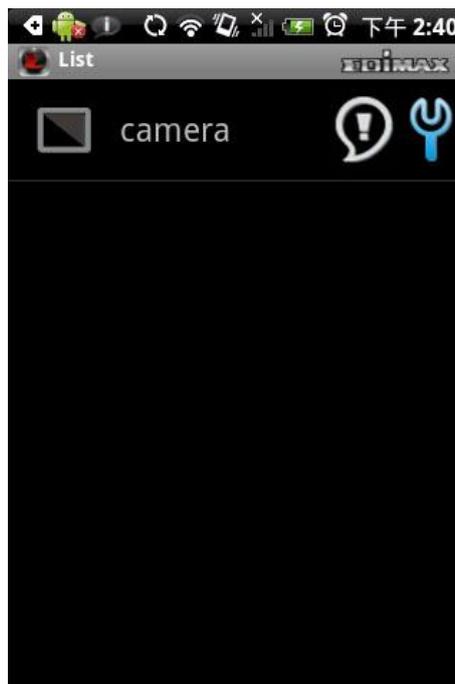
	View live images of the network cameras
	Use Google Maps to locate network cameras
	Add a new network camera to the camera list
	Reload the network camera list

 About	Show information about the EdiView application
---	--

### 3.6.2 Viewing the Camera List

#### Viewing a Live View

If the network camera is connected, you'll see a picture appear. Tap the picture to view the live image.



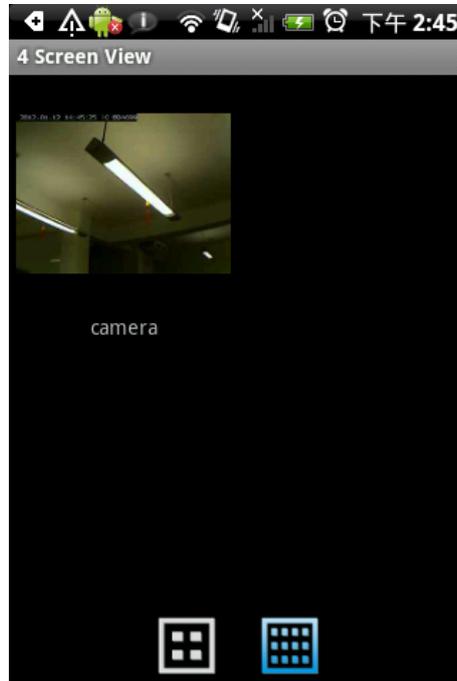
To configure the network camera's parameters, tap the  icon. If there are new events available, tap the  icon.

#### Taking a Snapshot

To take a snapshot of the current live image and save it on your Android device, tap the  button. You'll see a "Save Snapshot" message appear, which indicates a snapshot has been taken.

## Viewing Multiple Cameras

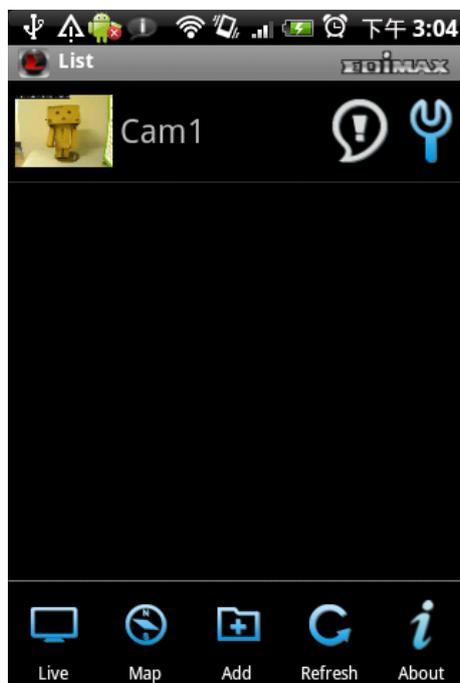
If you have more than one network camera, tap the  icon to see the images of up to four network cameras at the same time.



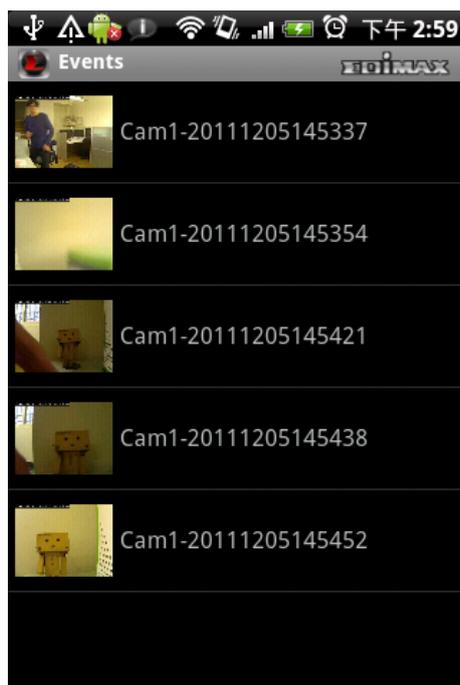
Tap a camera's image to enlarge it. Tap the  button to see up to twelve network cameras at the same time.

## Viewing Camera Events

When a new event, or movement, has been detected by the network camera, the  icon appears in the network camera list. Tap the icon to see the list of events.



All events are displayed along with the time when the event was triggered.



Tap on the event to see an enlarged picture. The image of the event is displayed along with the time it was triggered.



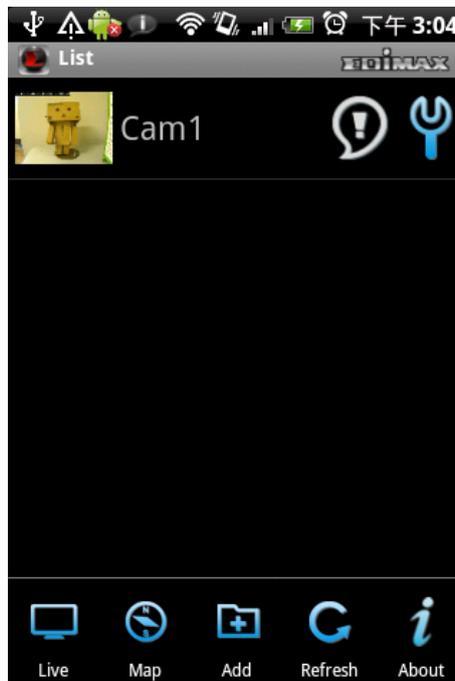
To save a snapshot of this event, tap the  button. The message “Event image saved” indicates that the image has been saved successfully.



### 3.6.3 Mapping a Camera

The mapping feature can be used to mark the location of the network camera on Google Maps. An active Internet connection is required to show the map on the Android device.

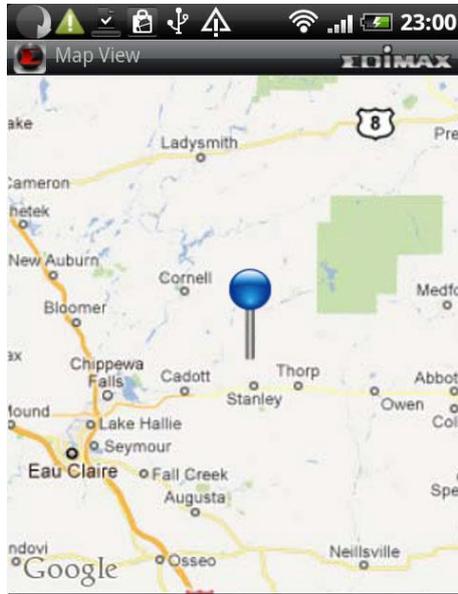
Tap the “Map” button at the bottom of the device to access the map menu.



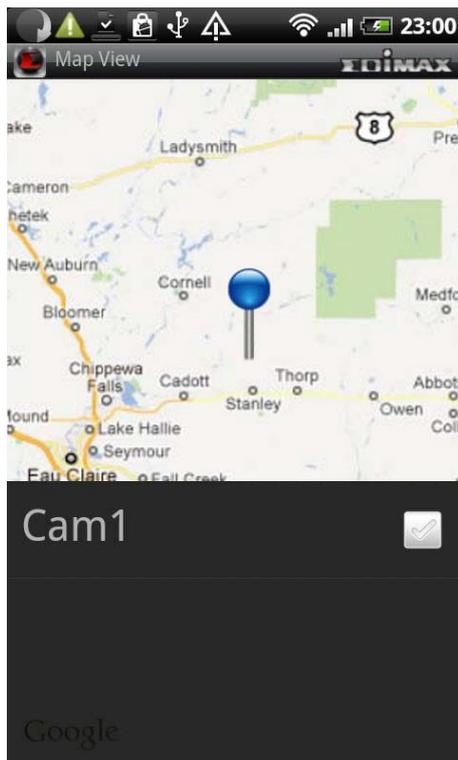
Google Maps is shown on the Android device. It attempts to locate the current location of the camera by GPS and the network.

Note: Using the Android device indoors may hinder the service’s ability to find the device location. To manually find the device’s location, drag a finger over the map in a direction until the desired location is found.

A blue pin is placed at the center of the map to mark the location of the network camera.

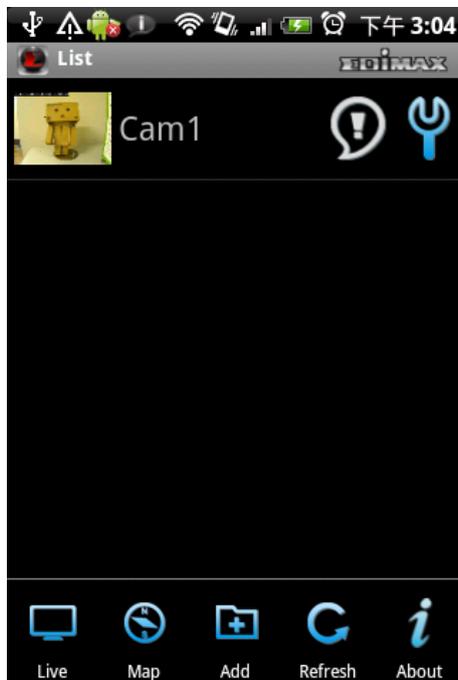


When you find the location where a network camera is installed, press the “Menu” button on your Android device and tap “Locate”. A camera list is shown. Select the network camera you wish to mark on the map.



### 3.6.4 Refreshing the Camera List

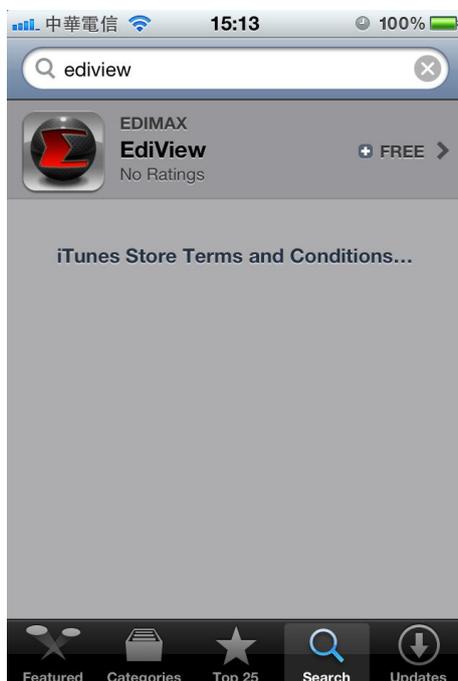
If new cameras are added or removed from the network, scan the network again to update your camera list. To update the cameras displayed in the camera list, tap “Refresh”.



## 3.7 Configuring the iOS Surveillance Software

### 3.7.1 Installing the iOS Surveillance Software

1. Tap “Edimax Ediview” to download and install the application.



2. When the application is successfully installed, the Ediview icon is shown on the screen. Launch Ediview by tapping the Ediview icon.



### 3.7.2 Adding Network Cameras

There are two ways to add a network camera to the camera list:

- Automatically scan and add available cameras located on the network, or
- Manually enter a network camera's information

#### Automatically Adding a Camera

1. When the EdiView application is launched, it automatically searches the LAN for all Edimax network cameras.



2. If a camera is found, it is shown in the camera list.



3. If no camera is found, an empty list is shown. Tap “Add New Camera” to manually add a new network camera.

## Manually Adding a Network Camera on a LAN in IP Mode

Note: Cameras added in IP mode can only be accessed on the local network.

1. Tap the “Cloud/IP Mode” button to set the mode to “IP”.



2. Enter information into the following fields:

Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
IP	Enter the IP address of a network camera.
Port	Enter the port number of the camera.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

3. Tap “Done” to add the camera to the list.

## Manually Adding a Network Camera on the Cloud in Cloud Mode

1. Tap the “Cloud/IP Mode” button to set the mode to “Cloud”.



2. Enter information into the following fields:

Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
ID	Enter the Cloud ID of the network camera. The Cloud ID is a twelve character alphanumeric value of the network camera, found on the included Cloud ID card.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

3. Tap “Done” to add the camera to the list.

### 3.7.3 iOS Surveillance Software Configuration Options

Tap a camera in the list to edit the configuration settings.



### Configuring Network Settings on a LAN in IP Mode

1. Tap the text box of a parameter and enter new information to change the configuration settings.



Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
IP Address	Enter the IP address of a network camera.
Port	Enter the port number of the camera.
Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

2. Tap “Done” to save the changes.

## Configuring Network Settings on the Cloud in Cloud Mode

1. Tap the text box of a parameter and enter new information to change the configuration settings.



Parameter	Description
Camera Name	Define a name for the camera that is shown in the camera list.
Cloud ID	Enter the Cloud ID of the network camera. The Cloud ID is a twelve character alphanumeric value of the network camera, found on the included Cloud ID card.

Username	Enter the username of the network camera. The default value is <b>admin</b> .
Password	Enter the password of the network camera. The default value is <b>1234</b> .

2. Tap “Done” to save the changes.

## Configuring video Display Parameters

1. Tap the parameter and enter the new information to change the video display configuration settings.



Parameter	Description
Brightness	Set the brightness level of the video (1 is darkest and 5 is brightest)
Saturation	Set the saturation level of the video (1 is lowest and 5 is highest)
Sharpness	Set the sharpness level of the video (1 is lowest and 5 is highest)
Video Quality	Set the video quality level of the video (1 is lowest and 5 is highest)
Pan & Tilt Speed	Set the pan and tilt speed level (1 is lowest and 5 is highest)

Note: Use a lower video quality when network bandwidth is low.

2. Tap “Done” to save the changes. Tap “Cancel” to discard the changes.

## Removing a Network Camera from the List

To remove a network camera from the list:

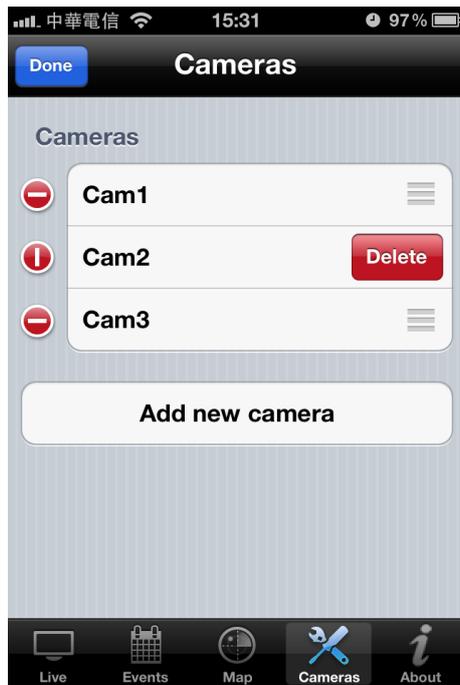
1. Tap “Edit”.



2. Tap  to remove the selected camera.



3. Tap “Delete” to remove the network camera from the list.



## 3.8 Using the iOS Surveillance Software

### 3.8.1 Software Overview

#### Main Menu Buttons

To show the EdiView menu buttons, press the menu button on the iOS device. The EdiView menu buttons perform the following functions:

 <b>Live</b>	View live images of the network cameras
 <b>Events</b>	View a list of events, or movements, for a network camera
 <b>Map</b>	Use Google Maps to locate a network camera

 <p>Cameras</p>	<p>Show a list of available network cameras, or add a new network camera to the list.</p>
 <p>About</p>	<p>Show information about the EdiView application</p>

### 3.8.2 Viewing the Camera List

#### Viewing Multiple Camera Live Views

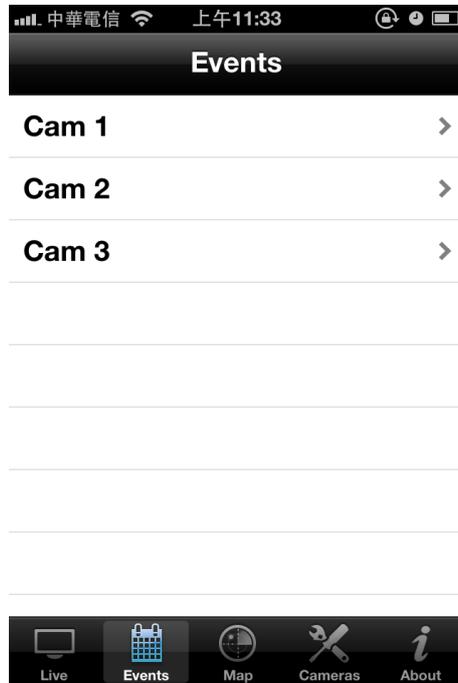
Tap the  button on the upper left corner of the screen to cycle between one, four, and twelve camera live views.



### 3.8.3 Viewing Camera Events

#### Viewing an Event Image

To view events, which are motions detected by the network camera, tap the “Events” button.



Select a network camera to show an event list.



Tap an event to see an enlarged image.



### 3.8.4 Mapping a Camera

The mapping feature can be used to mark the location of the network camera on Google Maps. An active Internet connection is required to show the map on the iOS device.

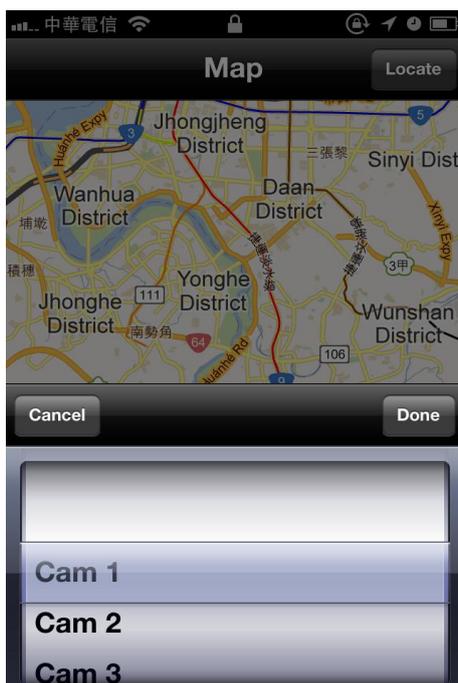
Tap the “Map” button at the bottom of the device to access the map menu.



Google Maps is shown on the iOS device. It attempts to locate the current location of the camera by GPS and the network.

Note: Using the iOS device indoors may hinder the service's ability to find the device location. To manually find the device's location, drag a finger over the map in a direction until the desired location is found.

A red pin is placed at the center of the map to mark the location of the network camera.



When you find the location where a network camera is installed, tap the "Locate" button at the upper-right corner of your iOS device, and a camera list will be shown.

Select the network camera you wish to mark on the map, and tap "Done" when done.

## *Appendix A*

### **Troubleshooting**

Please don't panic when you found this IP Camera is not working properly. Before you send this IP Camera back to us, you can do some simple checks to save your time:

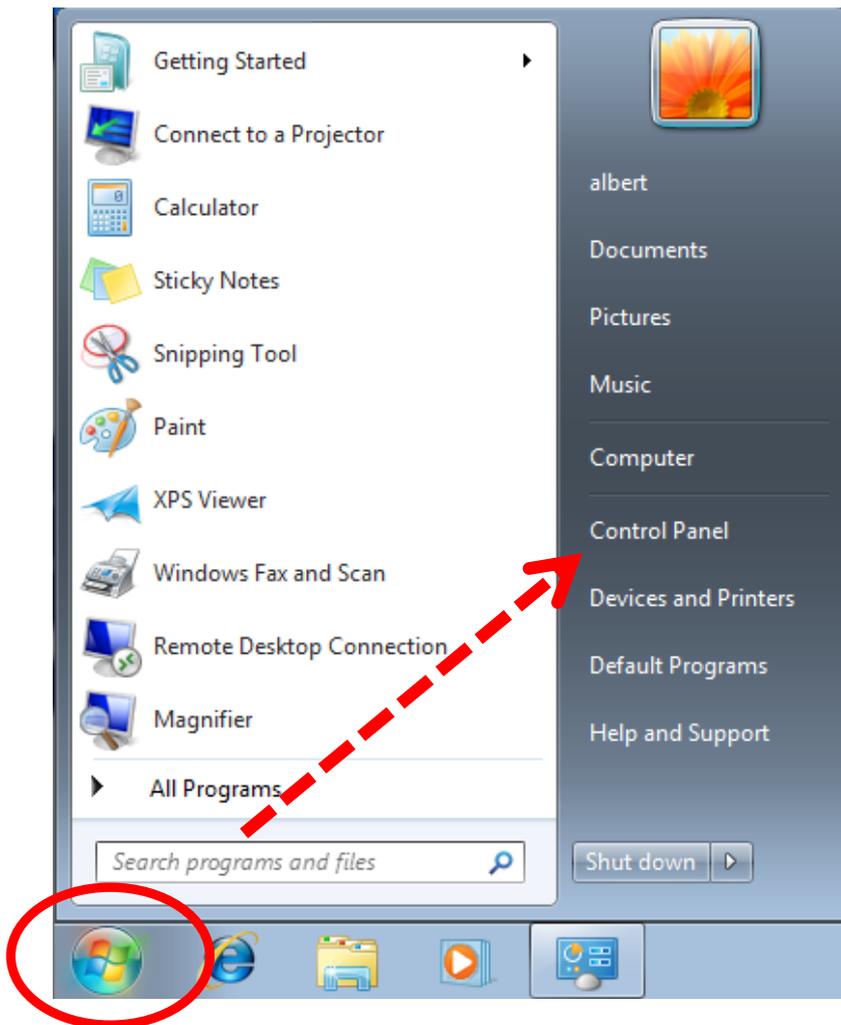
Problem description	Possible solution(s)
Can't connect to IP Camera	<ol style="list-style-type: none"><li>1) Please check the IP address of IP Camera again.</li><li>2) Please make sure the network cable is correctly connected to your local area network.</li><li>3) Please make sure power cable is correctly connected to IP Camera.</li><li>4) Please make sure IP Camera is switched on (the LED lights on IP Camera will light up), if LED lights are not switched off by configuration menu (System -&gt; Basic -&gt; LED light).</li></ol>
No IP Camera found	<ol style="list-style-type: none"><li>1) 'Auto search' function only works on IP Cameras located on local area network.</li></ol>
No image	<ol style="list-style-type: none"><li>1) If the place where IP camera is installed is too dark, try to add some lights when possible.</li><li>2) Check if there's anything covering the lens.</li></ol>

## Appendix B

This IP camera's default IP address is 192.168.2.3, and you must use a computer that uses 192.168.2.x IP address to connect to it.

Please follow the following instructions to setup your computer's IP address:

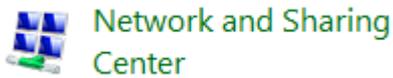
1. Please click 'Start' button and then click 'Control Panel'.



2. Click 'View network status and tasks' under 'Network and Internet'



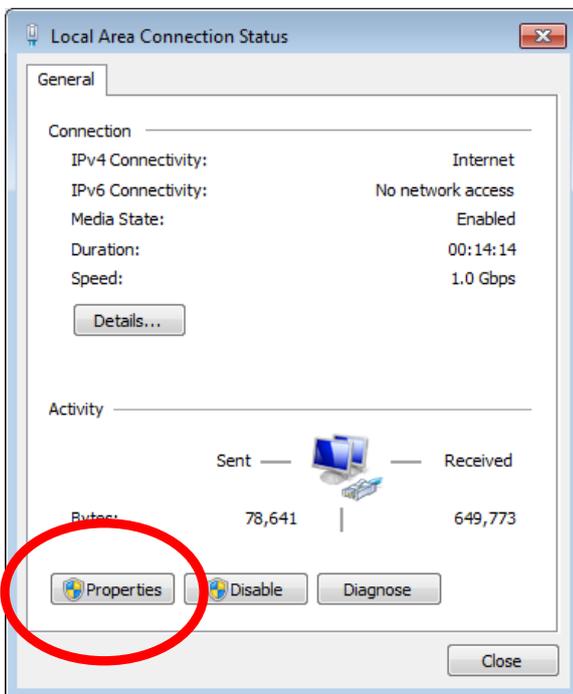
3. If you didn't see 'Network and Internet' in control panel, please look for 'Network and Sharing Center' icon and double-click it.



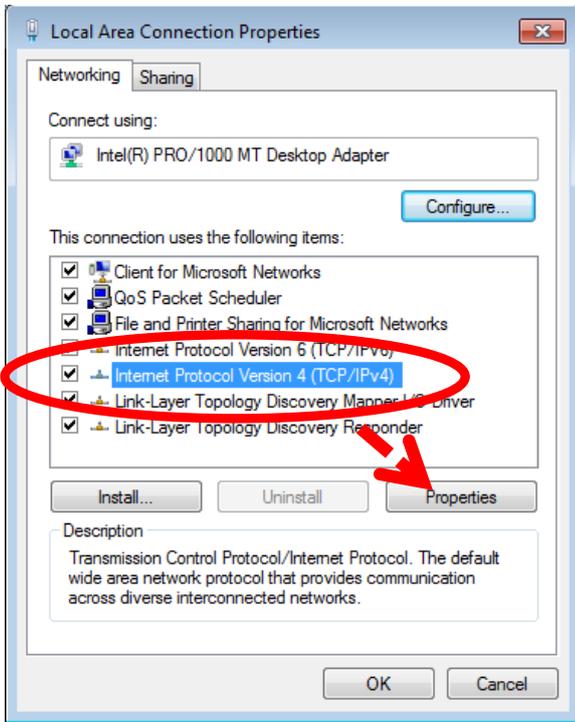
4. Click 'Local Area Connection'



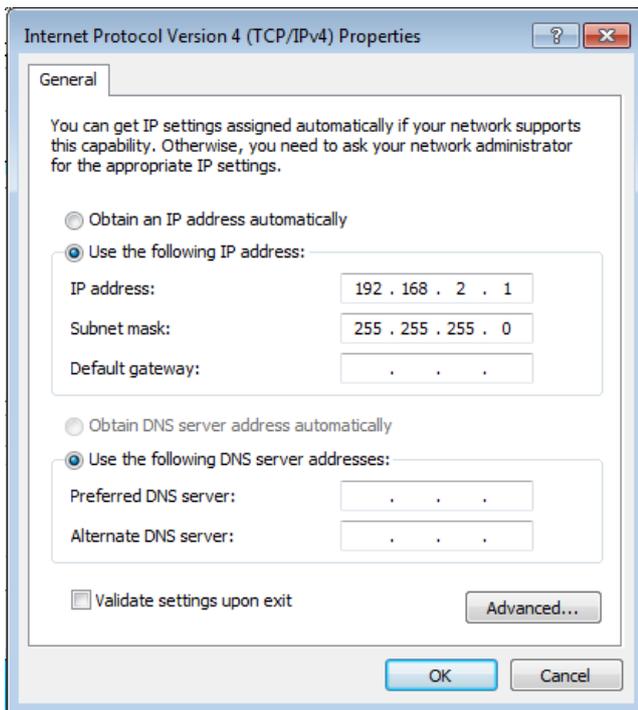
5. Click 'Properties'



6. Click 'Internet Protocol Version 4 (TCP/IPv4)', and then click 'Properties'



7. Click 'Use the following IP address', and then input '192.168.2.1' in 'IP address' and '255.255.255.0' in Subnet mask', just like shown on the left. Click 'OK' when finish, and close all open windows you opened



## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

### FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

### Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

### Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

### Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

### EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

### EU Countries Not Intended for Use

None

# Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European R&TTE directive (2006/95/EC).

**Equipment :** 1.3Mpx Wireless Network Camera  
**Model No. :** IC-3115W  
**Report No. :** EA161515 EH161515 ER161515AC ER161515AI  
L161515L356

The following European standards for essential requirements have been followed:

**EN 50385:2002**  
**EN 301 489-1 V1.8.1 (2008-04)**  
**EN 301 489-17 V2.1.1 (2009-05)**  
**ETSI EN 300 328 V1.7.1 (2006-10)**  
**IEC 60950-1: 2005 (2<sup>nd</sup> Edition)**  
**EN 60950-1: 2006+A11:2009**

Edimax Technology Co., Ltd.  
No. 3, Wu-Chuan 3rd Road,  
Wu-Gu Industrial Area  
New Taipei City 248, Taiwan (R.O.C)



Date of Signature : Oct, 2011  
Signature :   
Printed Name : Albert Chang  
Title : Director  
Edimax Technology Co., Ltd.

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- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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