IP Kamera 9060A -SL

User Guide

IP Kamera 9060A-SL

Manual version: 1.03

Date: 2008.05

Caution:

Any changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for FCC and CE. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in commercial environment.

Important Notice:

1. IP Kamera 9060A-SL is for indoor use. Note that the CMOS lens can be damaged permanently if the camera lens is exposed directly to sunlight. (We will not hold any responsibility if CMOS lens is damaged by sunlight)

2. IP Kamera 9060A-SL is not water proof. Therefore we will not hold any damage responsibility if the camera is used under raining condition.

3. Be sure to use the DC adapter that is provided by your dealer. We will not hold any responsibly if wrong DC adapter is in use.

4. Be caution in handling IP Kamera 9060A-SL for physical shocks may occur serious damage.

5. If IP Kamera 9060A-SL does not operate properly, please contact your local dealer for after sale service. In all cases, you are prohibited to disassemble the product. If so, We does not hold any responsibility for mal-function nor service warranty.

Table of Contents

1. Product Overview

Use latest high sensitivity Sensor, 9060A Plus only need little light for clear video which can be use for lower light source like monitor the road at night ..

IP Kamera 9060A-SL is an IP camera that has a embed web server. This camera can put up live image on-line and make immediately remote accessible through standard web browsers. By simply plugging 9060A-SL into Internet IP Kamera 9060A-SL, Users can observe from any where in the world.

FEATURES

1. Embedded Web Server -No needs PC for camera.
2. 10/100Mbps Fast Ethernet Network   Access (RJ45 Jack).
3. **High sensitivity Sensor for low illumination .**
4. **Control LED Light turn ON & OFF**
5. **Timer Schedule : for SNAP & Motion detection**
6. **Block appointed IP : limit entrance IP address**
7. Resolution -True 640x480, 320x240, 160x120,
8. Support Network Protocol   - HTTP, TCP/IP, DDNS, DHCP, and PPPoE.
9. Popular Browser by Internet – Internet Explore
10. Quality & Color Setup : Brightness, Contrast, Hue, Saturation and Sharpness
11. Video Capture - Save as Pictures (.JPG) / **Movie (. AVI or . WMV)**
12. Snapshot as pictures. (.JPG)
13. Motion detection :
    * Detect appointed area – support detect 2 position.
    * E-Mail the Detected Images to preset e-Mail address.
    * Send the Detected Images to preset FTP server.
    * Wide Sensitivity Level setting   (99 degree)   .
14. Reset all setting to default.
15. Supply Exclusive **IP Service** for easily find on Internet by name
16. Add **6 general user** for access and see the video only.
17. Enable / Disable the authorization to login.

2.Physical Description

BOX CONTENT

IP Kamera package content

■ 1 x IP Kamera 9060A-SL

1 x RJ 45 internet line

■ 1 xTansformer,110~240.
■ 1 x CD
■ 1 x Quick Installation Guide

System Requirement

■ Intel Pentium3 and above or relevant AMD CPU
■ Any system can use IE (Internet Explore) like Windows 98 / SE / 2000 / ME / XP,
■ 64MB memory or above.
■ VGA Card support Hi - Colors and above and direct draw
■ Suggest Internet Hub
■ Ethernet network
■ Internet : one set of IP provided by your ISP

3. Interface Description

Front Panel :

1. Power indicator (LED)
2. Lens (CMOS)

Rear Panel :

1. **Reset Switch**
   (Left: Normal Mode
   Right: Reset Mode)
2. **DC Power: 5V, 1.0A**
3. **Microphone In**
4. **RJ 45 (Cat5 Network)**

Notice

* Please use Microphone for Audio In

* Reset ON/OFF: please turn to ON for 5-10 seconds and then turn back to OFF to
  Finish reset:
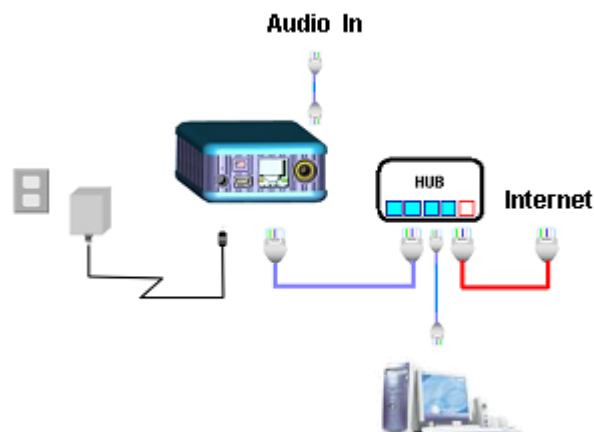 OFF→ ON (Wait for 5 Second) → OFF.

4. Installation

Before installation:

Before using IP Kamera 9000A-SL, check as follows.
- Confirm your package contents
- Prepare a computer connected to your LAN
- Electricity 110 ~ 240 V

Hardware installation

1. Plug in RJ 45 line to connect 9060A-SL with HUB.
2. Connect the HUB into your modem.
3. Connect 9060A-SL power.
4. Turn your computer on:

Software installation

Please follow the steps below to install the software.
1. Insert the CD that came in the package and windows will auto-run. If not please browse for the Autorun.html file in CD.

.
2. Click **IP KamVid 1070** in driver of CD and click OPEN top install the driver procedure.

3. Please follow the installation wizard and install all the recommended programs.
4. After installation is complete, a shortcut of "IPEDIT" & "INFINITY Cam" will be created on the Desktop and in program list of start of your computer

NOTE:
* For NEW function – TO Record in "WMV" format, install **IP KamVid 1070.**
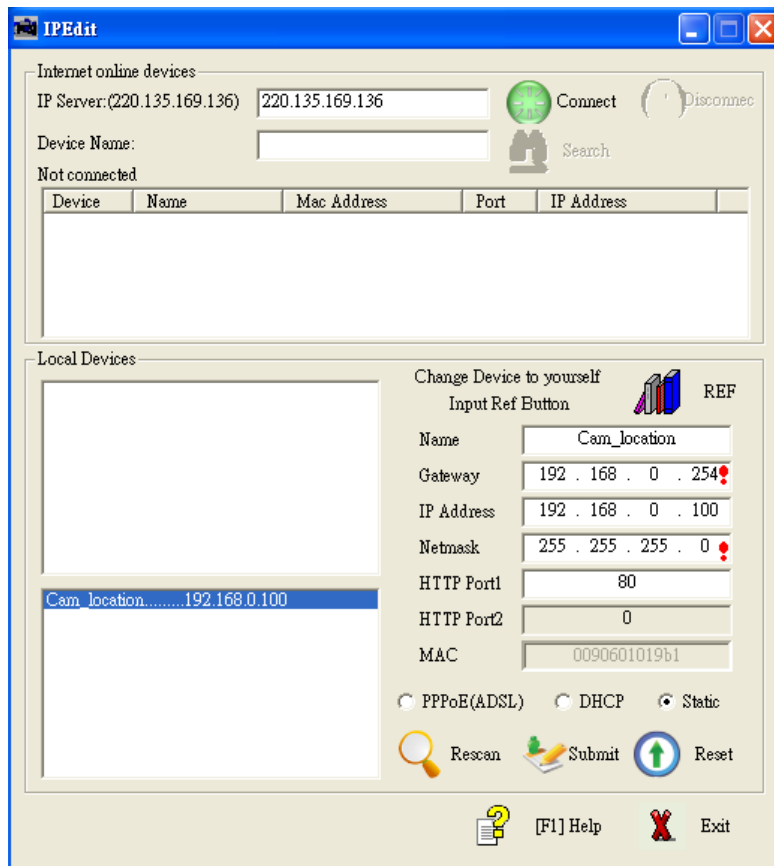
5. Initialization

1. Add IP Service in IPEDIT

Open "**IPEdit.exe**". Make sure that the IP Kamera 9060A-SL
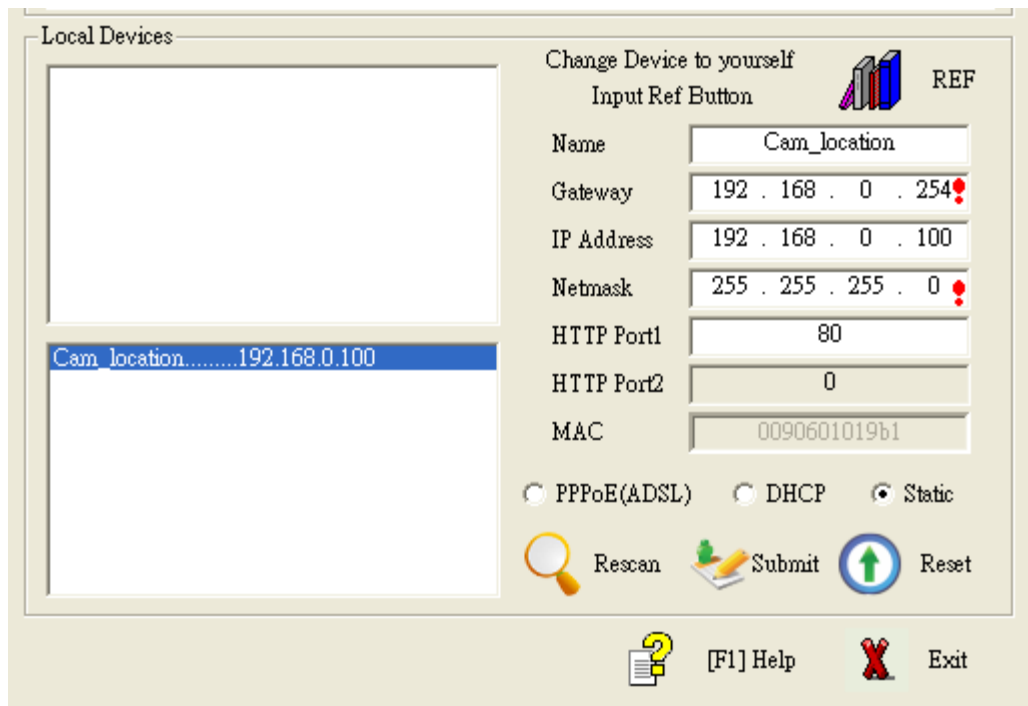is properly turned on and there is a Ethernet connection
from the RJ45 cable.

In the local devices section of IPEdit all products under the same subnet network will appear.
Please refer to (Figure 1.1) below:

(Figure 1.1 IPEDIT)

A. Local Devices area:

(Fig 1.2 Local Devices)

IPEDIT will search and display all IP Products 9XXX series under the same local Ethernet. The default name for the IP Power 9060A-MP is "**Cam_location**" Please refer to (Fig. 1.2 above).

1. Double click and highlight your IP Power 9060A-MP device. The default device name and IP/Network settings will all be displayed on the right hand side of IPedit.

Make sure that the IP Address of your 9060A-MP is setup on the same subnet network as your PC's (Subnet mask, Gateway)

* **Represents that your 9060A-MP does not match the gateway of your router**.

(E.g If the Default Gateway of your computer is 192.168.1.1 The IP Address of your 9060A-MP will need to be set up to 192.168.1.XXX.)

2a. **Automatically Detect Network settings** (Please go to 2b. for steps on how to manually enter network settings)

a.) Click on the REF button to the right of IPEdit
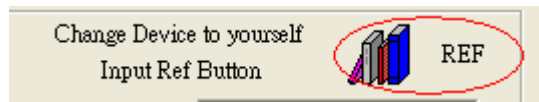
b.) Please wait a few seconds while IPEdit detects your network settings. Then click the Apply button to apply the new network settings
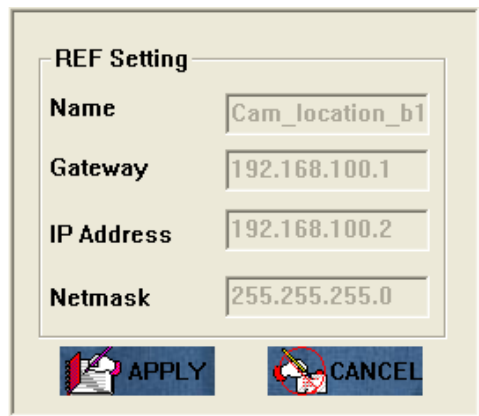
2b. **Manually enter network settings In Ipedit:**

a.) You can manually enter the networks settings for the following:

    The name: (please use numbers or letter)
    Gateway IP: (The default gateways IP can be found using
    IP Address: (please set in the same subnet as your PC) in the text windows.

b.)   Then click **Submit** after the settings have been selected. Wait about 20 seconds for the new settings to be updated.

c.)   Click **Rescan,** and the new device settings will display in text window.
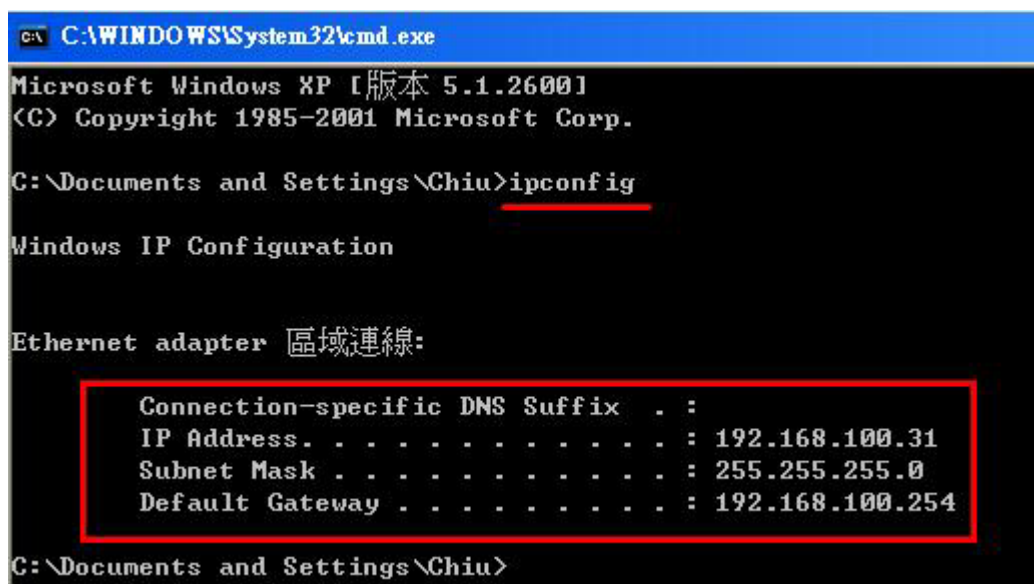
Note:

1.) Make sure the RJ45 network cable is connected and the 9060A-MP is powered on.

2.) * The default IP address of the 9060A-MP is **192.168.0.100**. If you cannot get into the webpage of the 9060A-MP, please make sure to set subnet of the IP Kamera 9060A-MP to match with your PC Subnet Mask.

To obtain the IP information manually:

In Windows Go to:

a.) Start → Run→   type in "cmd"→ Hit enter and the MS –DOS window will open,

b.) Now type in "ipconfig"


```
C:\WINDOWS\System32\cmd.exe

Microsoft Windows XP [版本 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Chiu>ipconfig

Windows IP Configuration

Ethernet adapter 區域連線:

        Connection-specific DNS Suffix  . :
        IP Address. . . . . . . . . . . . : 192.168.100.31
        Subnet Mask . . . . . . . . . . . : 255.255.255.0
        Default Gateway . . . . . . . . . : 192.168.100.254

C:\Documents and Settings\Chiu>
```

The last set of numbers of the IP address can be any number between 1~254, but cannot be same as your PC, hub, router or any device in the network. If using in any PC, just use HUB and type the 192.168.0.100 in Browser or use "IPDdit.exe " then you can get in the web page.

* Same **SUBNET**:   The first 3 sections of IP address is same - XXX.XXX.XXX.abc.   The part of XXX must be the same.
(E.g. IP address is **192.168.1**.100,   then another IP address **192.168.1**.123 is the IP in same subnet.)

5 .The default username and password of IP Kamera 9060A-SL are:

> **Username: admin**
> **Password: 12345678**

NOTE:

1. DirectX will register automatically after IP Kamera 9060A-MP had been installed on your PC. This will allow the 9060 to be used as a local camera by any software that supports DirectX. Software's like MSN, Amcap, Media encoder, and Yahoo Messenger. If you change the IP Kamera 9060A-MP's driver directory path this will

2. For those software that only supported old VFM driver, such as Vidcap and net meeting, please click **install VFM device**, This will allow you to capture images from your IP Kamera 9060A-MP (make sure that you are the administrator when installing the drivers)

3. For those not totally compatible with VFM, such as QQ and POPO, you should click **remove device** button first, then click **install VFM device**,

4. **Note**: When logging into the web page of the 9060A-MP and there seems to be no response, you might see a message that says **"Cookie time out"**,

You will need to clear the cache on your internet explorer so that the device will work properly.

How to clear the cache:

Internet Explorer 6
All those files stored in your cache take up space, so from time to time, you may want to clear out the files stored in your cache to free up some space on your computer. This is called clearing the cache.

To clear your cache:

1.On the Internet Explorer 6 **Tools menu**, click **Internet Options**. The Internet Options box should open to the General tab.

2.On the General tab, in the **Temporary Internet Files** section, click the **Delete Files button and delete cookies**. This will delete all the files that are currently stored in your cache.
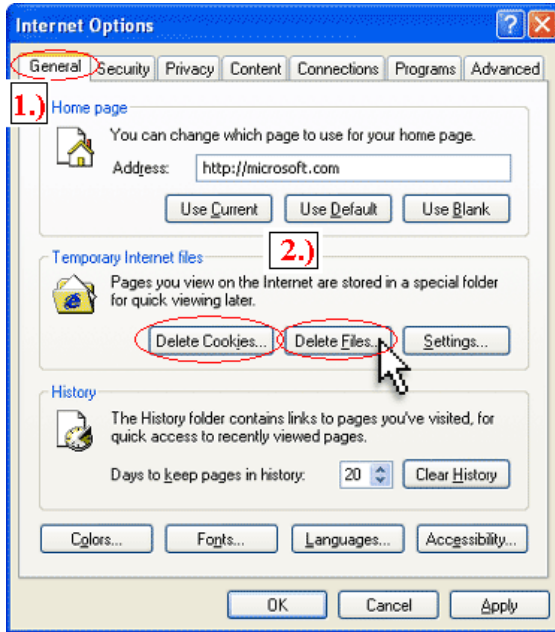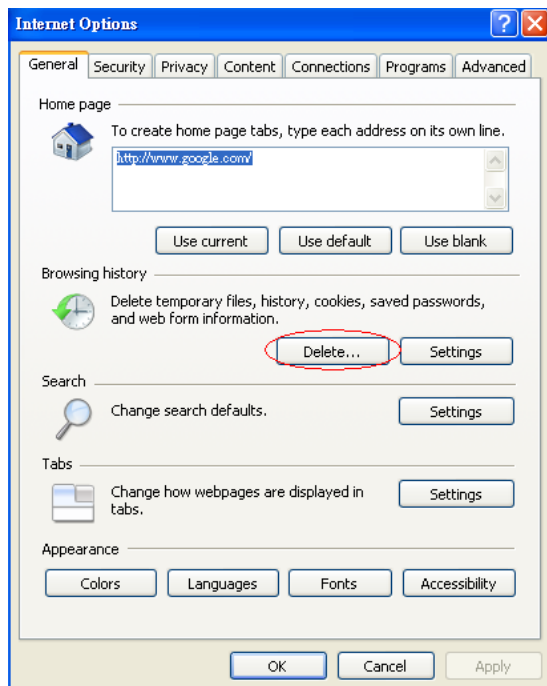
Internet Explorer 7

1.) Open Internet Explorer

2.) At the top of the screen, click on **Tools** and select **Internet Options**
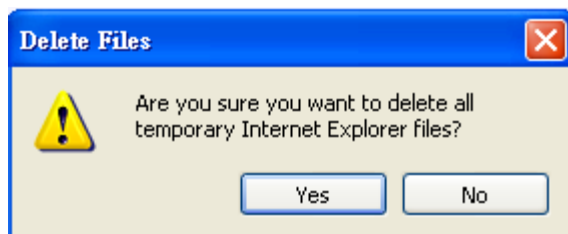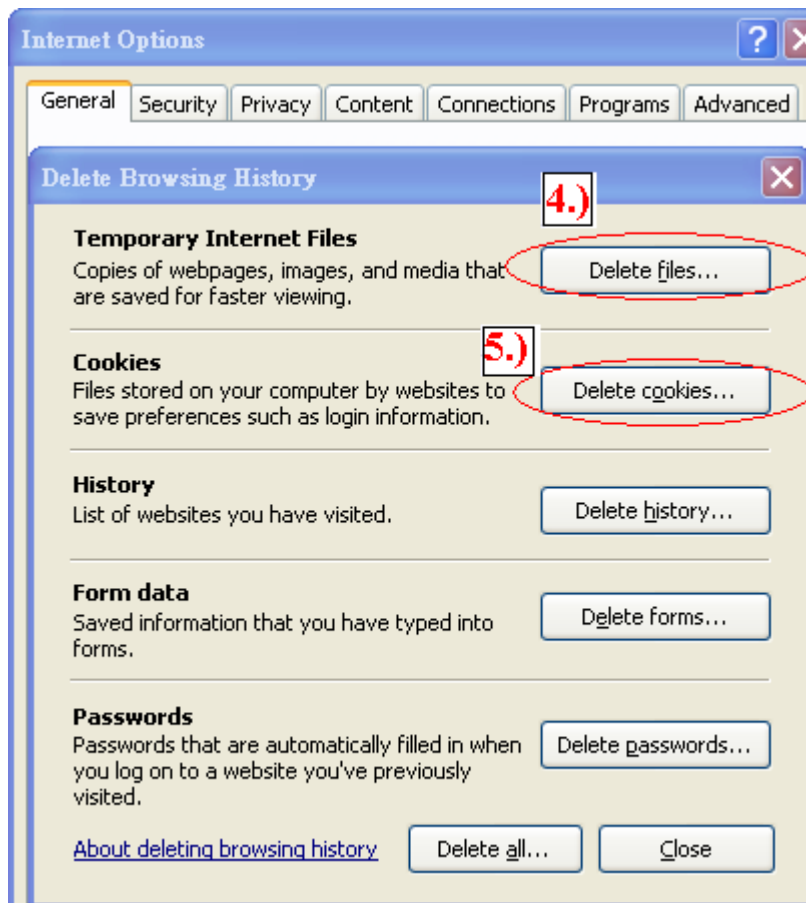
Figure 1.1

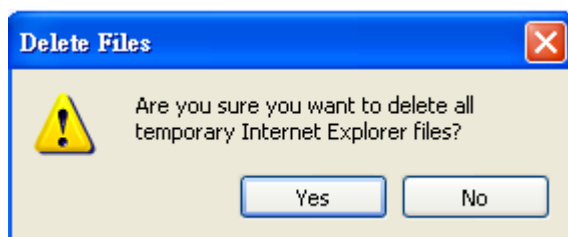3.) Under the **Browsing history section**. Click on **Delete**. (Fig. 1.1)

4.) Under the **tempoary internet section** hit the **delete** button, then select yes (figure 1.2.)
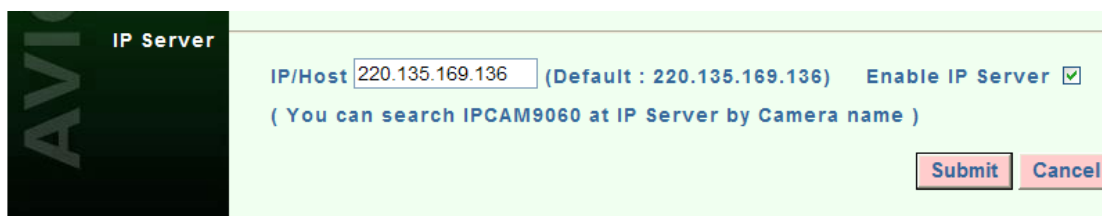
Figure 1.2

5.) Under the **Cookies section** hit the **delete** button, then select yes (figure 1.2)

B. Internet online devices:

By setting the server address in IP server of advanced setting page, you can easily to get the IP address of IR IP Kamera 9060A-MP on internet just by searching for the name of your device. The default IP address for the IP server is **220.135.169.136**.

The configurations for IP Server can be found under the **advance setup** tab.
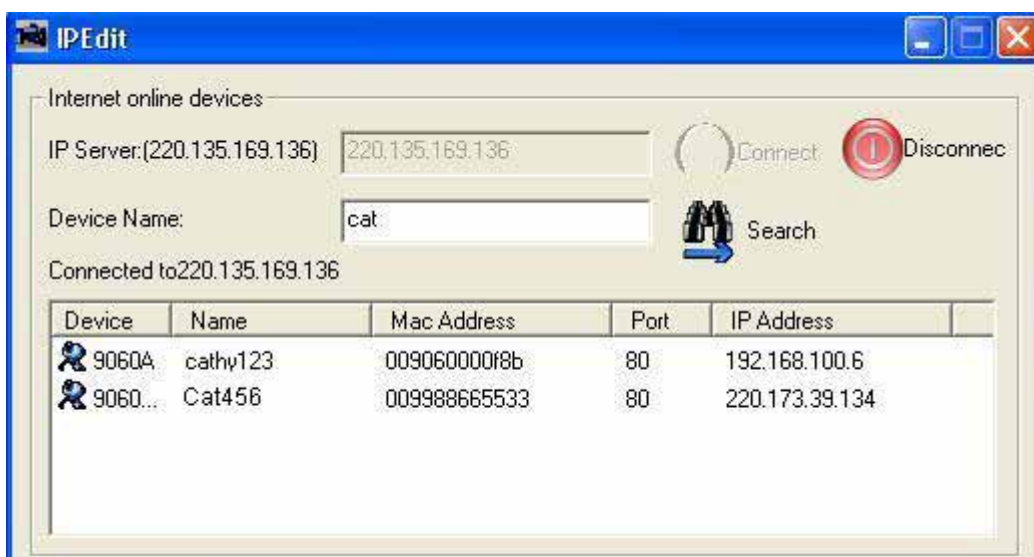
Step1: Click the green "**connect**" button

Step2: Type the keyword in "Device name" (Minimum of 3 characters)

Step3: Press Search button.

Note:

# Work with Yahoo /MSN Messenger

To use your camera with **Yahoo** or **MSN Messenger**:
1.   In this case we are using Yahoo Messenger.
2.   Select the friend you would like to send your video. In the picture below, we have decided to share the camera with our friend **Yahoo Helper**.
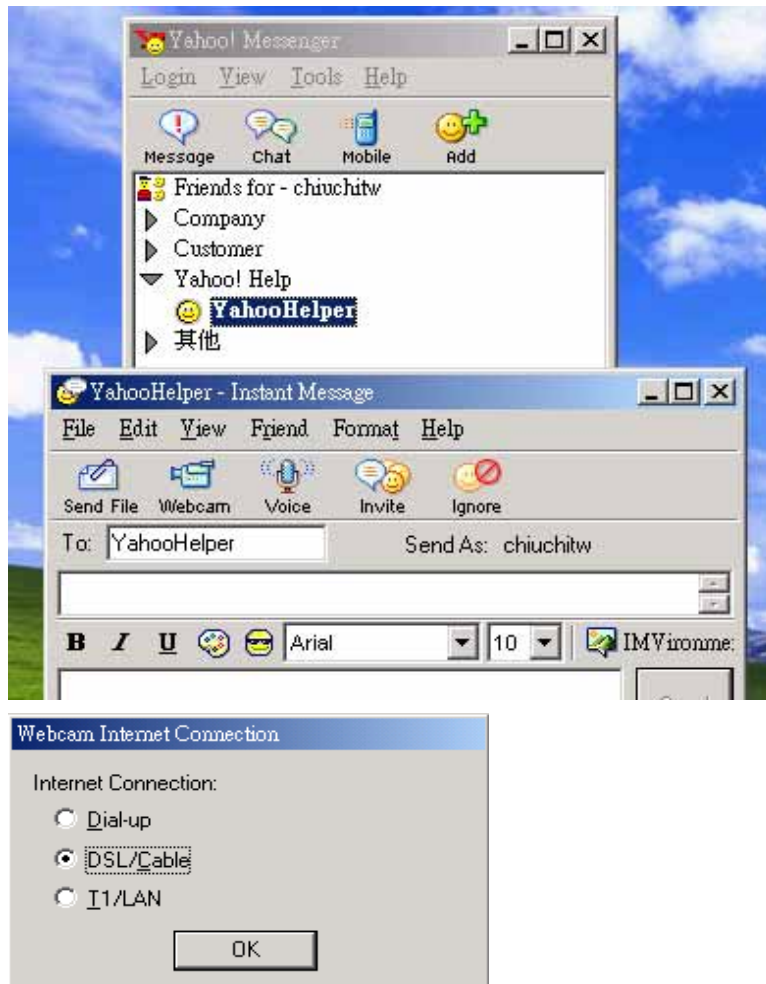
2.   Choose T1/E1 when system ask you about the Internet connecting speed.

3. Then My WEBCAM will pop up. Please go to "file " → "Preference" → "Camera Setting" to select your prefer video parameter.
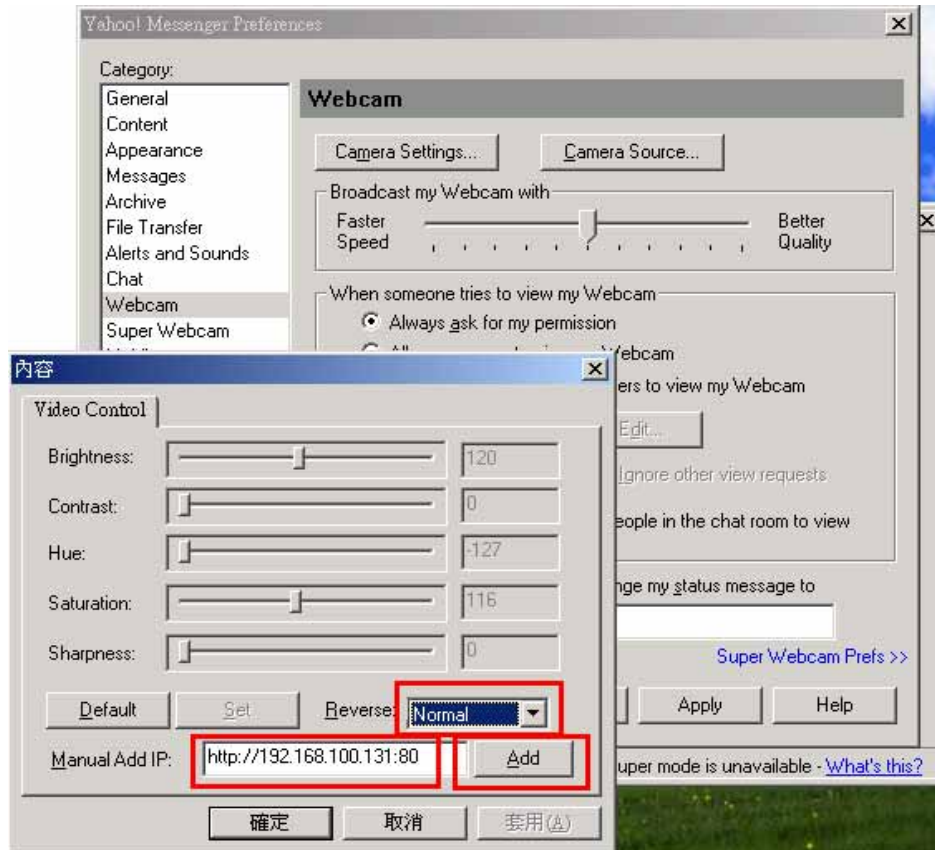
4. You can type in appointed IP address (No matter Real IP or Dynamic IP) and confirm by clicking "Add" and choose if reverse the out streaming video.

We support: A. Normal   B. Flip Vertical   C. Flip Horizontal   D. Rotate 180
And you can also adjust the color, Brightness, contrast, Hue, Saturation, Sharpness and ETC.

Note
1 : For safety issues , when transfering video by Yahoo or MSN, only the Administrator is allowed to stream video. You have to type in the username and password.
2 : Using Yahoo or MSN messenger, streaming speed is dependent on Yahoo or MSN messenger's servers.

6. WEBPAGE FUNCTIONS

When you have configured your computers configured IP address, you can finish setting through IE browser. Click the picture in the window of **IPEdit** directly; you can open the web page of IP9060A-MP.

Login setting

General user: Default general ID is **guest,**
              Password is **password.**

Administrator: Default administrator ID is **admin**,
               Password is **12345678**.

*Note: Login and Password each cannot exceed 15 Characters.

If you forgot your password and need to reset the device back to manufacturer default:

1.) Please set the Reset switch to "**Reset Mode: Right**"

2.) Wait for 10 seconds.

3.) Turn the reset switch back to **Normal Mode: Left**

*Please refer to the picture on page 5 if you have questions.

LiveView setting

After a few minutes, you will see the video of the IR IP Kamera 9060A-MP. If your system asks you to download ActiveX please select **YES and download**

Only the Administrator can access the settings in the configuration tab located on the top of the window. (Including settings like: **Administration**, **Update**, and **etc**)

Image Setting

Setting windows is located on the left hand side. It is used to set up image parameter.

1. Resolution

You can choose a resolution that fits your needs on the basis of your network condition and requirements

2. Picture Quality

The pictures are compressed to JPEG format, which allows the users to be able to choose different quality levels on the basis of your net transfer capacity.

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3. Anti-Flicker

The Anti-Flicker can be adjusted to three different levels of your video streaming quality.

Depending on the location of your camera you can pick from

Indoor 50hz AC illumination

Indoor 60hz illumination

Outdoor

Note: Please do select "outdoor" to view a outdoor scene or during the daytime. If the IP Kamera, 9060A-SL gets too much light the picture will be too bright.

4. Audio

In default mode the audio is normally closed, but this option allows the user to turn it on.

5. LED light

The LED light can be turned on and off

Static Image capture

Pressing **Ctrl** on keyboard, then **left click mouse** on the image windows, the image will have a flash during capture, Users can view the image on the directory C:\tmp\webcam .

Advanced setting

Advanced menu will be displayed when you right click mouse on the image window. From here you can set up the **image**, **record AVI**, **record WMV**, **zoom**, **motion detect**, **splits**, **rotate**, **set time**, and set the directory of your pictures path. The functions can be set in other web page of IR IP Kamera 9060A-MP.

1. Image parameter setting

Right click on the picture screen and select "**image**". From here the user can adjust the **brightness**, **contrast**, **saturation**, **sharpness**, **smoothness** and **Awb**(Auto White Balance). Select "rotate" will turn the position of the image. Select "reset" will back to default setting.
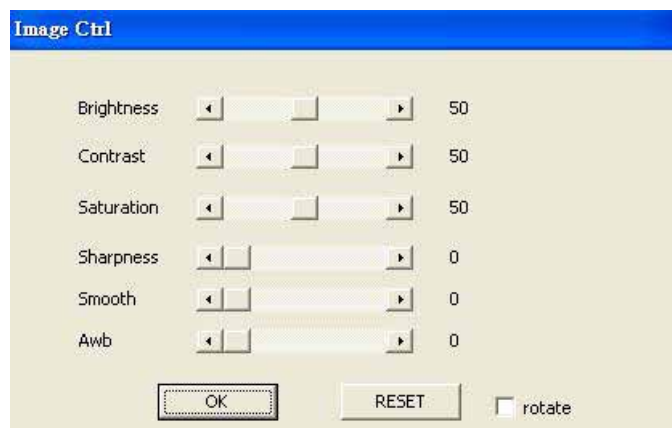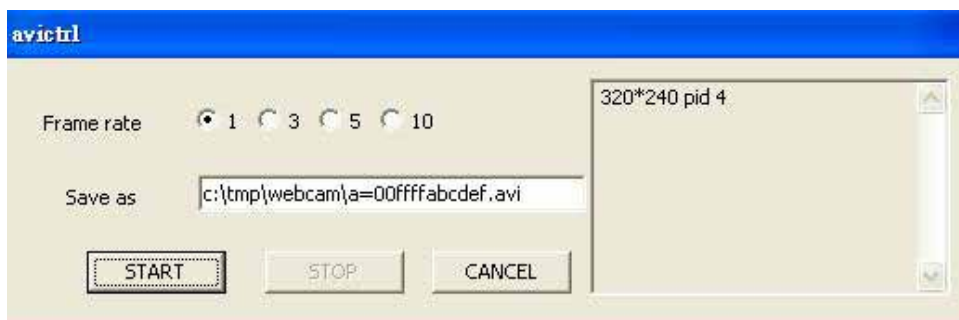
2. Record image : Support AVI & WMV format

2-1 Record AVI file

Right click on the motion image, choose "**record AVI** " which will open the corresponding window. Here the user can adjust the settings parameter of **AVI Frame Rate**, **file name** and **directory**. Please do type in full file name, for instance " C**:\tmp\1230-10.avi** ". The resolution setting decides the resolution of AVI file.

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2-2 **Record WMV:**

Right click on the motion image, choose "**record WMV**" which will open corresponding windows. Users can adjust the setting Frame Rate (from1~20), file name and directory. Please do type in full file name, for instance " C**:\tmp\123456.wmv** " or Choose "Browser " to select direction, fill the file name and then click "Save"

22
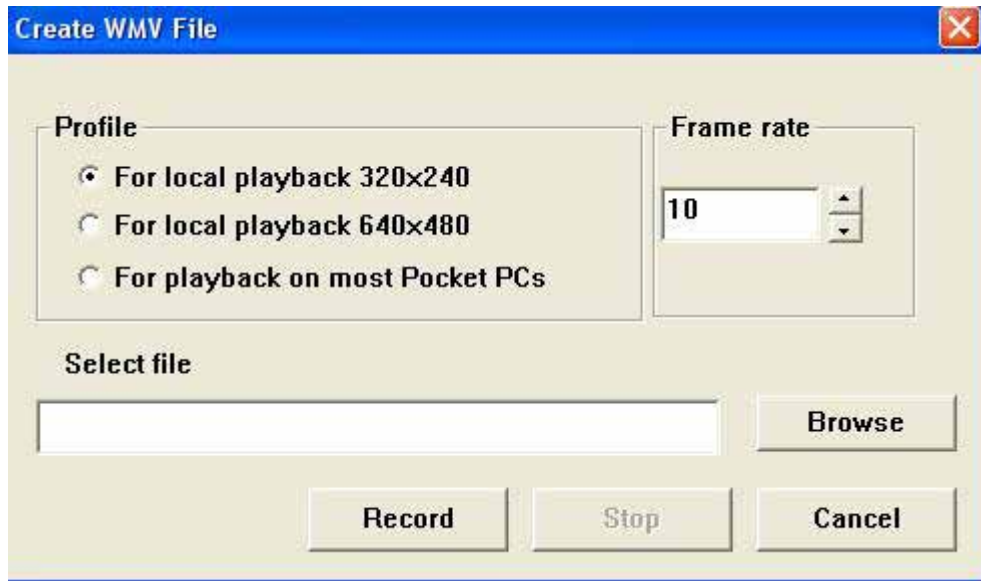
If you select

For local playback: The recorded file will be larger. You can select from two separate resolution sizes 320 x 240 or 640 x 480

For playback on most pocket PCs: The recorded file will by smaller.

3. Zoom

Right click mouse on the motion image and choose "**zoom**".

■ Draw a frame around the selected image where you would like to zoom.

■ Release the mouse button and the picture will zoom in to the area that you have selected. Right click on the mouse to go back to your original view.

4. Motion detection

In this settings, you can enable Motion detection function. Motion detection can send a picture to a PC, send an email, or upload to a FTP site when motion is detected. The resolution of the pictures that is taken corresponds to the resolution that you have set on your screen. .

The Motion detection settings allows the user to setup a trigger so that if movement is detected in a certain area of the view, the 9060A-MP will take a picture
1. **Area 1 is red frame**: If movement is triggered in Area 1, the words "MD1 Warning!" will appear on the screen
2. **Area 2 is green frame**: If movement is triggered in Area 2, the words "MD2 Warning!" will appear on the screen!

You can adjust the Motion Detection sensitivity and area by right clicking on the live view. Motion Detect Sensitivity Range: (1~99), default is 15, The lower the value the more sensitive the motion detection is.

Note: Resolution is 640x480 can select anyplace as trigger scope of image.
            Resolution is 320x240 can select anyplace as trigger scope of image.
            Resolution is 160x120 select all image as trigger scope.

Network setting

In this menu you can setup or change the method your IP Cam is connected. There are 3 different choices that you can use:

A.   STATIC: Works in both real and dynamic IP address.

B.   DHCP: The IP address is distributed by an DHCP Server.

C.   PPPOE: Directly connects through the connection provided by the ISP.

A. To Setup a STATIC mode, please follow the following steps:

The IP address of IP camera 9060A-SL should be located in the same subnet as your PC. The Subnet Mask and default gateway must also be the same as the 9060A-SL.

For example, the default IP address of 9060A-SL is 192.168.0.100,

1. Type in the new IP address, Submask, Gateway in the relevant text windows.

2. Press submit key.

3. Press reboot key, waiting for 20sec 9060 will change to new IP.

* Dynamic static IP address work in Ethernet:

Notice: Changing dynamic IP address have to be same segment with your PC. Please refer page 9 to get PC network information.

* Real static IP address work in Internet:

:

B. Set up DHCP mode, steps:

1. Click DHCP, and then click "Submit"

2. Click "Reboot", its need to wait for 15-20 seconds to enable again.

3. Use Search Tools; click Update to find IP CAM.

4. When change finished, the IP Assignment of Search Tools will show DHCP..

C. Set up PPPOE mode (As use XDSL), steps:

Before e setup PPPOE, please do setup "Mail server " in Server page.

Before use PPPOE to get real IP address from ISP please do follow connection:

"Submit" Click PPPOE.

1. Type User Name and Password, Click "Submit".

2. Click "Reboot", its need to wait for 15-20 seconds to enable again.

3. Use "**IPEdit**" click Update to get IP address. If still see same IP address please click PPPOE in IPEDIT, submit and then click update.

4. As dial successful, you can see real IP address by ipedit.

5. When change successful, the IP Assignment of Search Tools will show PPPOE.

Notice:

* When setting up the PPPOE (for the IP Kamera to get IP address from ISP through XDSL service). You will need to press the submit button so that the changes will be saved. You can use IPEDIT to see the real IP address supplied from ISP. You can also click PPPOE function in IPEDIT to connect

with the ISP to get an IP address. For this to work correctly you will have to setup the **username** & **password** in the web page first. It will take few second for IP Kamera to get real IP address from ISP. You can click update to check the status.

D. HTTP Server: Appoint port number of HTTP, default is 80. HTTP port setting can help use more than one IP Kamera for customer had only one real IP.

E. DNS Server: Appoint address of DNS Server IP, default is 168.95.1.1. DNS work especially in FTP SERVER parts (in IE server section),

Server setting

This page can appoint proper setting of server for Mail (SMTP), FTP and DDNS, when exceptional event happened (for example the detector detect somebody coming by), IP CAM will automatically send video or image to user E-mail or FTP site.

A. **Mail Server (SMTP - Simple Mail Transfer Protocol), Steps**:
Mail server support following two events:
1.   Receive real IP address as select " PPPOE" in network page
2.   Receive pictures as enable Motion detection in Event Trigger page.

1.   Fill in SMTP Server (IP/Host), Mail From, Receipt to,
2.   If the server need Authorization, please click on and fill the Account ID & Password
3.   Click "Submit" to save setting.

B. FTP (File Transfer Protocol) Steps:

*Note: Login and Password each cannot exceed 15 characters.

1. Fill in Ftp Server (IP/ Host), Account ID, Password, and Ftp mode.
2. Click "Submit" to save setting.

C. **DDNS (Dynamic Domain Name Server) Steps**:
Before use DDNS service, please create your own account in Websitehttp://www.dyndns.org
And apply host name for DDNS service. Register user's name, password, and account and
   upload path. In Websitehttp://www.dyndns.org

1. Fill in Hostname (for instance: 1011.homelinux.com), account ID (Username) and password
   and upload path you applied in   " www.dyndns.org".
2. Click "Submit" to save setting

STATUS will show the connection information.

D. **NTP (Network Time Protocol) Provide the function of adjusting time**. Steps:
1. Fill in IP address or website. (Default NTP address 131.246.9.116)
2. Choose time zone.
3. Click "Submit" to save setting.

Administration setting

In this page the user can set 9060A-MP (Mega Pixels)'s **Camera name**, **Administration's account**, **general user's account,** and **black list of IP address**.

By Setting the Name of your camera it makes it easier to distinguish your cameras especially when you have more than one.

Camera Name: To change your Camera's name type over the current default camera name and hit the submit button.

Setting General user accounts:

Create a new account: Type in a Username for the user in the **Account ID** section. Enter a password (**New Password** section) and Reconfirm the New Password (**Re-Type** Section) and hit the submit button.

Change Password: To change the password, type in the corresponding **Account ID, Old Password, New Password, Re-Type (Confirmation Password)**

Setting Administrator accounts:
Create a new account: Type in a Username for the user in the **Account ID** section. Enter a password (**New Password** section) and Reconfirm the New Password (**Re-Type** Section) and hit the submit button.

Change Password: To change the password, type in the corresponding **Account ID, Old Password, New Password, Re-Type (Confirmation Password)**

IP Black List: The IP Black List allows the user to block up to a maximum of 5 IP Address. Just enter the IP address you would like to block and hit add
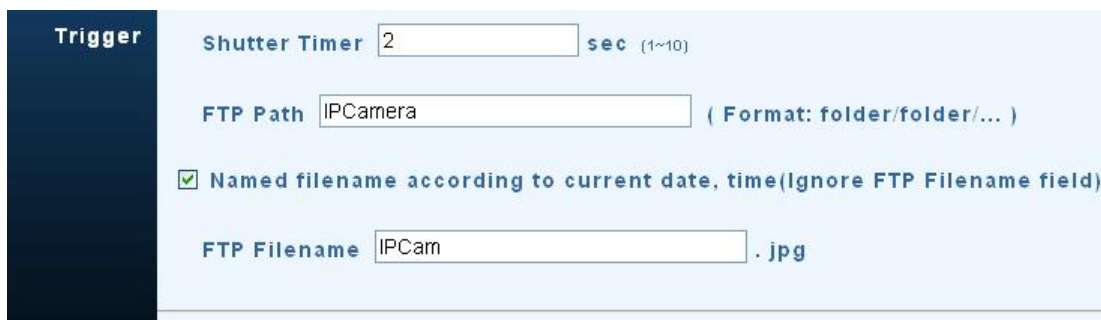

Event Trigger & Timer schedule setting

Event trigger: In this page settings, the user can select to ENABLE one or two Motion Detect functions and the way to transfer detect pictures: Save in PC, Send by E-mail, Save in Ftp server. Click "Submit" after type account/password to relevant text windows.

To setup the sensitivity please check page 19: You can amend the detect sensitivity and area by right click on video and set up sensitivity from 99 (Not sensitive) to 1 (High Sensitive), default is 15.
The lower the value is, the higher sensitivity of the motion detection is.

A. Timer Schedule: From here the user can select a period of time everyday when the camera will be activated to take a Snapshot (it take pictures depending on the interval the user sets) and the Motion detection.
Format: Hour Minute: Hour Minutes (From H/M to H/M)

After you have selected time please click" Add button" then the appointed time will show on drop down menu.
You can add 5 periods maximum to schedule.   To delete the period, please select the period and click the remove button.

Update setting

By update functions, user can online update 9060 firmware to get more functions;

1. Press "browse" key to chose new ROM Code
2. Press "Submit" key to upload, it will holding 7-10 secs (100M Ethernet)
3. The windows will showing "wait system Reboot", it means upload finished.
4. Update will last 50 SECS. During this process, make sure power supply stabilization. Power fail will damage the 9060.
5. The web page will auto update after finished.
6. User can check firmware version to confirm the update.

7. FAQ

Q 1: I forgot the ID and password for the administrator account, so I cannot log into the administration Page.

A:

1.) Please set the Reset switch to "**Reset Mode: Right**"

2.) Wait for 10 seconds.

3.) Turn the reset switch back to **Normal Mode: Left**

*Please refer to the picture on page 6 if you have questions.

Q 2: The Web Kamera does not launch?

   A: Upgrade Internet Explorer to 5.0 or higher and make sure the subnet is same as your PC's. Please refer Initialization settings on page 8. Remember to adjust Internet Security Settings level to low when launching IP Camera's AP for the first time.

Q 3: The Image recording cannot stop immediately?

   A: If your IP address is a virtual IP address than this problem will not happen. If your IP is true IP (EX: PPPOE or FIX IP….), than this problem might occur. You will need to wait for everything to become normal.