USER MANUAL

IP CAMERA RECORDER

I. Preface

IP Camera Recorder is a 36 Channel Camera recording software which supports IP Camera, and Camera Server . Users use this software to monitor real-time Camera, record Camera on PC then playback recorded Camera when necessary. IP Camera Recorder supports 3 different ways to record Camera, including schedule recording, motion-triggered recording, and manual recording.

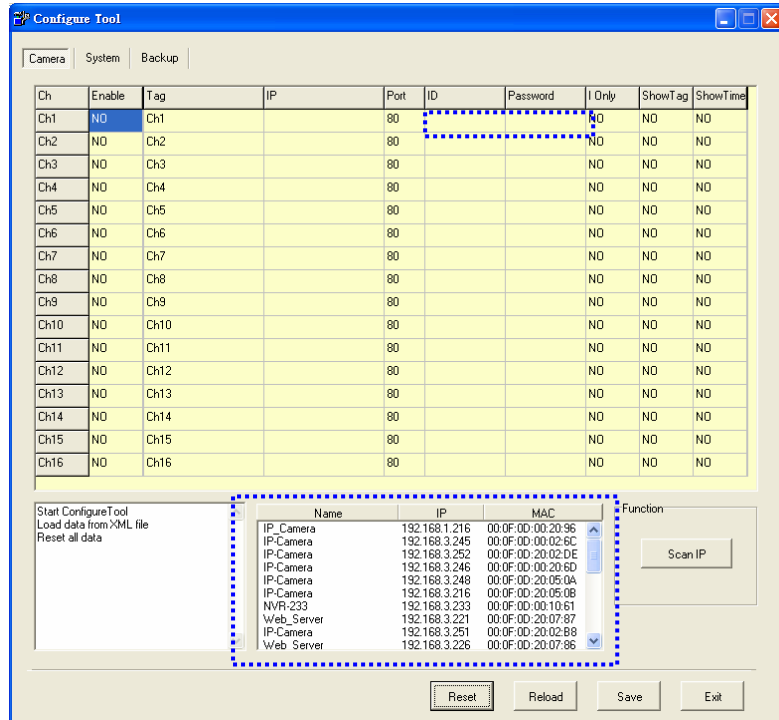# II. System Requirements

A.   Minimum requirements

    i.   CPU: Intel Pentium 4 2.0G
   ii.   Memory: 512MB
  iii.   VGA card: 128MB (ATI chipset suggested)
  iv.   Monitor Resolution: 1024 x 768
   v.   OS: Windows XP / 2000

B.   Suggested requirements

    i.   CPU:Intel Pentium D 3.2G or higher
   ii.   Memory: 1024MB or higher
  iii.   VGA card: 256MB or higher(ATI chipset suggested)
  iv.   Monitor Resolution: 1024 x 768
   v.   OS: Windows XP / 2000

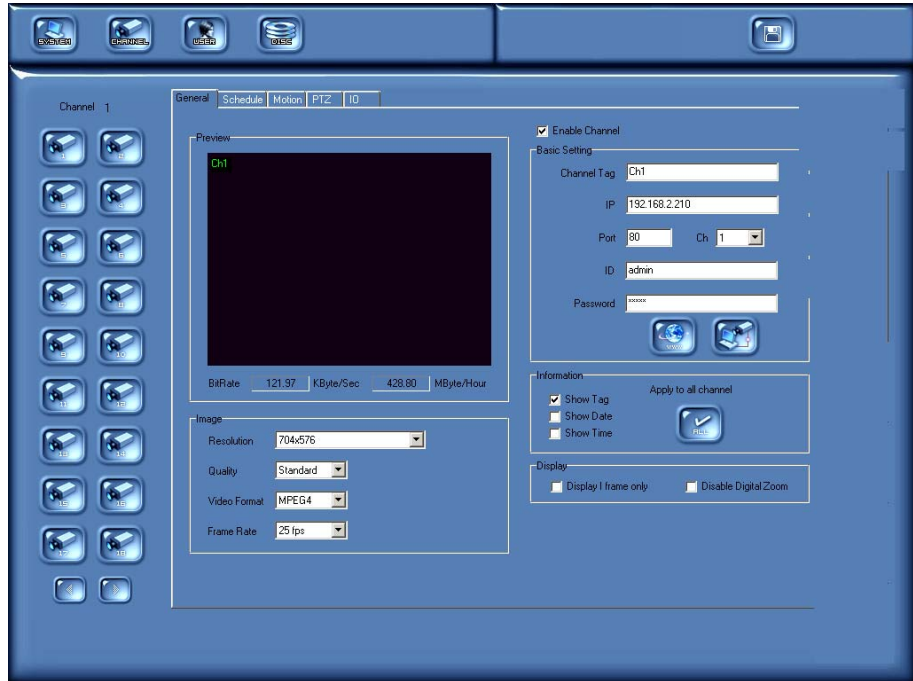vi.　　To start the program, please follow 『Start』→『Programs』→『IPCamera Recorder』 → 『IPCamera Recorder』

b. IP Installer function has been integrated in Configure tool. When starting Configure tool, it will search IP camera & Camera server automatically. To re-search the device, please click "Scan IP"

c. Select the IP camera/ Camera server you would like to add. Drag-and-drop the device on Camera channel listed above. Then type in correct ID (user name) & password of the device.

d. When finish the configuration, click "Save" to save all the information.

ii. Using IP Camera Recorder software:
Start IP Camera Recorder program, and select 『Setup』 to enter setup page.

a. Once entered setup page, please select to enter channel setup page.

There are 18 channels listed on the left side of the administrator

page. Users can use [icons] to select 1-18 or 19-36 channels.

b. Camera can be configured in the general setup page. First, click

    ☑ Enable Channel   to enable each channel and to set each camera.

c. In the basic setting as showed below, channel name can be saved
    in the "Channel Tag" to distinguish each channel. IP address is
    indicating the channel. With IP Share (Router), the Port needed to
    be adjusted in case of conflict. Fills in the ID and the Password for

    each channel, then click [icon] to connect each device or

    channel. Click [icon] will enable IE to browse each channel.

d. Within the Image setup page as showed below, users can change image Resolution, Quality, Camera Format, and Frame Rate.

e. In the Information setting page as showed below，Tag / Date / Time can be displayed on the live viewing。

f. In the Display setting page as showed below，users can select display mode.

When is selected, only one I-Frame will be transferred and displayed in live-viewing ; Click

 to disable digital zoom.

g. Before exiting administration page, remember to click to save all the configurations.

B.Set up HDD to record Camera

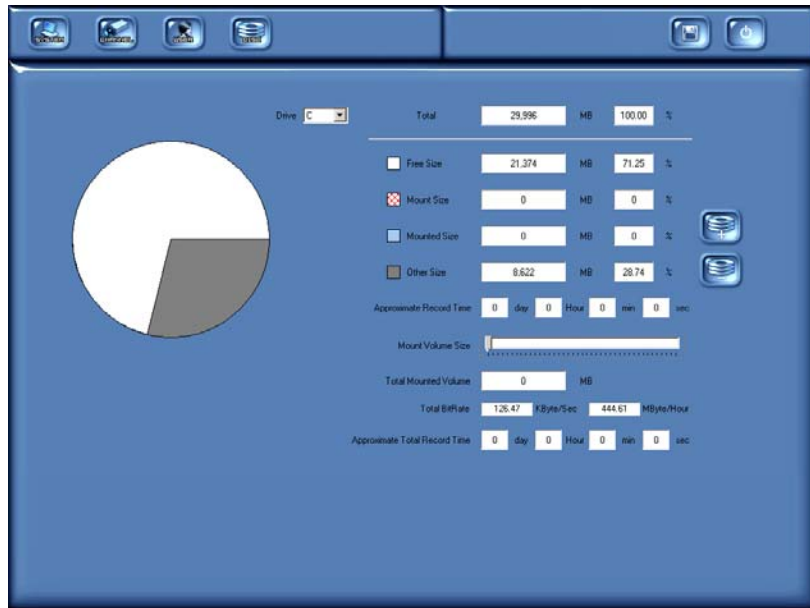To record Camera on PC with TCP-36Basic, you must mount HD space first.

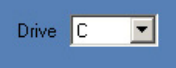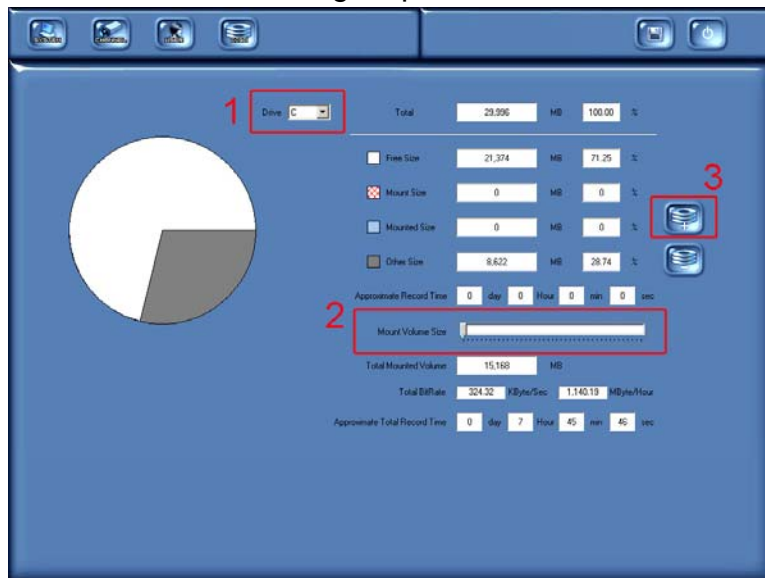i. Start the program, click on "setup" to enter the setup page and click .

ii. Before you mount the space, every time you log into the administration page, the dialog box will show up to remind you to do this.

iii.   Click ![icon] to access this page.

iv.   Select the Disk drive ![Drive C].

v.   Use the slide bar to set up the volume of the HD you would like to keep to record the Camera.

vi.   Click ![icon] to start the procedure.

vii.   Please refer to following steps.

V. Live Camera Monitoring

i. TCP-36Basic is a 36 channel recording software. It supports different kinds of real-time monitoring mode.

36-CH , 16-CH , 9-CH , 4-CH , 1-CH .

ii. : Full Screen mode:

To exit the full screen mode, use "Esc" or right-click the mouse.

iii. : Minimize the program.

iv. : Manual recording:

To start recording immediately. To stop recording, click the button again.

v. : Recorded Camera playback.

vi. : Get into administration page.

vii. : Close the program

viii. : When select the channel, by not checking "disable digital zoom", the extra image zoom will be displayed to control the digital zoom in/out.

ix. It shows the status of each channel.

Indicate the Camera recording status.

Indicate Motion Detection.

Indicate Alarm status.

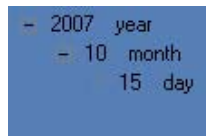x. : I/O switch. Up to 4 channels (if remote device supported)

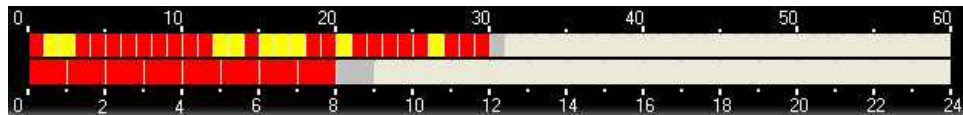# VI. Camera Playback

Click to enter Camera playback mode.

A.Camera Playback

    i、 Use calendar to select the date. As shown in the following figure, the "day" means there are recorded Cameras in that day. For example, there are Cameras in 2007/10/15.

    ii、 After selecting the date, please click   to select the Camera channel you would like to play.

    iii、 When choose the date and Camera channel, it will show the recording status.

     a.   No color: No Camera data.

     b.   Yellow: Motion-triggered recording data.

     c.   Red: Normal recofding data.

     d.   Gray:The time you choose to play.

iv、 Click to start playback. Click to pause it

v、 Use   to fasten the speed. 1x, 2x, 4x, 8x, 16x and 32x available (depends on the hardware and total channels).

vi、 Use   to go to previous/ next frame.

vii、Check "Show tag", "Show time" to show title & time on each channel.

viii、   Check "Disable Digital Zoom" to disable digital zoom function.

ix、 Check "Event List" to see the event records.

B.Export Camera

Camera data can be exported as JPEG or AVI format besides playing back.

i.   Export as JPEG format:

     a.   Click . It will show the following dialogue box.

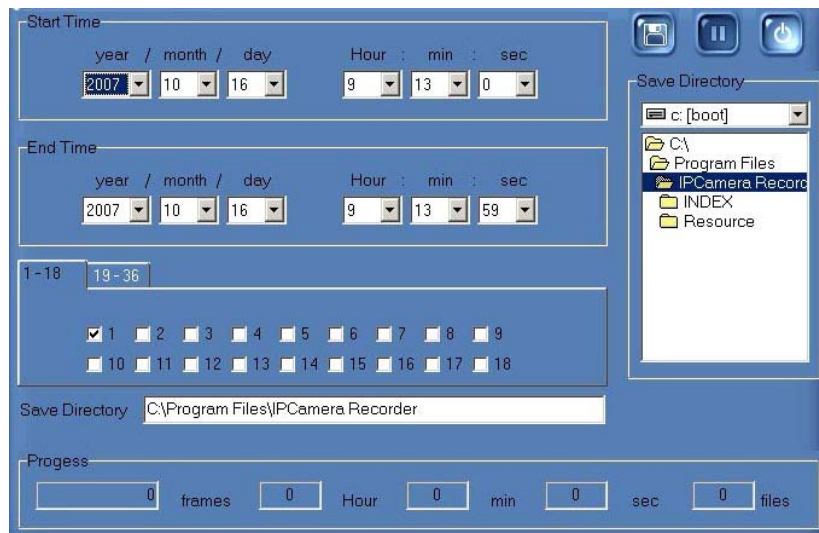   b.   The filename will be "channel number_yyyymmdd_hhmmss.jpg".

ii.   Export as AVI format

a.   Click ⬚. It will show the following dialogue box.

b.   Select "start time", "end time", "Camera channel", and the directory to save the Camera. Click ⬚ to start the procedure.

c.   It exports the Camera into different AVI files for each channel if multi-channel have been selected.

VII. Digital Zoom

By enabling the digital zoom function, user can zoom in/out the image to get proper view. Digital zoom can be functionalized in live-viewing, playback viewing and second live-viewing. The following figures refer to the digital zoom panel.

There are there parts of the digital zoom panel.

1. Preview window: The image or Camera in the preview window is not live, the image frame will be updated within a time interval. The red frame indicate the live-viewing window, and the number of the left-down corner indicate the zooming rate.

2. Digital zooming bar: By moving the control bar up or down, the live-viewing and preview window will be zoomed in or out. The zoom rate is from 100% to 1000%.

3. Zoom status: By un-check this function, the image or Camera will be displayed in the original size.

The default of the digital zoom is enabled. User can change the default by clicking in the main page and click to enter the channel setup page. Check to disable digital zoom control.
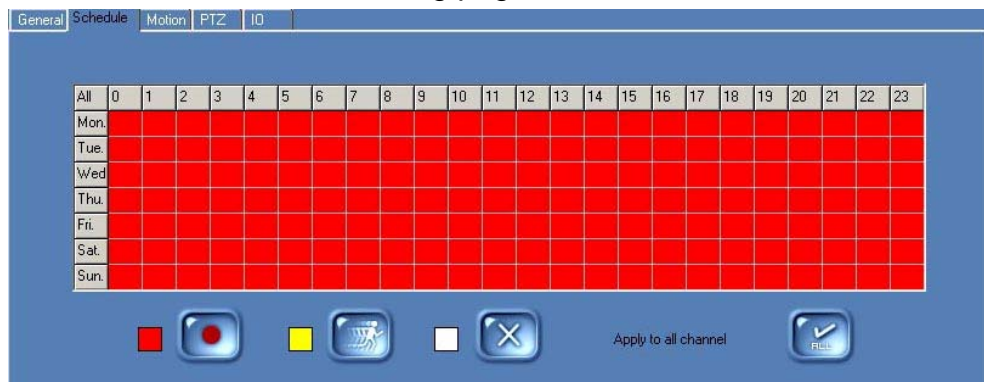
VIII. Others

A. Schedule record setting

IP Camera Recorder supports different recording mode for different channel.

    i、   Enter setup page by click on   , then enter channel setup page by

    click   .

    ii、   In the channel setup page, first select channel #, then select 『schedule』 tab to enter schedule recording page.

    IP Camera Recorder supports 3 recording modes.
    RED – Recording
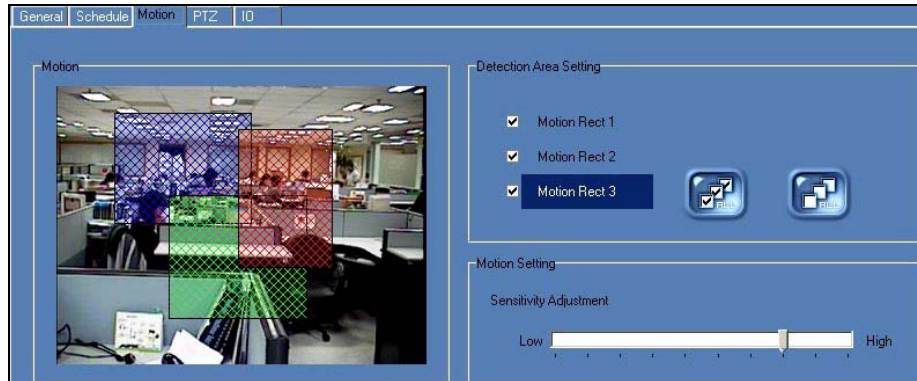   YELLOW – Motion Detection Recording
    White – No Recording

    iii、   Select area of recording time first, then choose one of three recording modes to activate recording mode.

    iv、   If you like to set all the channels with the same recording setting, you may finish setting one channel first and click   to apply the setting on all other channels

B. Motion Detection

Each channel can set up 3 areas to detect motion.

i. Click ![clock icon] to enter setup page and click ![channel icon]

ii. Select channel to set up the motion, then select 『Motion』 tab.
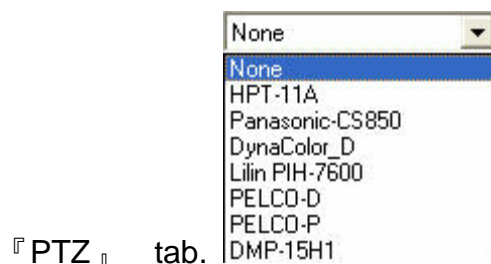

iii. Detection Area Setting: Click area, use mouse to drag and draw the area to detect motion.

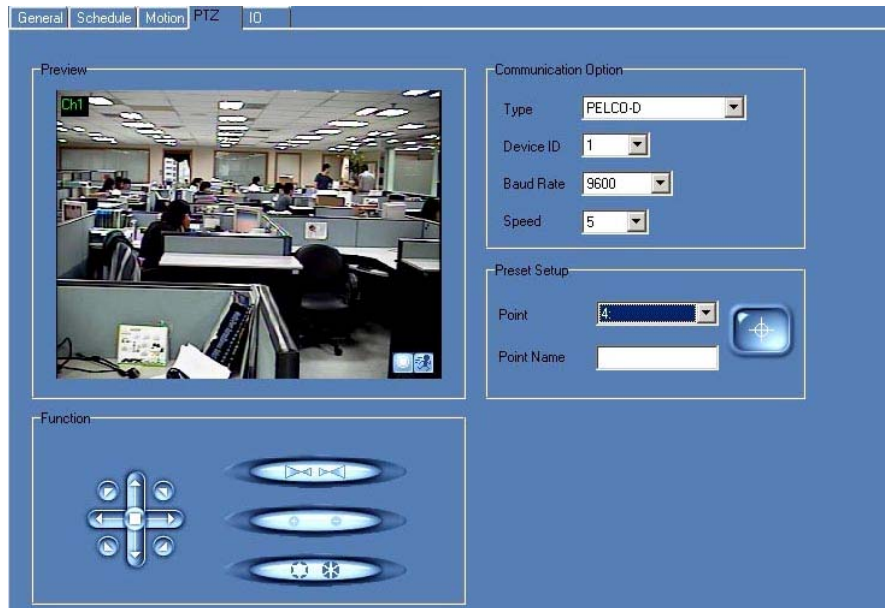iv. Motion Sensitivity: adjust the sensitivity for each channel.

C.PTZ set up and control
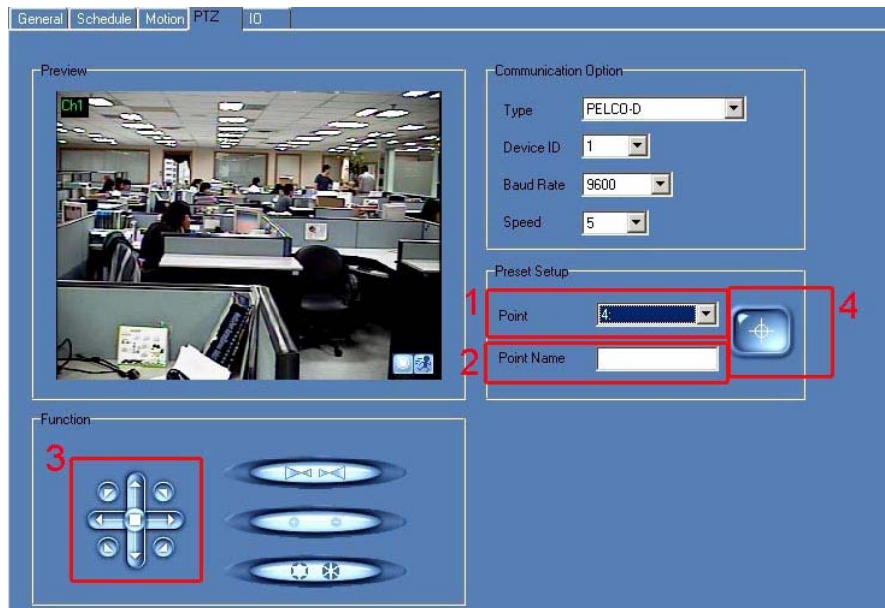
IP Camera Recorder supports remote PTZ control.

i. Click ![clock icon] to enter setup page, then click ![channel icon]

ii. Select the channel which supports PTZ as following figure, Select

『PTZ』 tab.

iii. IP Camera Recorder supports different PTZ protocols.

iv. Make sure choosing the right protocol, ID, baud rate.

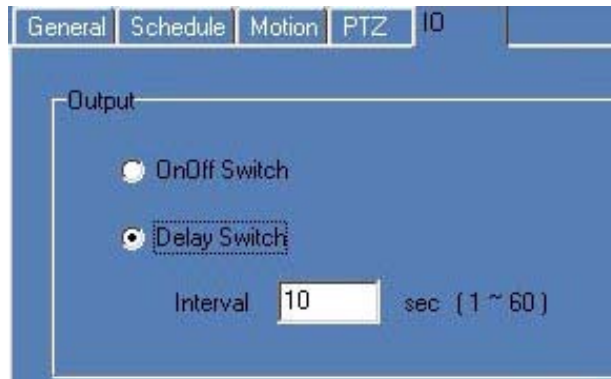   v.   Detacting ponint preset setup: Please refer to following figure.

     vi.   When finish the PTZ setup, use the control panel to control the PTZ.

D.I/O Control

i.   Get into administration page. Click

ii.   Select the channel which supports I/O, Select "IO " tab.

iii.   TCP-36BASIC supports 2 types of I/O. Users can determine delay time interval from 1 to 60 seconds.

iv.   In the live-viewing, I/O interface may have different controller depending on each channel or remote device.

E.System

i.   E-mail alert: When motion detection is triggered, IP Camera Recorder sends the e-mail to some specific account.

    a.   Get into administration page. Click .

    b.   Check .

    c.   Click to get into setup page.

d. E-MAIL setup page: To enable e-mail service, please fill in the name of SMTP server. To verify the user, please check
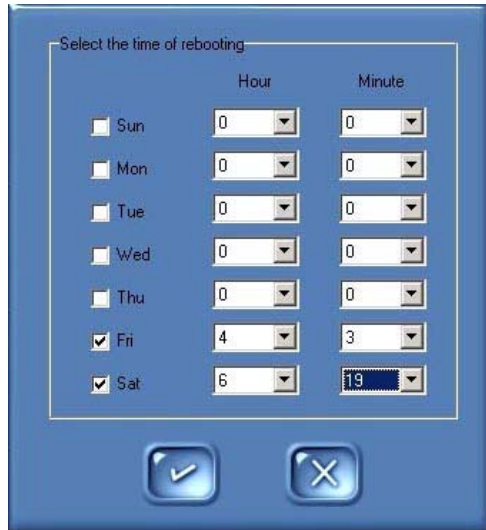
 ，and fill in the user account and password.

Click to test the e-mail service.

e. The default value of "From" is IPCameraRecoder.

f. Please fill in the e-mail destination address such as DemoTest@test.com.

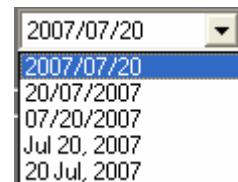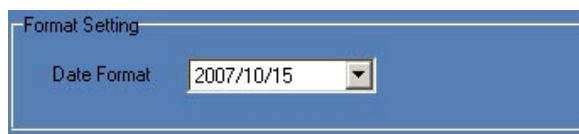g. "Subject" and "Content" column: The title and the reminder of a triggered event.

ii. Windows reboot: Click to set up the time to reboot Windows automatically. It will re-start the TCP-36BASIC automatically.

iii.   Program auto-run: Check ☑ Auto run the program on windows startup to run

the program whenever the PC reboots.

iv.   HDD setup:

  a.   TCP-36BASIC will overwrite the old data when the HDD is full. Click

  [SYSTEM] to enable/ disable this function.

  b.   ☑ Overwrite When Diskfull   The default configuration of this

  function is enable.

v.   Date Format:

  Format Setting
  Date Format   2007/10/15   ▼

2007/07/20 ▼
2007/07/20
20/07/2007
07/20/2007
Jul 20, 2007
20 Jul, 2007

  a.   There are 5 different date formats available [   ] .
  b.   Please save the changes before exiting.
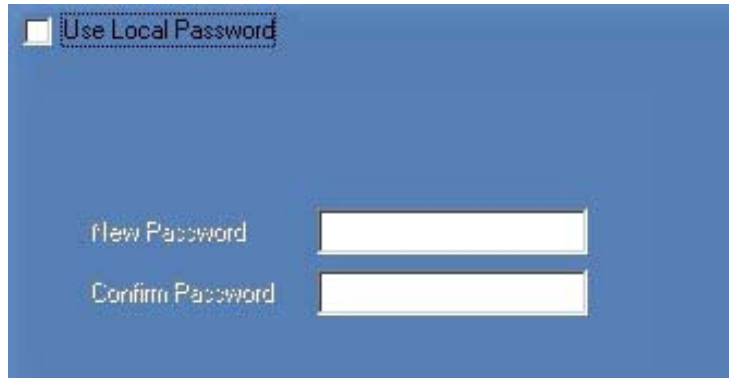
vi.   Product Information:

  a.   Click [ABOUT] to show product information.

F. Password set up

IP Camera Recorder supports security user mangement.

    i.   Click to enter setup page, then click 。

    ii.   Check "Use Local Password.

    iii.   Key in new password

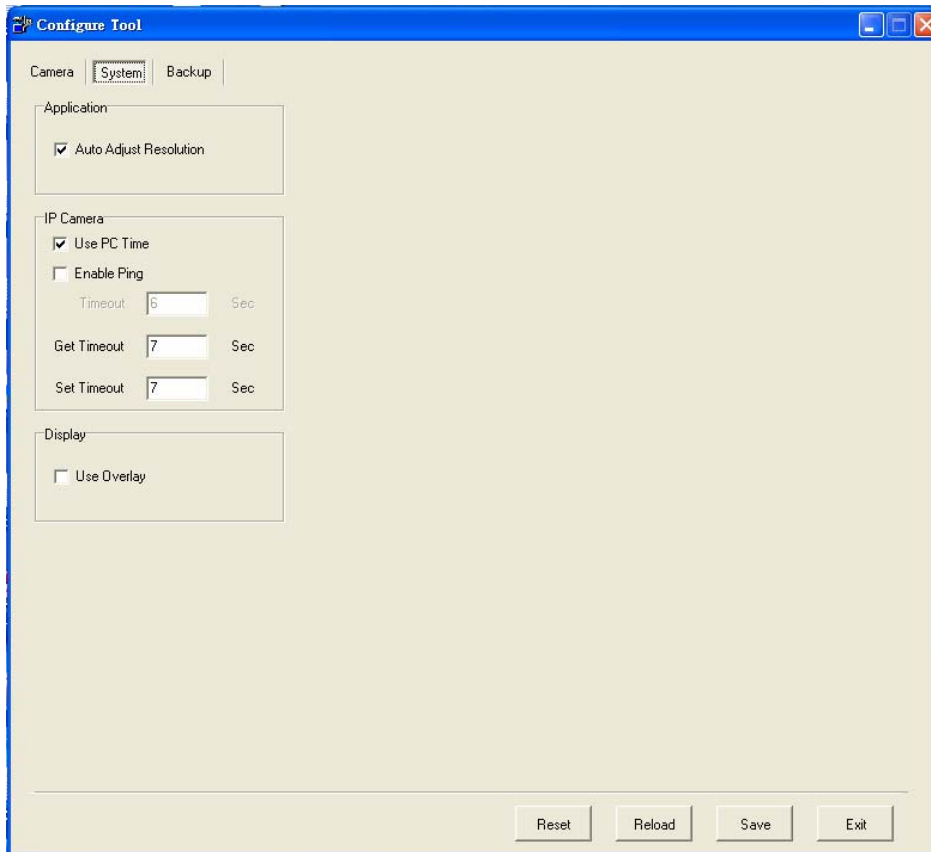   iv.   Confirm password

    v.   Click to save password

    i.   Exit user setup page, you will see at lower left corner in the main live monitoring page. You may click on it to log in/out.

IX. Configure Tool

A. Monitor resolution (Default: On)

The program resolution is at default 1024 x 768. To disable this function, please open Configure tool → System → Auto adjust resolution (Off).

i、　Run Configure tool

ii、　Select "System" tab

iii、　Select"Auto Adjust Resolution" to adjust the resolution automatically or un-check to disable this function.

B.Enable/ Disable "PC Time" (default: on)

By enabling this function, system will synchronize the camera/ web server/ DVR time to the PC. **Note: By disabling this function, the recording time of the remote devices may different from the PC time**.

C.Enable/ Disable "Ping" (default: off)

Some network device will disable the "ping" function. To connect IP camera/ Camera server which are protected by the firewall, please disable this function to make sure it can connect correctly.
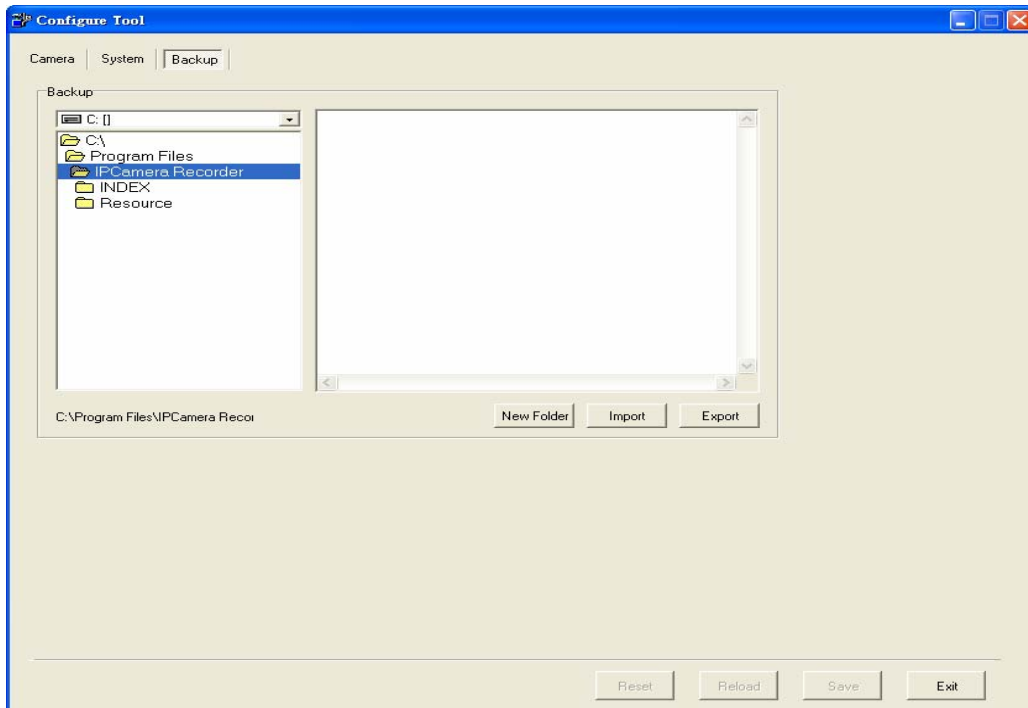
D.Enable/ Disable "Use Overlay" (default:

on)

Disable the overlay function if the graphic cards don't support this function.

Note: By enabling overlay function will reduce CPU load and enhance PC performance.

E. Backup Configurations

Use Configure tool to back up all the configurations. It will be very useful to maintain the software using these configurations.

i、 Select the back up directory. You may open a new folder in the directory.

ii、 Click "Export" to export all configurations.

iii、 To import the configurations into IP Camera Recorder, select the backup folder, click "Import".