

H.264 Series Fish-Eye Compact Network Camera PB630 / PB630W User's Manual



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Notices

This user manual is intended for administrators and users of the PiXORD PB630 Network Camera, including instructions for using and managing the camera on your network. The use of surveillance devices may be prohibited by law in your country. It is the user's responsibility to ensure that the operation of such devices is legal before installing this unit for its intended use.

Before the Network Camera is installed, all the safety and operating instructions should be carefully read and followed to avoid damage due to faulty assembly and installation. This also ensures the product is used properly as intended.

Heed all warnings

- **Do not drop or strike this equipment**
Sensitive electronics inside the camera are vulnerable to excessive strike.
- **Do not install the equipment near any flames or heat sources**
Excessive heat could damage this equipment.
- **Do not cover cloth or to install this equipment in poorly ventilated places.**
Overheating could damage this equipment.
- **Do not expose this equipment to rain or moisture. Do not touch the power connection with wet hands**
Risk of short circuit, electric shock or fire
- **Do not damage the power cord or leave it under pressure**
Risk of fire or shock circuit
- **To reduce the risk of electric shock, do not remove the Cover (or Back).**
No user-serviceable parts inside. Misusage, improper, and negligence could damage this equipment. Need to refer servicing to qualified service personnel.
- **Do not continue to operate if there appears to be fault.**
If the unit ceases to function, contact qualified service personnel for help.
- **All work related to the installation of this product should be made by qualified service personnel or system installers.**

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Support

If you require any technical assistance, please contact your PiXORD reseller. You can connect to the Internet PiXORD's website: www.pixord.com for below information,

- Download user documentation and firmware updates at PiXORD Support
(<http://www.pixord.com/support/support.asp>)
- Find answers to resolved problems in the FAQ database. Or contact our FAE at technical support
(<http://www.pixord.com/contact2.asp>)

Introduction

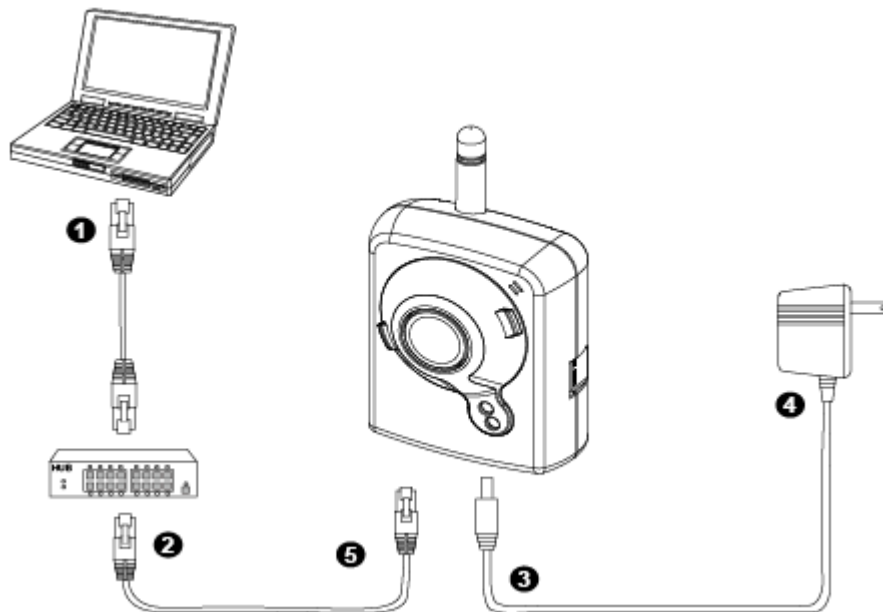
PB630 is a Fish-Eye Network Camera featured with superior H.264-AVC performance and rich functions. PB630 include a fish-eye lens for 180° wide angle view without blind spot. Thus PB630 is very suitable to view a wide area with single camera such as hallway, store, office, etc.

The hardware distortion compensation ability can achieve up to 25% of distortion reducing. The H.264-AVC video compression enables to lower bandwidth and storage requirements without compromising image quality; Motion JPEG is supported for increased flexibility, as well as multiple independent video streaming.

The camera offers wired connection to the network and optional wireless (IEEE 802.11g) PB630W model for flexible installation. Further functions include two-way audio with integrated high-sensitive microphone and audio output, Micro SD card support and easy to installation function which makes the setup as easy as plug and play.

Installation

1. Hardware Connection



1. Prepare a PC with Ethernet link to the network
2. Connect LAN port (RJ45) of the camera to a network switch/hub
3. Connect power jack
4. Ensure the power adaptor specification matches the power system (110V or 220V) and connect the adaptor to the outlet
5. Check LED status (Power/Network)

Note: Do not twist the antennal manually.

Note: Please use the stand with the camera for thermolytic purpose..

2. Software Installation

The following software is necessary for the proper display and use of the PB-630 from the Web site. The software will be taken from the Software Package CD.

IP Installer

The IP Installer is used to locate and configure network cameras and video servers on the LAN. This utility is useful for conveniently configuring the network settings of the device, or for finding a device once the network settings have been modified.

To install the IP Installer, from the Software Package CD UI, select IP installer, then follow the on screen instructions.

XVID Codec

An H.264 codec is applied for displaying the video stream and playing the recorded AVI files. If the video stream can't be displayed or the recorded AVI files can't be play on PC, install this software from the Software Package CD.

VLC

Though not necessary, this can be used for viewing the streaming without a Web browser.

3. Network Configuration

IP Installer is a utility that provides an easier, more efficient way to configure the IP address and network settings of the devices. It even provides a convenient way to set the network settings for multiple devices simultaneously using the batch setting function. Moreover, IP Installer can save the network settings for all devices as a backup and restore them when necessary.

Preparation before IP Assignment

1. Always consult your network administrator before assigning an IP address to your server in order to avoid using a previously assigned IP address.
2. Ensure the PB630 is powered on and correctly connected to the network.
3. MAC Address: Each device has a unique Ethernet address (MAC address) shown on the label of the device as the serial number (S/N) with 12 digits (e.g. 000429-XXXXXX).



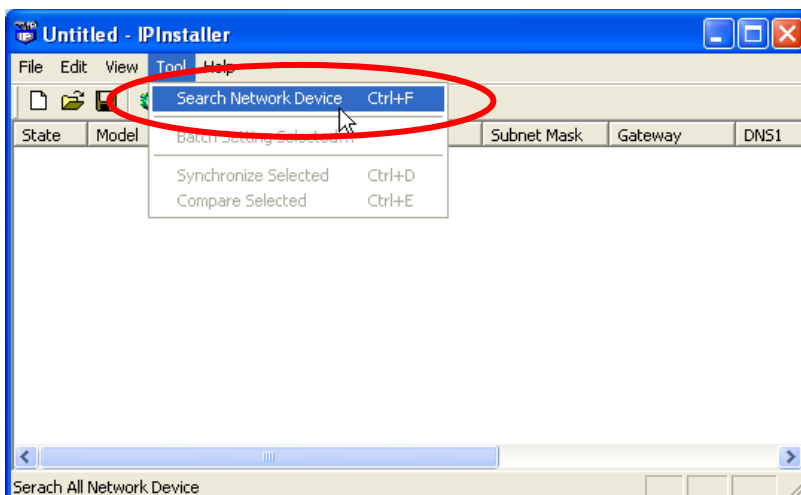
4. Although the IP Installer is able to find and configure any PB630 on the LAN except those that are behind a router, it is a good idea to set the host PC to the same subnet. In order to connect to the Web-based user interface of the camera, the host PC must be in the same subnet. For more information about subnets, please consult your network administrator.

Using IP Installer to Assign an IP Address to PB630

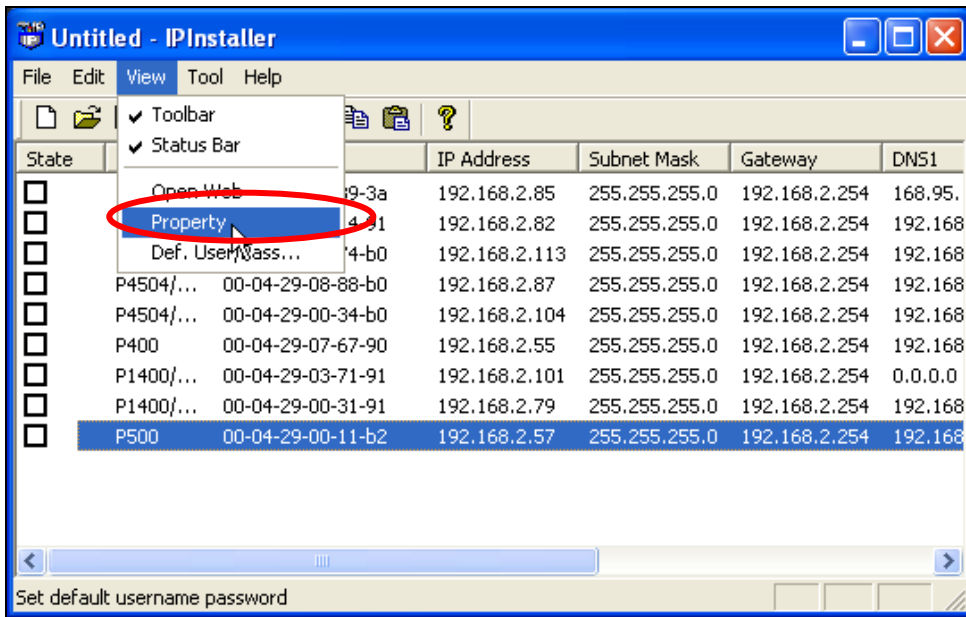
1. Once IP Installer has been successfully installed on the PC, double click the IP Installer icon on the desktop, or select it from Start > Programs > IP Installer > IP Installer > Launch IP Installer.



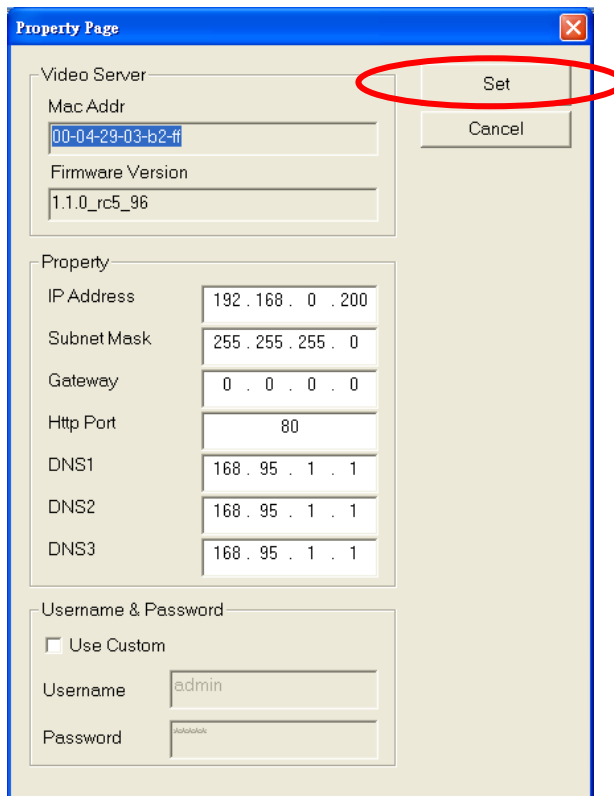
2. Click the menu bar Tool > Search Network Device to search the device in the LAN.



- From the list, select the device with the MAC Address that corresponds to the PB630 that is to be configured. The MAC Address is identical to the unit's S/N (Serial Number).
- Double click the item to open the Property Page for the selected device or click the menu bar View > Property.



- After filling in the properties, click **[Set]** button to complete the configuration settings.



Open the Web-based UI of the Selected camera

1. To access the Web-based UI of the selected unit, run the View > Open Web on the menu bar.
2. If the device has been configured correctly, the default Web browser will open to the home page of the selected device.
3. If you find your browser is opened and automatically connected to the camera Home Page, it means you've assigned an IP Address to the unit successfully. Now you can close the IP Installer and start to use your camera.

Verify and Complete the Installation from Your Browser

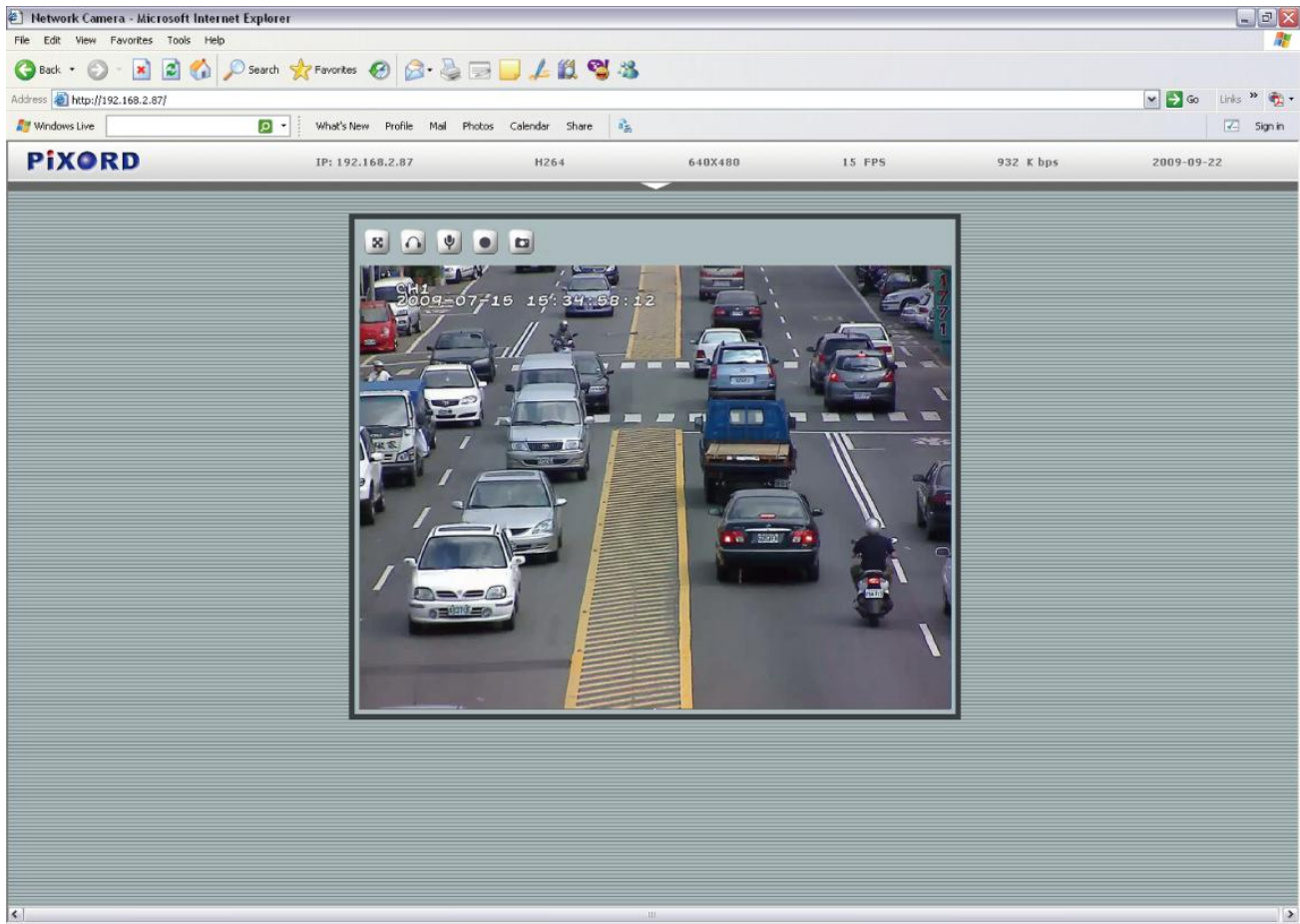
When browsing the Home Page at the first time with the Microsoft Internet Explorer™, you must temporarily lower your security settings to perform a one-time-only installation of the ActiveX component onto your workstation, as described below:

1. From the Tools menu, select [Internet Options]
2. Click the [Security] tab and then click [Custom Level] button to see your current security settings.
3. Set the security level to Low and click [OK].
4. Type the URL or IP address of your camera into the Address field.
5. A dialog box will pop up asking if the ActiveX control should be installed. Click [Yes] to start the installation.

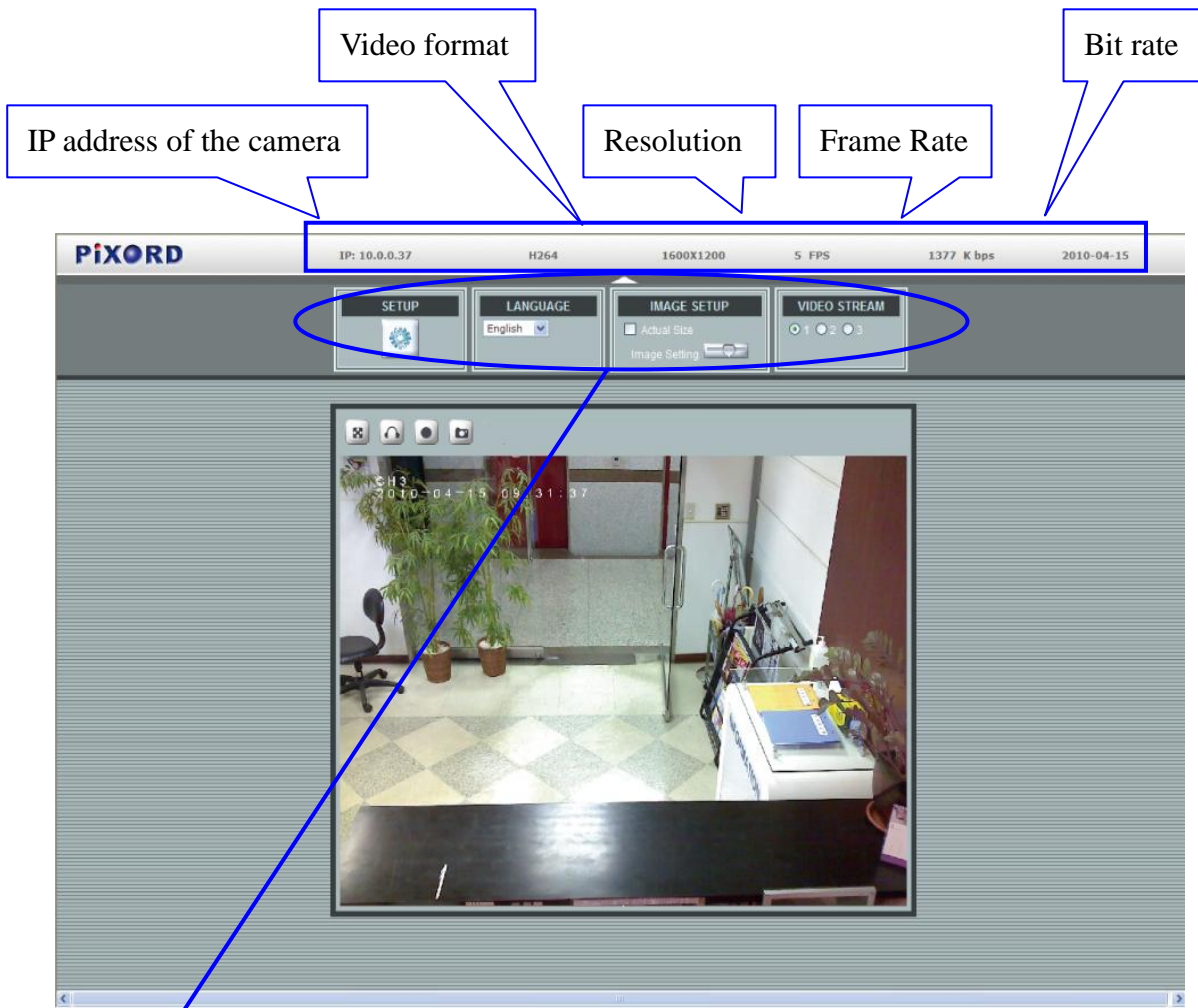
Once the ActiveX installation is complete, return the security settings to their original value, as noted above.



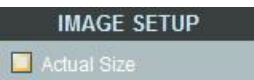

Using the Web UI

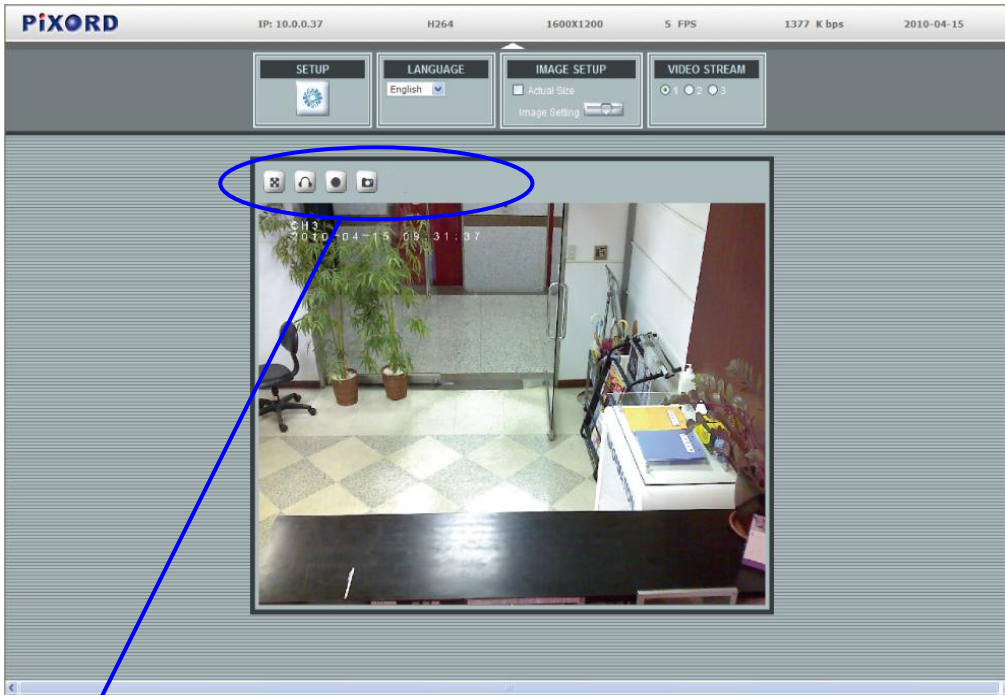
Start your Web browser and enter the URL or IP address in the Address field. The Home page of the camera is now displayed.








1. Live View



Button	Description
	Click for more general/advance camera settings
	Select languages among English, traditional Chinese and simplify Chinese
	Check actual size to view the actual size (resolution) of the image
	Choose among the 3 streams for viewing



Button	Description
	Full screen
	Listen the audio input from local end
	Talk function
	Record instant live video
	Snapshot the image

Configuration Pages List

Video

- General
- Advance
- External Video Source

Camera:

- General
- Advance

Event

- Event Server
- Motion Detection
- Event Configuration

Schedule

- General
- Storage

Network

- General
- Advance
- SMTP (E-mail)
- DDNS
- Wireless

System

- Information
- User
- Date & Time
- Server Maintenance
- Log Service

Customize

- Style Layout

2. Video

General

The screenshot shows a web-based configuration interface with three tabs: "General", "Advanced", and "External Video Source". The "General" tab is active. It contains two main sections: "Video General Setting" and "OSD Setting".

Video General Setting

- Enable Stream 1
- Enable Stream 2
- Enable Stream 3

OSD Setting

- Enable
- Camera Name: (20 character max)
- Date/Time

Video General Setting: Check each box to enable streams (max 3) for live viewing

OSD Setting: Enable OSD to display camera name and date/time on the image

Advanced

The screenshot shows the 'Advanced' video settings page. It features three sections for Stream 1, Stream 2, and Stream 3. Each section includes fields for RTSP Path, Image Format, Resolution, Video Mode, Target Bit Rates (for CBR), Quality Level (for VBR), GOP, and Frame Rates. A 'Save' button is located at the bottom of the settings area.

Stream 1 Setting:

- RTSP Path: It is the stream ID used for RTSP client streaming connection, such as VLC player. (default v00)
- Resolution: Choose image size from 320x240 to 640x480
- Video Mode: Choose between variable bit rate (VBR) and constant bit rate (CBR)
VBR-> Choose quality level from best to standard
CBR-> Choose target bit rate range from 64 to 6000kb
- Image Format: 2 kinds of format to choose from; MJPEG and H.264
- GOP: Choose the number of P-frame or B-frame between I-frame from 1 to 150
- Frame Rates (FPS): Choose the number of frames to display per second
With resolution 640x480, FPS can set up to 30FPS.

Stream 2 Setting:

Configuration of stream 2 is the same as stream 1.

Note: Resolution can only be set to 320x240 or 640x480

Stream 3 Setting:

Only RTSP path, image format and frame rate can be adjusted, the rest of the settings are fixed.

3. Camera

General



The screenshot shows a web-based configuration interface for a camera. At the top, there are tabs for 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network', 'System', and 'Customize'. The 'Camera' tab is selected. Below this, there are two sub-tabs: 'General' and 'Advanced'. The 'General' sub-tab is active. The interface is divided into three main sections: 'Audio Setting', 'Web Record Setting', and 'Web Snapshot Image Setting'. Each section has a 'Save' button at the bottom right. The 'Audio Setting' section has a checked checkbox for 'Audio Enable'. The 'Web Record Setting' section has a 'Save Path' field with the value 'D:\產品管理\' and a 'File Name' field with the value 'isc dewarp 1'. The 'Web Snapshot Image Setting' section has a 'Save Path' field with the value 'D:\產品管理\PB 630 fish eye\' and a 'File Name' field with the value 'distortion disable pic'. A 'Save' button is located at the bottom center of the interface.

Audio Setting:

- Audio Enable: Turn on/off the audio

Web Record Setting:

- Save Path / File name: Click on the "Browse" button to select the desired path to save as well as naming the video file.

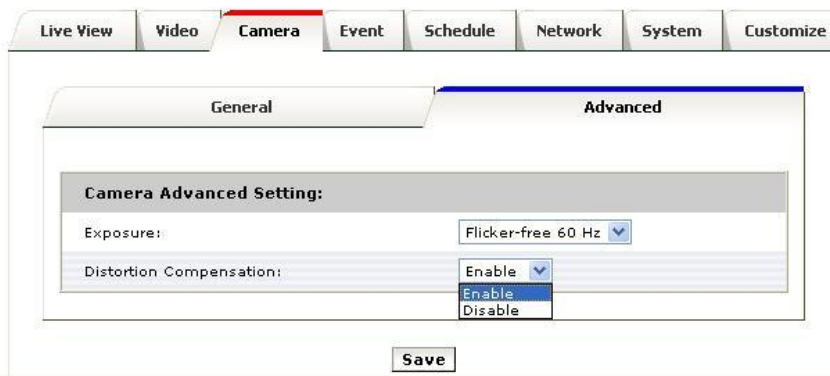
Web Snapshot Image Setting:

- Save Path / File name: Click on the "Browse" button to select the desired path to save as well as naming the snapshot

Save:

- Save the changes that have been made

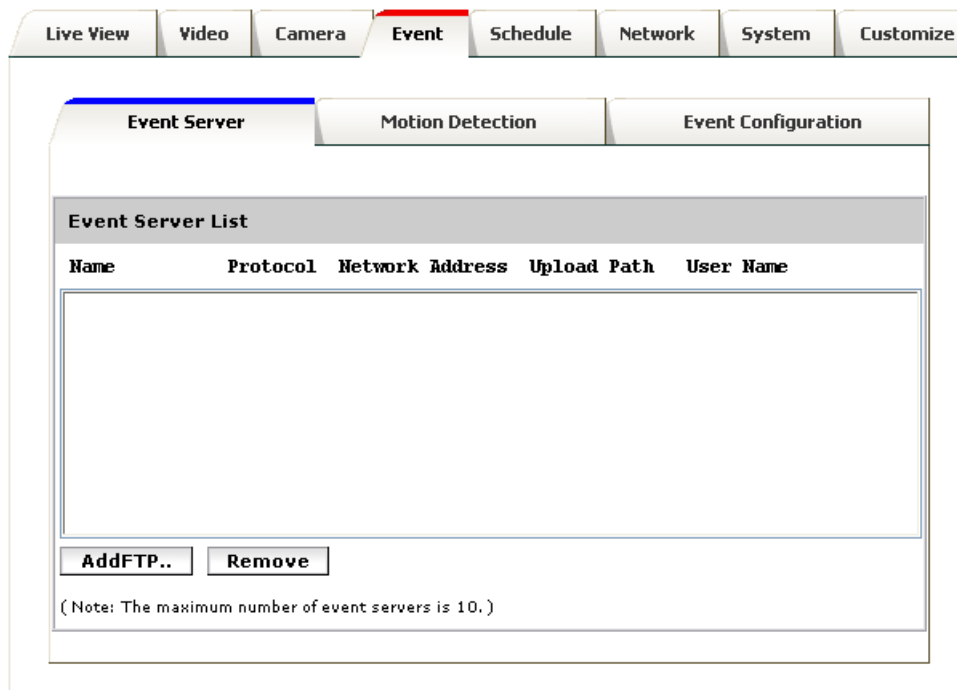
Advance



Exposure: Select the exposure frequency

Distortion Compensation: Enable or disable distortion compensation function.

4. Event



Event Server

(Note: The maximum number of event servers is 10.)

FTP Server

Name:

Network Address:

Upload Path:

Port:

Login Information

User Name:

Password:

Save

Click on the **[Add FTP]** to expand FTP server setting

FTP Server:

- Name: Give a name for the FTP server
- Network Address: Input the network address of the FTP server
- Upload Path: Choose the desired upload path for events
- Port: Input the port number of the FTP server

Login Information:

- Username / Password: Input the username and password of the FTP

Live View Video Camera **Event** Schedule Network System Customize

Event Server Motion Detection Event Configuration

Event Server List

Name	Protocol	Network Address	Upload Path	User Name
NewFTPServer	FTP			Guest

AddFTP.. Remove

(Note: The maximum number of event servers is 10.)

Click **[Remove]** to delete selected event servers (circled in red)

Motion Detection

Event Server **Motion Detection** Event Configuration

Refresh

Motion Detection List

Windows	Area Name

1 **Add** **Del**

(Note: The maximum number of motion detections is 10.
Set New Motion Detection Area :
1. Click 'Add' and rename the windows area.
2. Drag a detection area on the image.)

To add a motion detection area:

1. Click on **[Add]** to set up a detection area
(Set up panel will be expanded)

Motion Detection Setup

Windows Area Name: 2 DefaultWindow

Trigger Level : 3 0

Sensitivity : 3 0

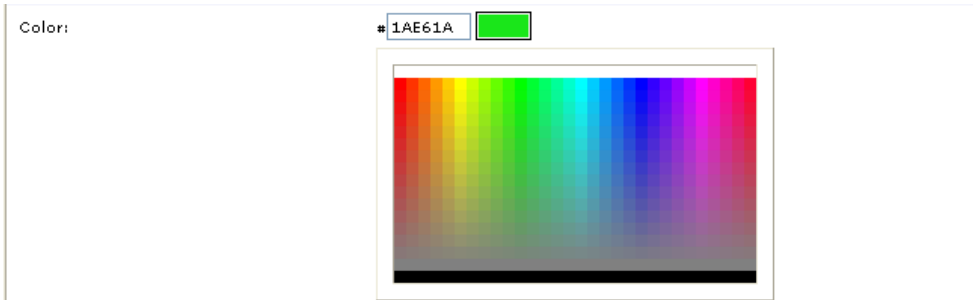
(Sensitivity value:0~100[low~High])

Color: 4 #FF0000

View All Windows
 View Selected Window

Save

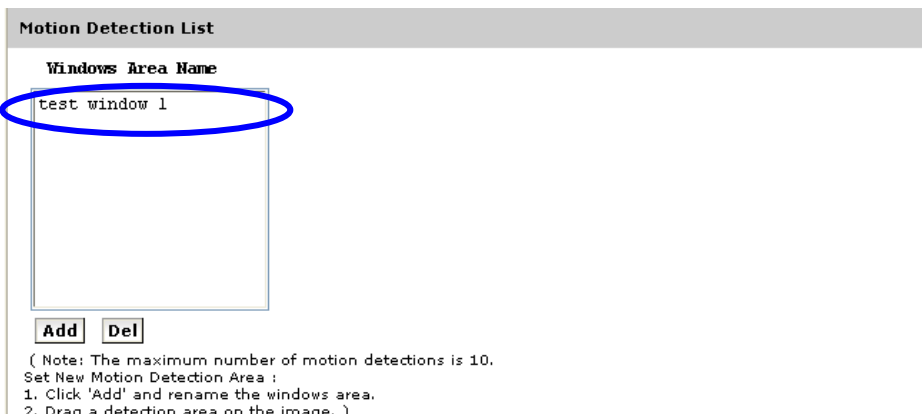
2. Give a name to this window area
3. Select the trigger level and sensitivity for this detection window (0~100, low~high)
4. Select color for detection window



5. Draw detection window on the image



6. Once everything is done, click on **[Save]** to save the configuration made.
Configured detection window will be displayed in motion detection list (circle in blue)



Note: Maximum number of detection window is 10

Event Configuration

The screenshot shows the 'Event Configuration' dialog box. At the top left, there are 'Add...' and 'Remove' buttons. Below them is a note: '(Note: The maximum number of events is 10. Fu=FTP Upload, Eu=Email Upload, Du=Disk Upload, O=Output Port, En=Email Notification, Tn=TCP Notification.)'. The 'Event Type Setup' section contains a 'Name:' field with 'NewEvent', a 'Set min time between triggers:' field with '00:00:00' (max 23:59:59), and 'Respond to Trigger' options: 'Always' (unselected) and 'Never' (selected). Below this is an 'In Window' dropdown. The 'When Triggered...' section has a checked 'Upload Images' checkbox, a 'Select Upload type:' dropdown menu (showing FTP, Email, Disk), an 'Upload to FTP Server' checkbox, a 'Base File Name:' field, and an unchecked 'Send Email Notification' checkbox. At the bottom center is a 'Save' button. Blue circles and numbers 1 through 6 highlight the 'Add...' button, the 'Name' field, the time interval field, the 'Respond to Trigger' options, the 'When Triggered...' section, and the 'Save' button respectively.

To add an event trigger, click on **[Add]** and setup panel will be expanded

2. Give a name to this event.

3. Set the time interval between each trigger

4. Set the time period for the trigger. Choose “Always” or “Never”

5. The trigger condition is Motion Detection. The responding actions can be “Upload images” and “Send Email Notification”

6. Click on **[Save]** to save the configuration made.

5. Schedule

General

Define the day (specified by days of a week) and time (specified by each single hour) for that will be recording during the scheduled period. Note that only video data will be recorded. User can select which video stream should be recorded, and the size of each sliced file. When the check box is ticked and setting is saved, recording process starts. Recording files are saved to the Micro SD storage.

The screenshot shows a web interface for configuring a schedule. The main navigation tabs are Live View, Video, Camera, Event, Schedule (selected), Network, System, and Customize. Under the Schedule tab, there are two sub-tabs: General and Storage. The General sub-tab is active and contains the following settings:

- Enabled
- Stream: 1 2 3
- Slice File Size: 50 (MB)
- Save Device Type: Local Disk

A grid below these settings allows for scheduling recordings by day and hour. The columns represent hours from 0 to 23, and the rows represent days of the week from Monday to Sunday. A legend at the bottom left of the grid shows a red square representing a 'Scheduled' recording. In the grid, the hours from 8 to 16 on Wednesday are marked with red squares, indicating a scheduled recording period. A mouse cursor is hovering over the 16:00 slot on Wednesday.

At the bottom of the configuration area, there is a **Save** button.

Storage

Display the storage information, includes disk size info, type and status. The warning message shows when recording is on process; Micro SD card should not be removed during the recording process.

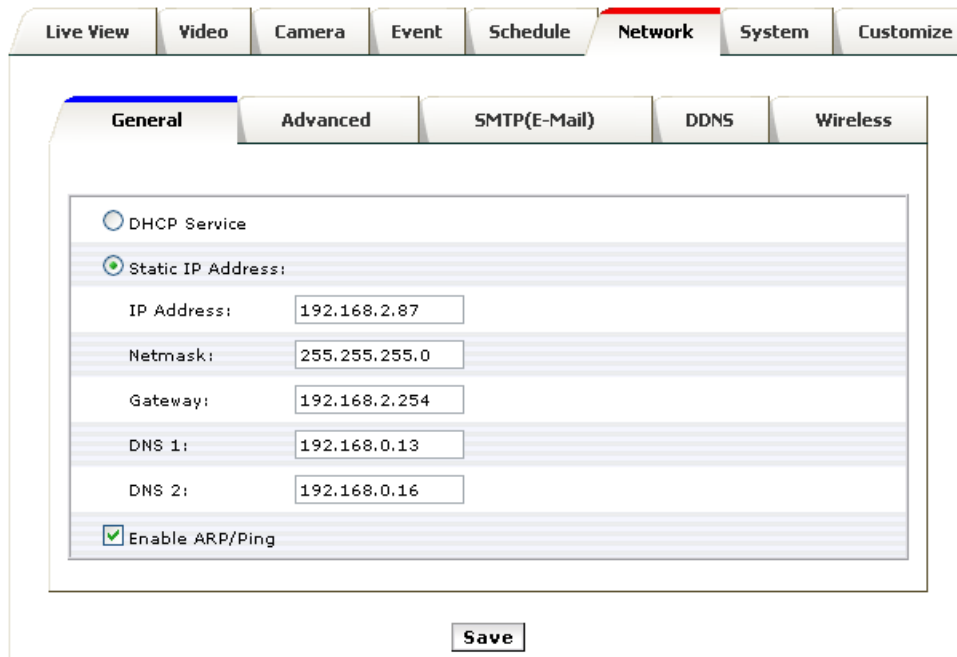
Disk Status	
Model Name:	/dev/mmcblk0p1
Total Size:	1929024 KB
Used Size:	1788864 KB
Free Size:	140160 KB
Disk Type:	SD
Disk Status:	recording

The system is recording now, please stop recording first!

6. Network

General

Device IP configuration, includes DHCP and Static IP setting. “Enable ARP/Ping” enable device to accept ARP or ping packets from the network. Disable this option may provide extra security from intentional ping.



The screenshot displays a web-based configuration interface for a device's network settings. The main navigation bar includes tabs for Live View, Video, Camera, Event, Schedule, Network (highlighted), System, and Customize. Under the Network tab, there are sub-tabs for General, Advanced, SMTP(E-Mail), DDNS, and Wireless. The General sub-tab is active, showing the following configuration:

- DHCP Service
- Static IP Address:
 - IP Address: 192.168.2.87
 - Netmask: 255.255.255.0
 - Gateway: 192.168.2.254
 - DNS 1: 192.168.0.13
 - DNS 2: 192.168.0.16
- Enable ARP/Ping

A Save button is located at the bottom center of the configuration area.

Advanced

Enable or configure other network functions.

NTP: Configure a NTP (Network Time Protocol) server, so that the device system date and time can be synchronized with a specified Time Server or DHCP server.

HTTP: set the HTTP port that will be applied for Web UI access.

Yoics: set the port that will be applied for Yoics Easy installation function.

RTSP: set the RTSP (Video) port for video data transmission.

HTTPS: Enable/Disable Http security function.

Bonjour: Enable Bonjour service, so that the device can be discovered with “Bonjour” service applied.

UPnP: Enable UPnP, so that the device can be discovered in an UPnP Compliant Network.

NAT Traversal: Enable NAT traversal, so that client from Internet can have access to the devices behind the Router.

Note: with UPnP enabled, the IP Sharing device (Router) capable of UPnP function will automatically be noticed with the device’s NAT port.

The screenshot displays a web-based configuration interface for a network device. The top navigation bar includes tabs for Live View, Video, Camera, Event, Schedule, Network (selected), System, and Customize. Below this, the 'Advanced' tab is active, showing various settings sections:

- NTP Configuration:** Two radio buttons are present. The first, 'Obtain NTP server address via DHCP', is unselected. The second, 'Use the following NTP server address:', is selected. Below it, a text input field contains 'time.stdtime.gov.tw' with a note '(host name or IP address)' underneath.
- HTTP Setting:** A text input field for 'HTTP Port' contains the value '80'.
- RTSP Setting:** A text input field for 'RTSP Port' contains the value '554'.
- HTTPS Setting:** A checkbox for 'Enable HTTPS' is unchecked.
- Bonjour Setting:** A checkbox for 'Enable Bonjour' is checked.
- UPnP Notification:** A checkbox for 'Enable UPnP' is checked.
- NAT Traversal Setting:** A checkbox for 'Enable NAT Traversal' is checked. Below it, there are three text input fields: 'NAT-T HTTP Port' (8000), 'NAT-T RTSP Port' (8002), and 'NAT-T RTSP Protocol' (TCP).

A 'Save' button is located at the bottom center of the configuration area.

SMTP (E-Mail)

Configure an email host in the device that will send email on behalf of the configured email account in a circumstance like sending an email notice to a specified mail address (Event Configuration). Complete the Mail Server, Server Port, Authentication information (if required) and the sender email address.

The screenshot shows a web interface for configuring SMTP settings. At the top, there are tabs for 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network', 'System', and 'Customize'. The 'Network' tab is selected. Below it, there are sub-tabs for 'General', 'Advanced', 'SMTP(E-Mail)', 'DDNS', and 'Wireless'. The 'SMTP(E-Mail)' sub-tab is active. The main content area is titled 'SMTP (email) Setting' and contains the following fields:

- Mail Server:** A text input field containing 'smtphost.yourdomain.name'. Below it is the text '(host name or IP address)'.
- Server Port:** A text input field containing '25' and a range indicator '[0..65535]'.
- Authentication:** A checkbox that is currently unchecked.
- User Name:** A text input field containing 'username'.
- Password:** A text input field containing seven dots '•••••••'.
- From (Email Address):** A text input field containing 'username@yourdomain.name'.

Below the settings is a section titled 'Test' with a text input field for 'Send test email to:' containing 'mailto@mailto.com'. A 'Send' button is located to the right of this field. At the bottom of the page, there is a 'Save' button.

DDNS

Dynamic DNS configuration; the network device can be assigned with a host name by registering this service (Internet access required).

Host Name: Assigned name that will be used for access to the device

User Name/Password: Account authentication for logging to this service

Update Time: Periodically, the device updates its access info to sever in the configured time.

Response: the device responds the connection info.

The screenshot shows a web management interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network (highlighted), System, and Customize. Below this is a sub-navigation bar with tabs: General, Advanced, SMTP(E-Mail), DDNS (highlighted), and Wireless. The main content area is titled "Dynamic DNS Setting" and contains the following fields:

- DDNS Enable
- Host Name:
(Link to <http://www.dyndns.org>)
- User Name:
- Password:
- Update Time: (600~86400 Seconds)
- Response:

At the bottom center of the form is a **Save** button.

Wireless (PB630W)

Wireless network searching and device configuration page

Wireless – List of available wireless networks (Access Points); information includes SSID, Mode, Security and Signal Strength.

Wireless Setting: configurations for the camera device for its availability to connect to a wireless network. Clients available in the same network or able to connect to this network can then have an access to the camera device with wireless connection.

Status of Wireless Networks

SSID	Mode	Security	Signal strength
SolleronWireless	infrastructure	WPA-PSK	-68
GLCON	infrastructure	WEP	-68
LF6	infrastructure	WEP	-66
pixord-wireless	infrastructure	WEP	-58
dlink	infrastructure	NONE	-18

Wireless Setting

MAC Address: 0E:B4:9A:18:6F:83

IP Address: not-connect-yet

Netmask: not-connect-yet

Gateway: not-connect-yet

Mode: Infrastructure

Operation Mode: Auto

SSID: Default

Security: None

Save **Reconnect**

7. System

Information

Lists of System and Network configurations

The screenshot displays a web interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted), and Customize. Below this, a sub-navigation bar includes Information (highlighted), User, Date & Time, Server Maintenance, and Log Service. The main content area is divided into sections:

- System**
 - Model: **PIXORD**
 - System up time: **2009-09-07 09:33:42**
 - Firmware version: **1.0.2_rc7.4391**
 - MAC Address: **00:04:29:01:9e:ff**
 - ActiveX Control version.: **1.0.1.131**
- Wireless**
 - Status: **No connection**
- Ethernet**
 - Status: **Connected**
 - Mode: **DHCP**
 - IP Address: **192.168.6.87**
 - Netmask: **255.255.255.0**
 - Default Gateway: **192.168.6.254**
- DNS Server**
 - Primary DNS IP address: **192.168.0.13**
 - Secondary DNS IP address: **192.168.0.16**
- DDNS**
 - Status: **no**

A **Refresh** button is located at the bottom center of the interface.

User

Login users for Web access and operations; authentication required. The Check box is for anonymous logging on to the live view page. Logging for further configurations will still require user name and password.

The screenshot shows a web application interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted with a red underline), and Customize. Below this is a sub-navigation bar with tabs: Information, User (highlighted with a blue underline), Date & Time, Server Maintenance, and Log Service. The main content area is divided into two sections: 'User Setting' and 'User List'. The 'User Setting' section contains a checkbox labeled 'Enable anonymous login (no user name or password required)'. The 'User List' section contains a table with two columns: 'User Name' and 'User Group'. The table has one row with the values 'admin' and 'Administrator'. Below the table are two buttons: 'Add...' and 'Remove'. At the bottom center of the interface is a 'Save' button.

User Name	User Group
admin	Administrator

Date & Time

System date/time configuration. Options of synchronizing with PC and NTP server are provided for automatic adjustment.

The screenshot shows a web-based configuration interface for system date and time. The interface is organized into several sections:

- Navigation Tabs:** Live View, Video, Camera, Event, Schedule, Network, System (highlighted), and Customize.
- Sub-Menu Tabs:** Information, User, Date & Time (highlighted), Server Maintenance, and Log Service.
- Current Server Time:** A section showing the current date as 2009-09-07 and time as 09:48:04.
- Set Server Time:** A section for configuring the server's time settings.
 - Automatically adjust for daylight saving time changes.
 - Time Mode:** Two radio button options:
- Synchronize with computer time (with Date: 2009-09-07 and Time: 09:38:47)
- Synchronize with NTP server (highlighted in blue)
 - Time zone:** A dropdown menu set to GMT+08 (Beijing, Hong Kong, Shanghai, Taipei).
 - Set Manually (with Date: 2009-09-07 and Time: 09:38:42). Below this are examples: (ex: 2008-01-01) and (ex: 01:00:00).
- Save:** A button at the bottom center to save the configuration.

Server Maintenance

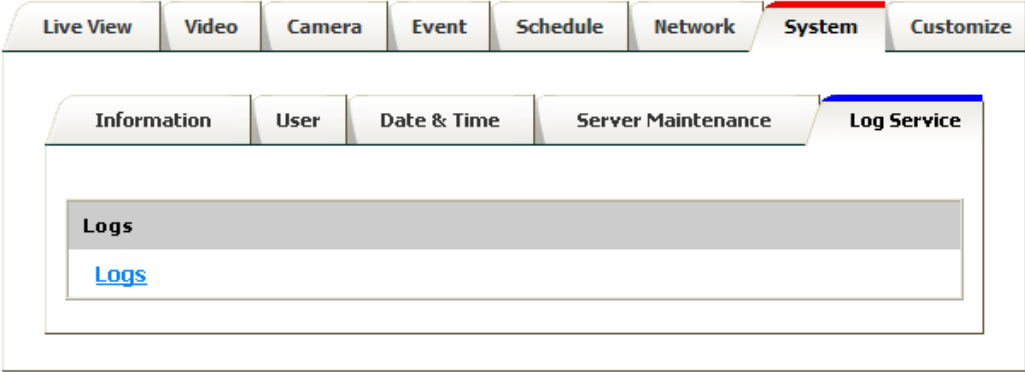
This page provides tool for system maintenance; Reboot and Load default settings, as well as functionalities of launching upgrade process, backup/restore user settings and language defines.

The screenshot shows a web interface for server maintenance. At the top, there are navigation tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted), and Customize. Below this, there are sub-tabs: Information, User, Date & Time, Server Maintenance (highlighted), and Log Service. The main content area is divided into several sections:

- Maintain Server:** Contains two buttons: **Reboot** and **Load default**.
- Firmware Upgrade:** Displays system information: Model: **PIXORD**, Firmware Version: **1.0.2_rc7.4391**, MAC Address: **00:04:29:01:9e:ff**, and ActiveX Version: **1.0.1.131**. Below this is a text input field for specifying the firmware to upgrade, a **Browse...** button, and an **Upgrade** button.
- Backup:** Contains the text "Save all parameters and user-defined scripts to a backup file." and a **Backup** button.
- Upload Setting:** Contains the text "Use a saved backup file to return the unit to a previous configuration." and "Specify the backup file to use:". Below this is a text input field, a **Browse...** button, and an **Upload** button.
- Add Language:** Contains a "Choose language:" dropdown menu with **日本語** selected, a link to </lang/en/lang.js>, and "Get a language file from". Below this is a text input field for selecting a language file to upload, a **Browse...** button, and an **Upload Language** button.

Log Service

Most system operations and / or process will be kept in a log system. The link provides the review of these records.



7. Customize

This page provides the function of adjusting the look of live view page. There are two types of layout settings; use default look or use custom settings.

The screenshot shows a web interface with a navigation bar at the top containing tabs: Live View, Video, Camera, Event, Schedule, Network, System, and Customize. The 'Customize' tab is active. Below the navigation bar is a section titled 'Live View Layout Setting' with two radio buttons: 'Use Default Look' (selected) and 'Use Custom Settings'. Below this is a section titled 'User Defined Links' containing four rows. Each row has a checkbox labeled 'Show Custom Link' followed by a 'Name' field and a 'URL' field. The values in the fields are: Row 1: Custom Link 0, http://; Row 2: Custom Link 1, http://; Row 3: Custom Link 2, http://; Row 4: Custom Link 3, http://. A 'Save' button is located at the bottom center of the form.

Use Default Look: the default layout of live/configuration pages

Use Defined Links: Web link(s) will be presented on the live page when enabled. It can be a link to another IP camera for instance, or other preferred web link.

Use Custom Settings: The modifications allowed are change of Background / Text Color, Background picture, Title, Description, Logo and etc.

Live View Layout Setting

Use Default Look Use Custom Settings

User Defined Links

Show Custom Link 1
Name: Custom Link 0 URL: http://

Show Custom Link 2
Name: Custom Link 1 URL: http://

Show Custom Link 3
Name: Custom Link 2 URL: http://

Show Custom Link 4
Name: Custom Link 3 URL: http://

Custom Settings

Modify the Default Look:

Background Color: Default Own: White

Text Color: Default Own: Black

Background picture: None External: http://

Title: None Default Own: Title

Description: None Default Own: Description

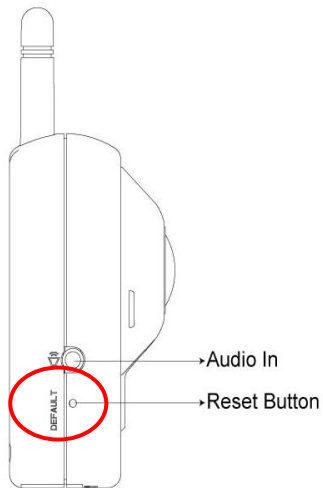
Logo Link: None Default Own: http://

Logo: None Default External: http:// Own

Select image file to upload:

FAQ

Restore Factory Default



To restore factory default, please follow the steps:

1. Unplug the power jack to turn off the power of the camera.
2. Insert a pin into the reset hole as circled with red in the below figures. Sense a button and keep it pressed until instructed to release.
3. Plug in the power jack to turn on device, in about few seconds the status LED will be quick flashing
4. Release the button (remove the pin from the reset hole). The camera should now be back to factory default.