

# **H.264 Series 2-Megapixel Network Camera**

## **N600 / N600E**

### **User's Manual**



**Version: 1.2**

**Date: 01/14/2009**

# Contents

Notices .....	2
Introduction .....	4
Installation .....	5
Using the Web UI .....	10
1. Live View .....	11
2. Video .....	14
General .....	14
Advanced .....	15
3. Camera .....	16
General .....	16
Advance .....	18
4. Event .....	19
Event Server .....	20
Motion Detection .....	21
I/O Ports .....	23
Event Configuration .....	24
5. Schedule .....	26
General .....	26
Storage .....	27
6. Network .....	28
General .....	28
Advanced .....	28
SMTP (E-Mail) .....	30
DDNS .....	31
Easy Connection .....	32
7. System .....	38
Information .....	38
User .....	39
Date & Time .....	40
Server Maintenance .....	41
Log Service .....	42
7. Customize .....	43
FAQ .....	45
Restore Factory Default .....	45
I/O Terminal Connector - Pin Assignment .....	46

# Notices

---

This user manual is intended for administrators and users of the N600 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.**

**Liability**

The supplier reserves the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to the supplier's terms and conditions of sale supplied at the time of order acknowledgment.

The supplier is not responsible or liable for the resale of its products with statements different from or beyond the specification/parameters stated by the supplier. Customers are responsible for their applications using the supplier products. To minimize the risks associated with customer applications, customers should provide adequate operating safeguards. The supplier is under no obligation to provide any further technical support service or product/software alteration beyond the supplier's representation.

Supplier products are not authorized for use in safety-critical applications where a failure of the supplier product would cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use.

Reproduction of the supplier information or datasheets with alteration is an unfair and deceptive business practice. The supplier is not responsible or liable for any such statements.

Every care has been taken of this manual. If there are any inaccuracies or omissions, please inform your local office. The supplier cannot be held responsible for any typographical or technical errors and is not liable or responsible for incidental or damages caused by mishandling.

**Trademarks**

All names used in this manual for hardware and software are probably registered trademarks of respective companies. The supplier is a registered trademark. All rights reserved.

**Support**

If you require any technical assistance, please contact your reseller.

# Introduction

---

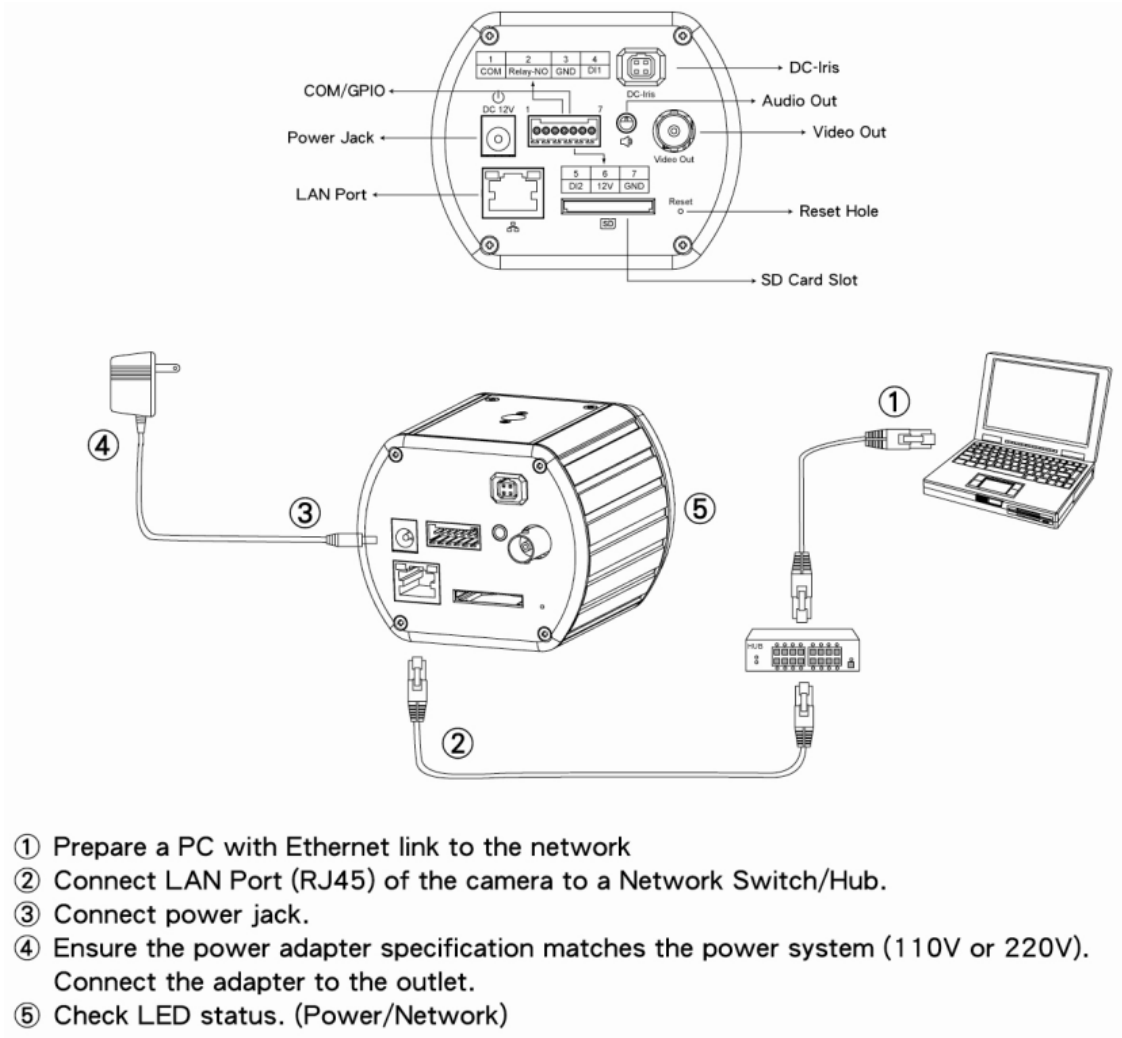
N600 Network Camera delivers superior H.264-AVC performance, state of the art design and function. N600 is specifically adapted for maximum performance indoor applications, such as commercial, banking, government buildings, schools, universities and airports.

H.264-AVC video compression can lower bandwidth and storage requirements without compromising image quality; Motion JPEG is supported for increased flexibility, as well as multiple independent video streaming.

N600 value-added features include; on-board video motion detection, SD slot for storage recording, and two-way audio. N600E available, full PoE (IEEE-802.3af) feature supplies power to the camera via the network, eliminating the need for power cables, reducing installation costs and complexity. Consequently, N600 is "Best in Class" for maximum performance IP video surveillance systems, demanding superior image quality, ease of installation, and intelligent video capabilities.

# Installation

## 1. Hardware Connection



## **2. Software Installation**

The following software is necessary for the proper display and use of the device 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 device 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).



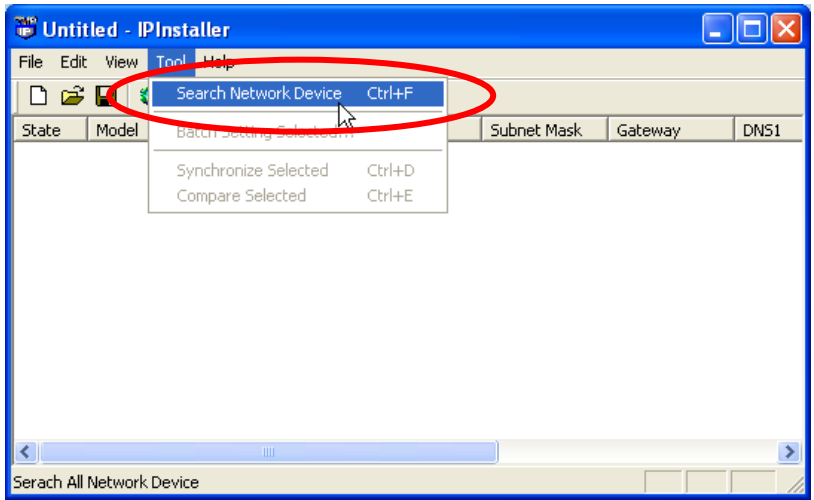
4. Although the IP Installer is able to find and configure any N600 on the LAN except those that are behind a router, it is a good idea to set the host PC to the same subnet. In order to connect to the Web-based user interface of the camera, the host PC must be in the same subnet. For more information about subnets, please consult your network administrator.

#### Using IP Installer to Assign an IP Address to N600

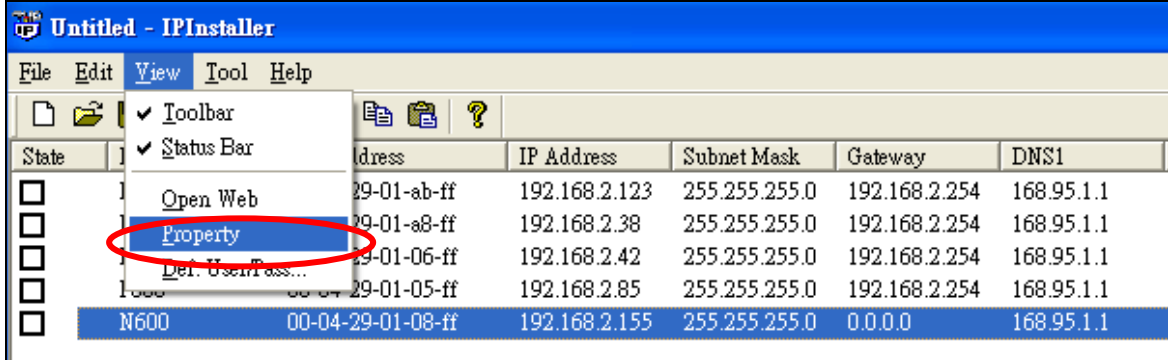
1. Once IP Installer has been successfully installed on the PC, double click the IP Installer icon on the desktop, or select it from Start > Programs > IP Installer > IP Installer > Launch IP Installer.



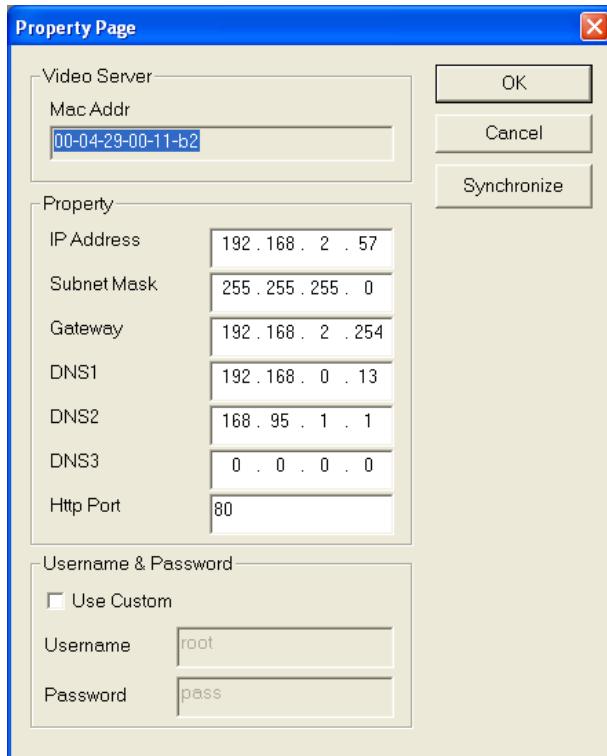
2. Click the menu bar Tool > Search Network Device to search the device in the LAN.



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



5. After filling in the properties, click [Synchronize] button to complete the configuration settings in the remote device while saving configuration in the PC. If click [OK] button, the configuration is only be saved in the PC.



### **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:

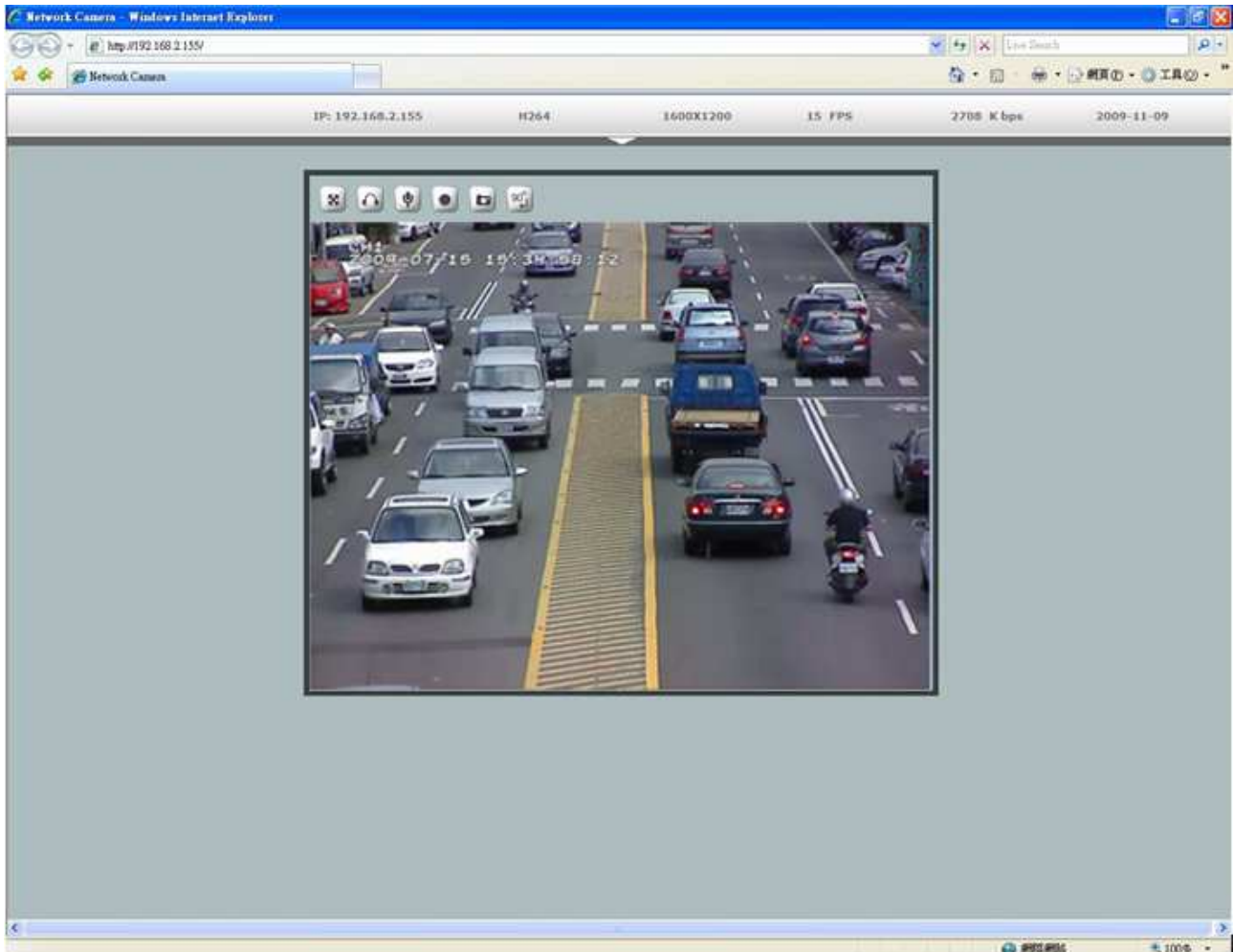
1. From the Tools menu, select [Internet Options]
2. Click the [Security] tab and then click [Custom Level] button to see your current security settings.
3. Set the security level to Low and click [OK].
4. Type the URL or IP address of your camera into the Address field.
5. A dialog box will pop up asking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

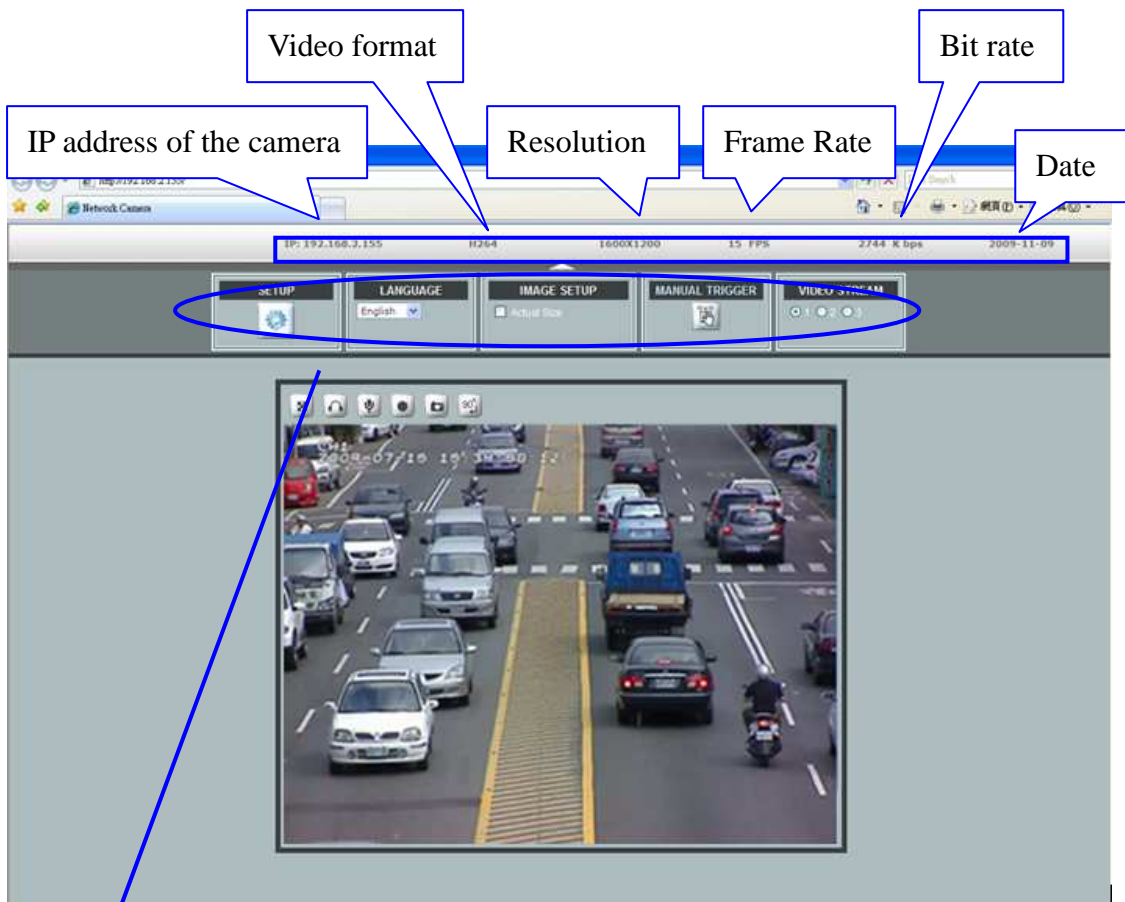
# Using the Web UI






---

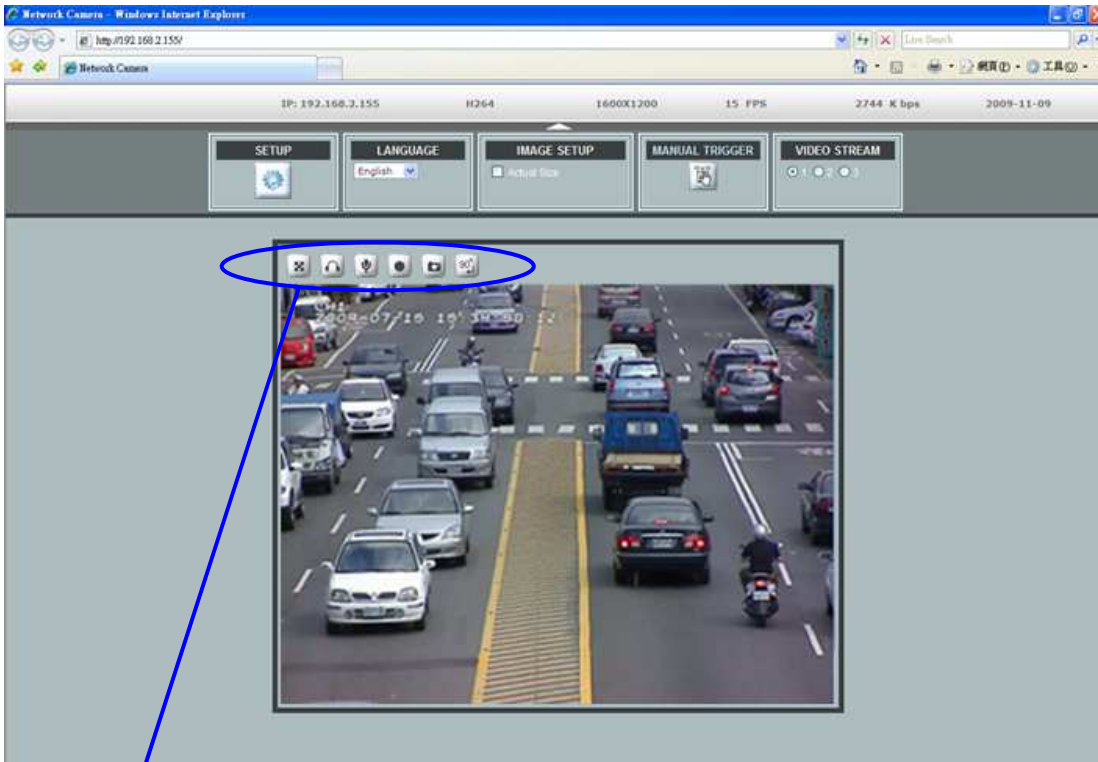
Start your Web browser and enter the URL or IP address in the Address field. The Home page of the camera is now displayed.









# 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
	Click to trigger the alarm manually
	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
	Rotate image 90 degrees clockwise

## **Configuration Pages List**

### Video

- General
- Advance
- External Video Source

### Camera:

- General
- Advance

### Event

- Event Server
- Motion Detection
- I/O Ports
- Event Configuration

### Schedule

- General
- Storage

### Network

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

### System

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

### Customize

- Style Layout

## 2. Video

### General

Live View Video Camera Event Schedule Network System Customize

General Advanced

**Video General Setting**

Enable Stream 1

Enable Stream 2

Enabled Digital PTZ

Enable Stream 3

**OSD Setting**

Enable

Camera Name: CH1 (20 character max)

Date/Time

Save

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

Note: Digital PTZ is only available with stream 2

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

## Advanced

The screenshot shows a web interface for video settings. At the top, there are tabs: Live View, Video (selected), Camera, Event, Schedule, Network, System, and Customize. Below these are sub-tabs: General, Advanced (selected), and External Video Source. The main content area is divided into three sections: Stream 1 Setting, Stream 2 Setting, and Stream 3 Setting. Each section contains various settings like RTSP Path, Resolution, Video Mode, Image Format, GOP, Frame Rates, and Target Bit Rates. A Save button is located at the bottom center.

Stream	RTSP Path	Image Format	Resolution	GOP	Video Mode	Frame Rates	Target Bit Rates	Quality Level
Stream 1	v00	H.264	640 x 480	30 (1~150)	CBR	30 (5~30 FPS)	2000 (64~6000 Kb)	
Stream 2	v01	H.264	640 x 480	30 (1~150)	VBR	30 (5~30 FPS)		Standard
Stream 3	v02	H.264	320x240	30	VBR	30 (5~30 FPS)		Standard

### Stream 1 Setting:

- RTSP Path: It is the stream ID used for RTSP client streaming connection, such as VLC player.
- Resolution: Choose image size from 320x240 to 1600x1200
- 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: Group of pictures
- Frame Rates (FPS): Choose the number of frames to display per second  
With resolution 1600x1200, FPS can only set up to 15FPS. The rest 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 and be adjust, the rest of the settings are fixed.

### 3. Camera

#### General

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

General Advanced



**Camera General Setting**

Brightness:  0

Hue:  0

Saturation:  0

Rotation 180

**Audio Setting**

Audio Enable

**Web Record Setting**

Save Path:

File Name:

**Web Snapshot Image Setting**

Save Path:

File Name:

**Camera General Setting:**

- Brightness, hue and saturation: Adjust the image for a better view
- Rotation 180: Rotate the image by 180 degrees, so that the image becomes upside down. This function is useful when camera device must be physically installed in vertically reversed direction.

**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

**Default:**

- Set **[camera general setting]** and **[audio setting]** back to default

Note: Will not change the configuration of **[Web Record Setting]** and **[web Snapshot Image Setting]**

**Save:**

- Save the changes that have been made

## Advance



**White balance:** Adjust the white balance according to the environment

**Exposure:** Select the exposure frequency

**Max Exposure Time:** Increase / reduce the exposure time for lens

**Max Gain Control:** image at low light control on how much noises are allowed

**Infrared(IR) Cut Filter:** Lighting condition enables the IR Filter to isolate the infrared light at daytime or disable this filter so the infrared light can go into the camera. The IR Cut Filter can be manually set to On/Off.

# 4. Event

**Event Server List**

Name	Protocol	Network Address	Upload Path	User Name
------	----------	-----------------	-------------	-----------

**AddFTP..** **Remove**

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

## 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 I/O Ports Event Configuration

**Event Server List**

Name	Protocol	Network Address	Upload Path	User Name
NewFTPServer	FTP			Guest

**AddFTP..** Remove

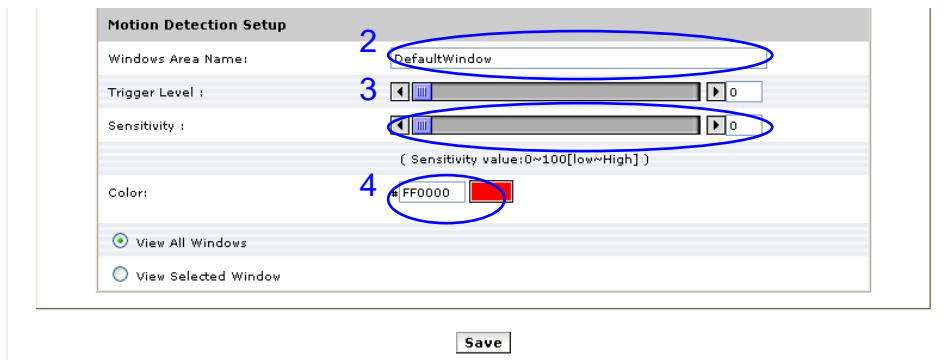
(Note: The maximum number of event servers is 10.)

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

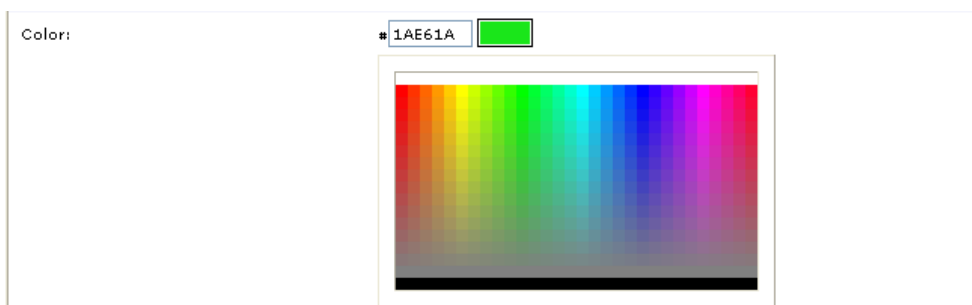
## Motion Detection

To add a motion detection area:

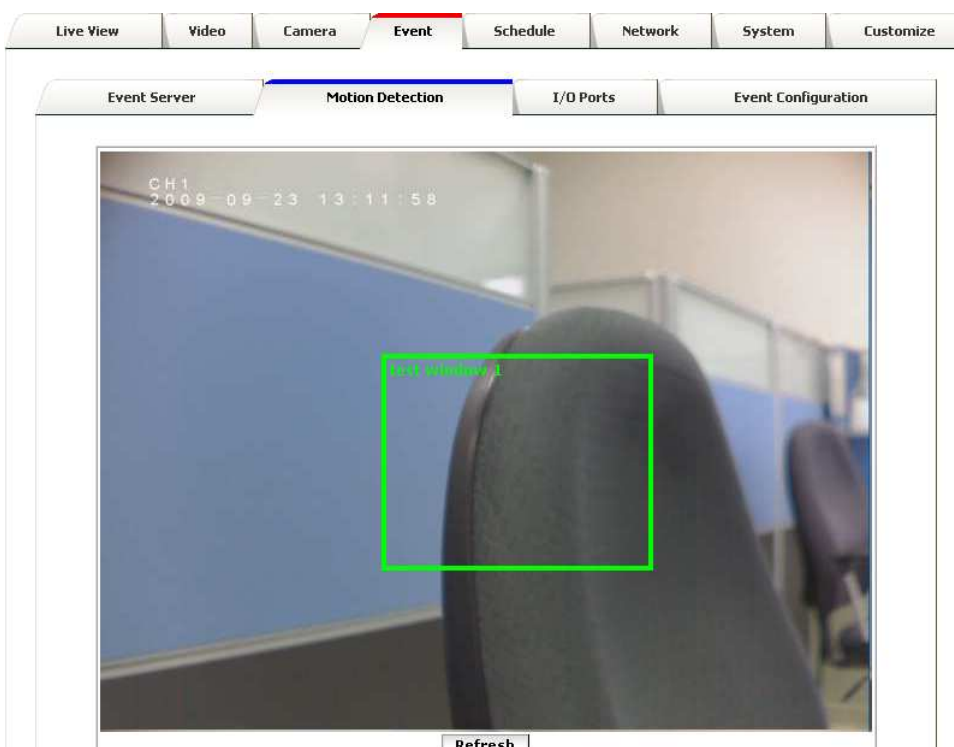
1. Click on **[Add]** to set up a detection area  
(Set up panel will be expanded)



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

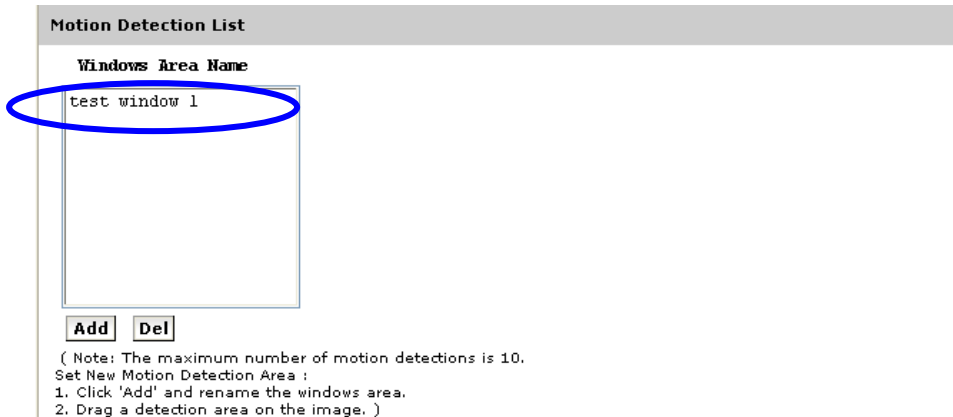


5. Draw detection window on the image



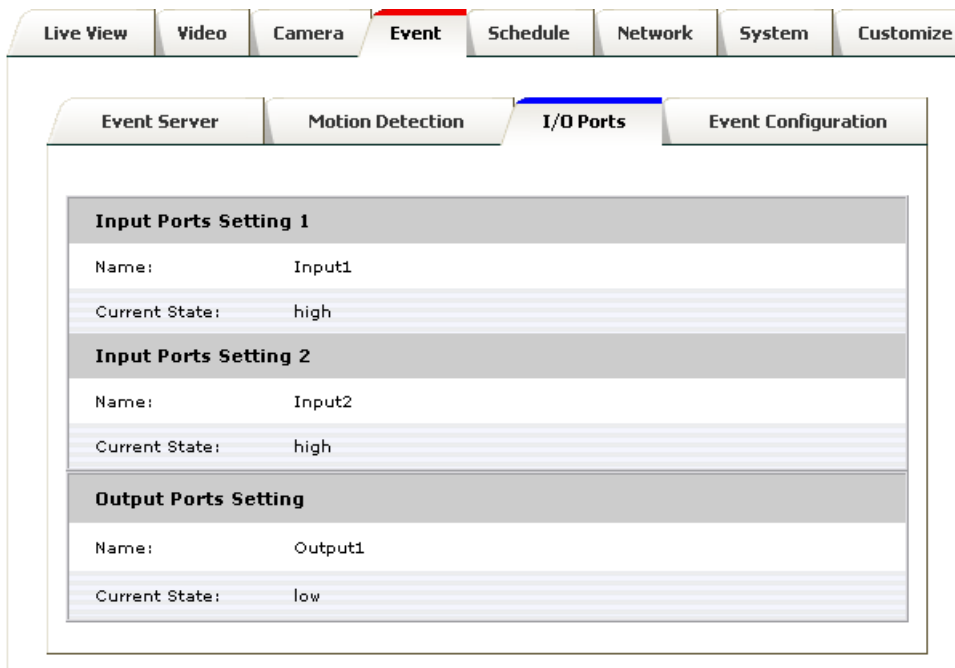
6. Once everything is done, click on **[Save]** to save the configuration made.

Configured detection window will be displayed in motion detection list (circle in blue)



Note: Maximum number of detection window is 10

## I/O Ports



### **Input Ports Setting 1 and 2:**

- Name: The name of Digital Input1/2
- Current State: Current Input state

### **Output Ports Setting:**

- Name: The name of relay output
- Current State: Current Output state

## Event Configuration

The screenshot displays the 'Event Configuration' sub-panel within a larger application window. The main window has tabs for 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network', 'System', and 'Customize'. The 'Event' tab is selected. Inside the 'Event' tab, there are sub-tabs for 'Event Server', 'Motion Detection', 'I/O Ports', and 'Event Configuration'. The 'Event Configuration' sub-tab is active. It contains the following elements:

- Event Record File**: A section with 'File Format: JPEG'.
- Event Type List**: A table with the following headers: **Name**, **Status**, **Enable**, **Trigger**, and **Actions**. The table body is currently empty.
- Buttons**: 'Add...' and 'Remove' buttons are located below the table. The 'Add...' button is circled in blue.
- Notes**: A note at the bottom states: '( Note: The maximum number of events is 10. Fu=FTP Upload, Hu=HTTP Upload, Eu=Email Upload, O=Output Port, En=Email Notification, Hn=HTTP Notification, Tn=TCP Notification. )'

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

**Event Type Setup**

Name:

Set min time between triggers:  (max 23:59:59)

Respond to Trigger

Always

Only during time frame

Sun  Mon  Tue  Wed  Thu  Fri  Sat

Start Time :  (max 23:59:59)

Duration :  (max 168:00:00)

Never

Trigger by  ▼

**When Triggered...**

Upload Images

Activate Output Port

Send Email Notification

**Save**

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”, “During time frame” or “Never”

During time frame: Choose a day and the starting time then configure the duration time (168hrs = 24x7).

For example if duration time is set to 168(hrs), it is the same as choosing “Always”

5. Choose the triggering condition, “GPIN”, “Manual trigger” and “Motion detection”

6. Choose the triggered event. “Upload images”, “Active Output port”, “Send email notification”

7. Finally 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 SD storage.

The screenshot displays the 'Schedule' configuration page with the 'General' tab selected. The 'Enabled' checkbox is checked. The 'Stream' is set to 1. The 'Slice File Size' is 50 MB. The 'Save Device Type' is set to Local Disk. A grid shows the recording schedule for the week of Monday to Sunday. The grid has columns for hours (0-23) and rows for days (Mon., Tue., Wed., Thu., Fri., Sat., Sun.). A legend indicates that red squares represent 'Scheduled' recording. The grid shows a scheduled recording period from 8:00 to 16:00 on Wednesday. A 'Save' button is located at the bottom of the page.

All	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon.																								
Tue.																								
Wed.									■	■	■	■	■	■	■	■	■							
Thu.																								
Fri.																								
Sat.																								
Sun.																								

## Storage

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

The screenshot displays a web interface with a navigation menu at the top containing 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network', 'System', and 'Customize'. The 'Schedule' tab is currently selected. Below the navigation menu, there are two tabs: 'General' and 'Storage'. The 'Storage' tab is active, showing a 'Disk Status' section with the following information:

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

Below the table, there are three buttons: 'Refresh', 'Browse', and 'Remove Event Images'. At the bottom of the storage section, a red warning message reads: '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 menu at the top includes '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 'Easy Connection'. The 'General' sub-tab is active, showing options for 'DHCP Service' (unselected) and 'Static IP Address:' (selected). The Static IP configuration includes fields for IP Address (192.168.2.155), Netmask (255.255.255.0), Gateway (192.168.2.254), DNS 1 (168.95.1.1), and DNS 2 (168.95.1.1). Below these is a section for 'PPPoE' with fields for 'User Name' (username) and 'Password' (masked with asterisks). A note states: '(Note : Please make sure 'Email Setting' has been set!)'. At the bottom, there is a checked checkbox for 'Enable ARP/Ping' and a 'Save' button.

### 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. This configuration is provided for one of the portions of system date/time adjustment.

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

**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 image shows a web-based configuration interface for a network device. At the top, there are tabs for 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network' (which is highlighted with a red underline), 'System', and 'Customize'. Below these, there are sub-tabs for 'General', 'Advanced' (which is selected and highlighted with a blue underline), 'SMTP(E-Mail)', 'DDNS', and 'Easy Connection'. The main content area is divided into several sections, each with a grey header:

- NTP Configuration:** Two radio buttons are present. The first is 'Obtain NTP server address via DHCP'. The second is 'Use the following NTP server address:', which is selected. Below it, there is a text input field for 'Network address:' containing 'time.stdtime.gov.tw' and a note '(host name or IP address)'.
- HTTP Setting:** A text input field for 'HTTP Port:' containing '80'.
- Yoics Setting:** A text input field for 'Yoics Port:' containing '88'.
- RTSP Setting:** A text input field for 'RTSP Port:' containing '554'.
- HTTPS Setting:** A checkbox labeled 'Enable HTTPS' which is currently unchecked.
- Bonjour Setting:** A checkbox labeled 'Enable Bonjour' which is checked.
- UPnP Notification:** A checkbox labeled 'Enable UPnP' which is checked.
- NAT Traversal Setting:** A checkbox labeled 'Enable NAT Traversal' which is unchecked.

At the bottom center of the interface, there is a 'Save' button.

## 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).

Sender: Complete the Mail Server, Server Port, Authentication information (if required) and the sender email address.

Receiver: the receiver email address

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

- Mail Server:  (host name or IP address)
- Server Port:  [0..65535]
- Authentication
  - User Name:
  - Password:
- From ( Email Address ):
- Send email to:

At the bottom right of the form is a **Test** button, and at the bottom center of the page 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.

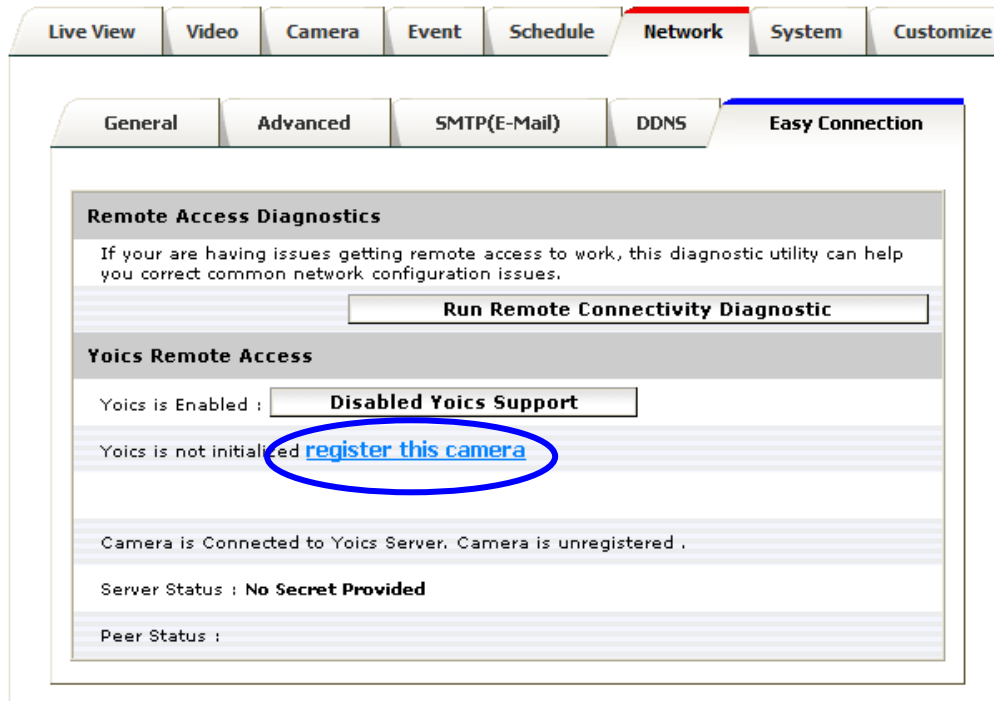
The screenshot shows a web interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network (highlighted in red), System, and Customize. Below this is a sub-navigation bar with tabs: General, Advanced, SMTP(E-Mail), DDNS (highlighted in blue), and Easy Connection. 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: no

A "Save" button is located at the bottom center of the form.



## Easy Connection

Support remote internet connection, just register online once and save all the trouble with network configuration.



## Connecting steps:

1. Click "register this camera" and will be directed to <http://pixord.yoics.com>
2. Register a new account for new user
3. Login with the created account



Home  
Forum  
Support

### Welcome to PIXORD Remote Viewing

POWERED BY Yoics

The PIXORD remote viewing website allows you to access your PIXORD cameras remotely through a simple configuration solution. Just follow these Quick steps to get your product configured, internet accessible and shareable.

#### Easy Setup Process

- Step 1** Power up and plug in your network camera
- Step 2** Create a Yoics account or use your existing Yoics account login
- Step 3** Yoics will detect the new camera. Complete registration
- Step 4** Your product is now ready to use for remote viewing and sharing

Yoics makes it possible to view any PIXORD compatible camera that's connected to a PC (USB) or Computer network (Ethernet) anytime, anywhere using an internet browser including compatible mobile devices. Even better, the cameras are shareable to anyone you want securely and privately.

Currently, the PIXORD remote viewing website supports the following PIXORD devices:  
**Network Cameras P606 / P606W**

E-mail / ID:

Password:  [Forgot Password](#)

Remember Me

Login

#### New Registration

E-mail Address \*

Confirm E-mail

Password \*

Confirm Password

Security Question \* Favorite Pet's Name

Security Answer \*

First Name \*

Last Name \*

Country

Referred By

Friend Email

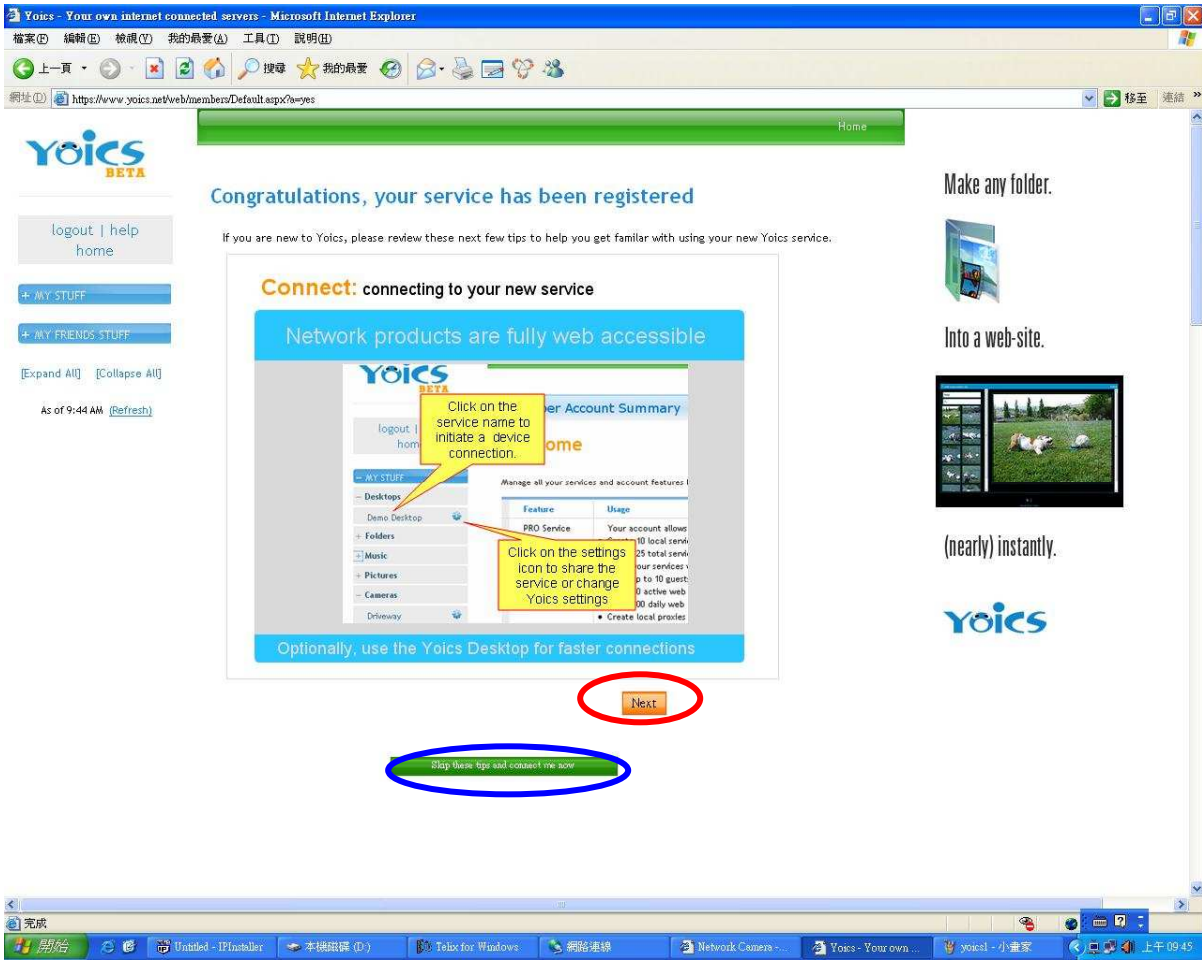
Security Code \*

Register

4. The camera will be auto-detected. Follow the steps and click "Continue".

The screenshot shows a Microsoft Internet Explorer browser window displaying the Yoics website. The browser's address bar shows the URL <https://www.yoics.net/web/members/Default.aspx?e=yes>. The website header includes the Yoics logo and a navigation bar with links for 'logout | help home', '+ MY STUFF', and '+ MY FRIENDS STUFF'. The main content area is titled 'Member Account Summary' and features a 'Welcome' message. A prominent notification box titled 'We found a new product?' is overlaid on the page, containing the text: 'We have detected a new Pixord product on your local network. To register your new product, press the Continue button and follow the instructions.' Below this text is a 'Continue' button, which is circled in blue. To the right of the notification box is a 'Remind me later' link. Below the notification, there is a table with columns for 'Feature' and 'Usage'. The 'Feature' column lists 'BASIC Service', and the 'Usage' column lists various capabilities such as 'Upgrade now access and add services', 'Create 10 local proxies', 'Create 25 local proxies', 'Up to 1 act...', 'Up to 100 daily web connections', 'Create local proxies to local web content', 'Create up to 1 shared camera(s) per computer', and 'Web connections last for 1 hours'. Below the table is a section titled 'Shared services and devices' with instructions to 'Configure content on the web. It's easy!' and 'Click on the settings icon to make changes to one of your products or services.' At the bottom of the page, there is a 'Your Services' table with columns for 'Service name', 'State', and 'Settings'. The bottom of the browser window shows the Windows taskbar with several open applications, including 'Untitled - IPInstaller', '本機磁碟 (C:)', 'Telix for Windows', '網路連線', 'Network Camera - Mic...', and 'Yoics - Your own inter...'. The system clock shows the time as 上午 09:43.

Click "Next" (circle in red) to see the next tip or click "Skip" (circle in blue) to skip all the tips.



## 5. Name your camera

### Register your new product

Congratulations, you're ready to register your new Yoics enabled product. Enter a name for your product and press Register Now.

The registration form is divided into two main sections. On the left, there is a checkbox labeled "HTTP Camera Viewer" which is checked. Below it is an image of a white camera with the "PIXORD" logo and the tagline "Moving Pictures Around The World". On the right, there is a text input field with the placeholder text "Give your product a name" and the value "RC2\_4856" entered. Below the input field, it says "(max 15 letters/numbers)". A red arrow points from the input field to a "Register Now" button, which is also circled in red. Below the button, it says "May take 10-15 seconds".

6. A list showing all detected cameras on the left. Click on the camera for viewing.

Yoics BETA

logout | help home

MY STUFF

Cameras

P606W2 Camera

**P606W3 Camera**

MY FRIENDS STUFF

DEMO

the mole

[Expand All] [Collapse All]

As of 3:00 PM [Refresh](#)

samkao@pixord.com | Home | Password

### Member Account Summary

## Welcome

Manage all your services and account features here.

Feature	Usage	Expires	
BASIC Service	<p><b>Upgrade now to get more services, faster web &amp; mobile access and advanced webcam and network storage services.</b> Your FREE account allows you to</p> <ul style="list-style-type: none"> <li>• Create 10 local services.</li> <li>• Create 25 total services.</li> <li>• Up to 1 active web connections.</li> <li>• Up to 100 daily web connections.</li> <li>• Create local proxies to local web content.</li> <li>• Create up to 1 shared camera(s) per computer.</li> <li>• Web connections last for 1 hours. <a href="#">Full description</a></li> </ul>	9999/12/31	<a href="#">Upgrade Now</a>

### Shared services and devices

Configure content on the web. It's easy!

Click on the settings icon to make changes to one of your products or services.

Service name	State	Settings
P606W3 Camera	active	
P606W2 Camera	active	
LoxexCam-Pixord	inactive	
P606W Camera	inactive	
My Desktop	inactive	
My Pictures	inactive	
My Documents	inactive	
USB	inactive	
Camera 1	inactive	

If you need to register a product that was not automatically detected by this site, click the link below.

[Manual Registration](#)

Make any folder.



Into a web-site.



(nearly) instantly.



Yoics BETA

logout | help home

MY STUFF

Cameras

P606W2 Camera

**P606W3 Camera**

MY FRIENDS STUFF

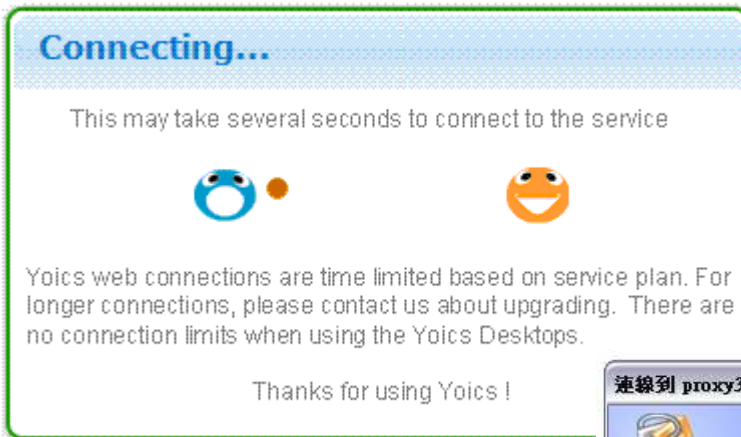
DEMO

the mole

[Expand All] [Collapse All]

As of 3:00 PM [Refresh](#)

7. Connecting to the device, input device username and password for viewing.



## 7. System

### Information

Lists of System and Network configurations

The screenshot shows a web interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted), and Customize. Below this is a sub-navigation bar with tabs: Information (highlighted), User, Date & Time, Server Maintenance, and Log Service. The main content area displays configuration details for the System, Ethernet, DNS Server, and DDNS sections. A Refresh button is located at the bottom of the configuration area.

System	
Model:	PIXORD
System up time:	2009-09-08 10:48:05
Firmware version:	1.0.2_rc7.4391
MAC Address:	00:04:29:01:05:ff
ActiveX Control version:	1.0.1.131

Ethernet	
Status:	Connected
Mode:	DHCP
IP Address:	192.168.6.85
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

## 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 interface for system configuration. At the top, there is a navigation bar with tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted in red), and Customize. Below this, there is a sub-navigation bar with tabs: Information, User, Date & Time (highlighted in blue), Server Maintenance, and Log Service. The main content area is titled "Date & Time" and contains the following sections:

- Current Server Time**: A section with two input fields: "Date:" containing "2009-09-07" and "Time:" containing "09:48:04".
- Set Server Time**: A section with a checked checkbox "Automatically adjust for daylight saving time changes." and a "Time Mode:" label.
- Synchronize with computer time**: A radio button option, currently unselected. Below it are "Date:" (2009-09-07) and "Time:" (09:38:47) input fields.
- Synchronize with NTP server**: A radio button option, currently selected and highlighted in blue.
- Time zone:**: A dropdown menu showing "GMT+08 (Beijing, Hong Kong, Shanghai, Taipei)".
- Set Manually**: A radio button option, currently unselected. Below it are "Date:" (2009-09-07) and "Time:" (09:38:42) input fields. Below these are examples: "(ex: 2008-01-01)" and "(ex: 01:00:00)".

At the bottom center of the page, there is a "Save" button.

## Server Maintenance

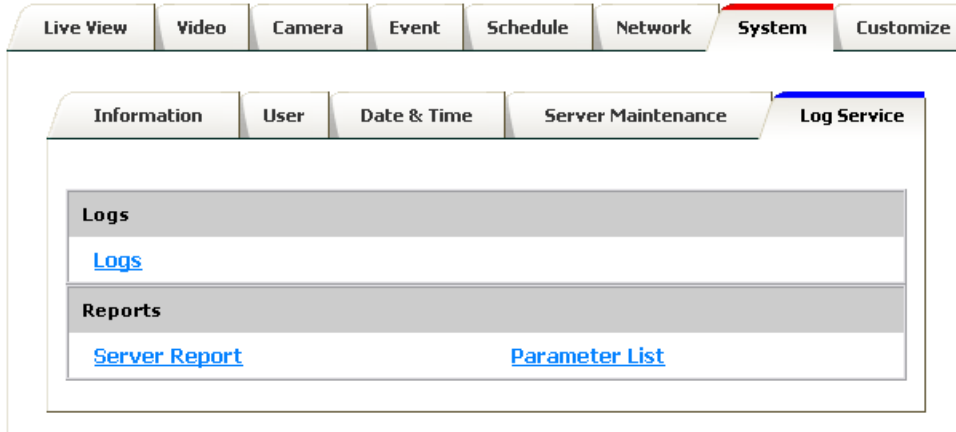
This page provides tool for system maintenance; Reboot and Load default settings, as well as functionalities of launching upgrade process, backup/restore user settings and language defines.

The screenshot displays the 'Server Maintenance' section of a web interface. The top navigation bar includes tabs for 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network', 'System' (which is highlighted), and 'Customize'. Below this, a sub-navigation bar contains 'Information', 'User', 'Date & Time', 'Server Maintenance' (highlighted), and 'Log Service'. The main content area is organized into several functional 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**. It includes a text input field for 'Specify the firmware to upgrade:' with a 'Browse...' button and an 'Upgrade' button.
- Backup:** Features the instruction 'Save all parameters and user-defined scripts to a backup file.' and a 'Backup' button.
- Upload Setting:** Features the instruction 'Use a saved backup file to return the unit to a previous configuration.' and a 'Specify the backup file to use:' field with a 'Browse...' button and an 'Upload' button.
- Add Language:** Includes a 'Choose language:' dropdown menu currently set to '日本語', a link to '/lang/en/lang.js', and a 'Select language file to upload:' field with 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: Custom Link 0, Custom Link 1, Custom Link 2, and Custom Link 3 for the names; and http:// for the URLs. 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

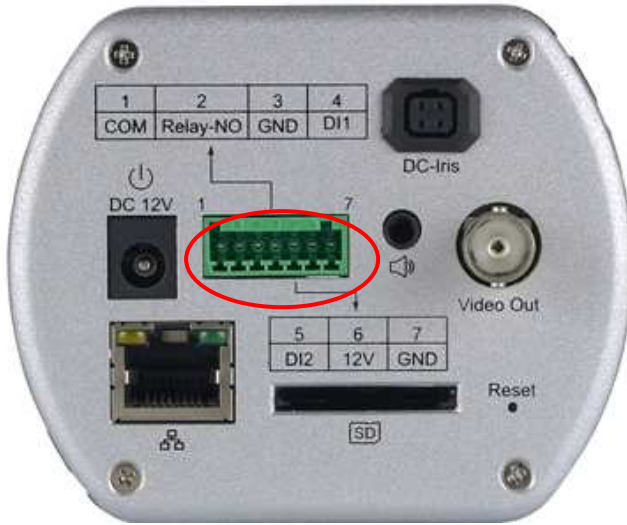
## Restore Factory Default



To restore factory default, please follow the steps:

1. Unplug the power jack to turn off the camera
2. Insert a pin into the reset hole (circle in red) Sense a button and keep it pressed until instructed to release.
3. Plug in the power jack to turn on the camera. The power LED will start flashing in a short while.
4. Release the pin when the LED starts quick flashing. The device should be set back to factory default.

## I/O Terminal Connector - Pin Assignment



Pin	Function	Description
1	COM	Digital output implementation; Pin2 to COM (Pin1) is a Photo-coupled relay on Normal Open status. External device can directly connect to the terminals. However the current that will go through the 2 nodes must not exceed 100mA. An external "Relay" can also be connected to the terminals as an implementation. In this case, current (or/and voltage) limitation is specified by the external Relay.
2	Relay-No	
3	GND	Two sets of Digital Input, DI1 and DI2; the internal device is also photo-coupled electrical relay. In practice, the external device can be simply an On/Off switch.
4	DI1	
5	DI2	Two sets of On/Off switch can be connected as different trigger source.
6	12V	An extra power entry for the camera device; or if power is supplied from the DC jack, Pin6 can provide 12V power output. This power can be supplied for the external "Relay" device.
7	GND	