TABLE OF CONTENTS

1 - INTRODUCTION

1.1 SAFETY INSTRUCTIONS

1. **Use the proper power source.**

   Do not use this product with a power source that applies more than specified voltage (100-240V AC).

2. **Never insert anything metallic into the camera.**

   Inserting metal object into the camera can be a source of dangerous electric shock.

3. **Do not operate in wet or dusty environment.**

   Avoid places like a damp basement or dusty hallway.

4. **Do not attempt to disassemble the camera.**

   You may be subjected to severe electrical shock if you attempt to take apart the camera while the camera is connected to its power source. If there are any unusual sounds or smells coming from the camera, unplug it immediately and contact Customer Service.

5. **Handle the camera carefully.**

   Dropping the camera on any hard surface may cause a malfunction. If the camera does not work properly due to physical damage, please contact Customer Service for repair or exchange.

6. **Apply to FCC Rule**

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

7. **FCC Radiation Exposure Statement**

   This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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1.2 - BENEFITS

- ✓ Watch what's going on as it happens in real time.
- ✓ Save your recorded files and snapshots onto your computer's hard drive.
- ✓ Backup and move your videos off-site with either a USB flash drive or external hard drive.
- ✓ Set up your camera to be accessed from any Internet-connected computer. Friends, family, and co-workers can be given permission, too. Double-encoded bit network transmission keeps your video secure.
- ✓ Get notified of system events, motion detection, and external alarm activation – by e-mail, too!
- ✓ Download and install software on your mobile phone to view your camera.
- ✓ Pierce low-light conditions with Infrared LED light (night vision) technology.
- ✓ Display menus in your language with Multi-lingual OSD (Operating System Display).
- ✓ Configure your camera with a familiar look and feel with graphical interface.
- ✓ Connect wirelessly or hard-wired to your local router for live local and remote internet viewing.
- ✓ Utilize the audio talkback feature between the camera's built-in microphone & audio output to the online viewing interface.
- ✓ Store more videos on the camera and use less space with AVI video compression format.
- ✓ Determine playback clarity with resolution options (320 x 240) or (640 x 480).

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1.3 – CAMERA SPECIFICATIONS

Model	**CM-I11133WT**
Image Sensor	CMOS
Display Resolution	VGA (640 x 480), QVGA (320 x 240)
Lens	3.6mm
Minimum Illumination	0.1 Lux
Number of LED Bulbs	12 IR LEDs
IR Viewing Distance	33’
Web Server	Built-In
Image Compression	AVI
Image Frame Rate	15fps (VGA), 30fps (QVGA)
Mirror Images	Vertical / Horizontal Flip
Ethernet	One 10/100Mbps RJ-45
Supported Protocol	TCP/IP,HTTP,ICMP,DHCP,FTP,SMTP,PPPoE
Wireless Standard	IEEE 802.11b/g
Pan/Tilt Angle	N/A
Alarm Input/Output	N/A
Operating System	Microsoft Windows XP/Vista/Windows 7. Internet Explorer 8.0 or above
Mobile Phone	Supported on iPhone and Smart Phones using Phone Internet Browser
Power Supply	DC 5V 2A
Operation Temperature	-10° ~ 50°C (14F ~ 122F)
White Balance	Auto
Backlight Balance	Auto
Weatherproof	No
S/N Ratio	>48DB (AGC Off)
Supported Languages	English, Español, Deutsch, 简体中文, Française

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1.4 PACKAGE CONTENTS

(1) Wireless Network IP Camera

(1) DC Power Supply

(1) Software CD for installing the IP Camera

(1) Mounting Bracket

(1) Antenna

(1) Network Cable

(1) User's Manual

(1) Mounting Hardware

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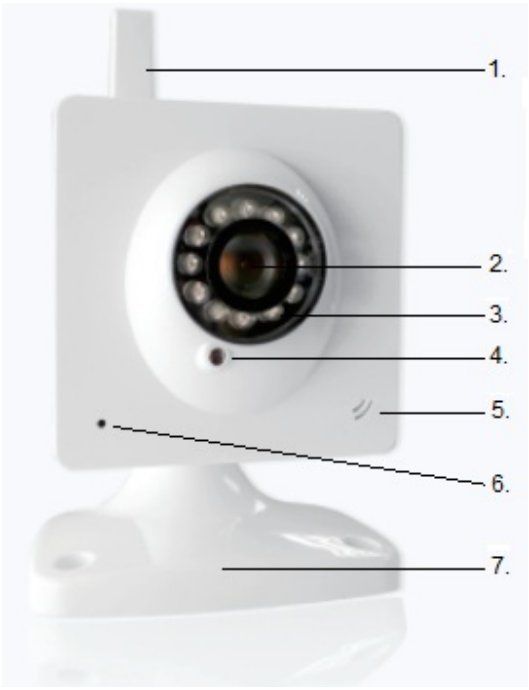
2 – CAMERA PANELS AND CONTROLS

2.1 – IP CAMERA FRONT IMAGE



1.	Built-in Antenna	6	Network Indicator Light
2	Lens	7.	Mounting Bracket
3	Ring of LED Bulbs		
4	Light Sensor		
5	Microphone		

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2.2 – IP CAMERA INPUT PANELS

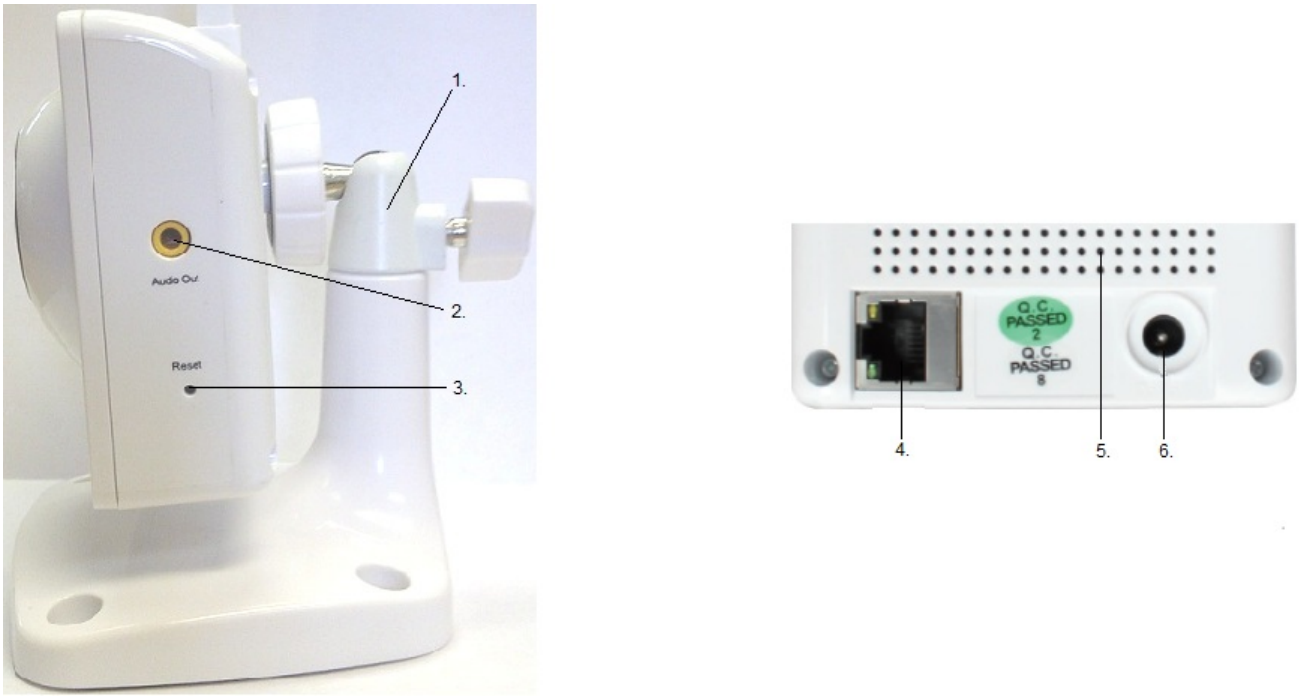

Figure 2- 1: IP Camera Input Panel

1. Mounting Bracket
2. 3.5mm Audio Output Port
3. Reset Button
4. LAN Input Port
5. 5V 2A DC Power Input Port

- This camera does not have built-in audio speaker. In order to listen to User-to-Camera audio, you must insert an audio speaker device into the 3.5mm Audio Output port.

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2.3 – SYSTEM REQUIREMENTS

CPU:	2.06GHZ or above
Memory:	256M or above
Network Card:	10M or above
Display Card:	64M or above
Operating System:	Windows XP/Vista/Windows 7 (32 bit OR 64 bit)
Hard Disk Drive:	No Maximum Storage Requirement
Internet Explorer:	Version 5.0 or above
DirectX:	Version 8.0 or above
Audio Card:	PC must have microphone and speaker connected and configured for 2-Way audio play.
Network Protocol:	TCP/IP, UDP, SMTP, PPPoE, Dynamic DNS, DNS Client, SNTP, BOOTP, FTP, SNMP, Wifi (802.11 b/g)

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3 – INSTALLATION

3.1 – CONNECTING YOUR CAMERA TO YOUR LOCAL NETWORK

When installing the camera to the local network for the first time, the camera must be connected to an ethernet input on your router so that your network can locate your camera.

1. Power on the camera in close proximity to your router.
2. Directly connect your camera to your router using the Ethernet cable (included). If the yellow and green indicator lights on the camera are blinking, then your camera is successfully communicating with your router.
3. Insert the software CD (included) into your PC.
4. Run the program labeled "OCX Setup" from the file folder on the software CD.
5. After the "OCX Setup" program has installed, install the "Search Tool."
6. If the "Search Devices" icon does not appear on your desktop, look in your program files for the folder called "Search Devices."
7. From the "Search Devices" folder, run the Search Tool.
8. Click "Search" to find the IP Camera on your router. (If you have several items on your router, check the bottom of the camera for the factory IP setting.)
9. Once you have located the camera on your router, open the Command Prompt (cmd).
10. From the Command Prompt, type in 'ipconfig' then press Enter.
11. Write down the number that represents the Default Gateway, then go back into the Search Tool.

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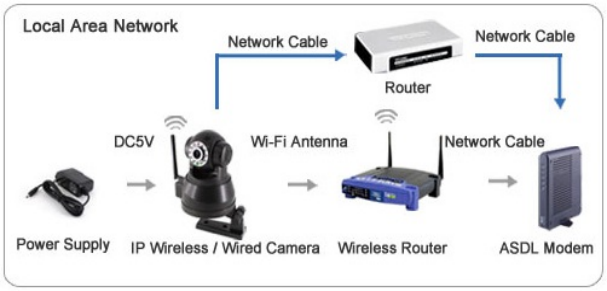

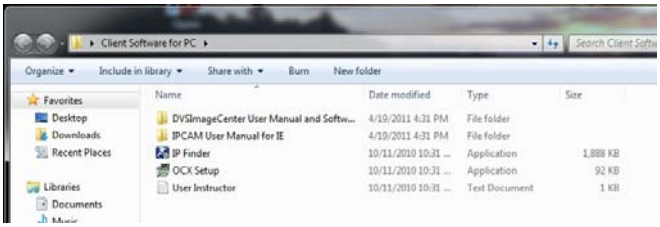

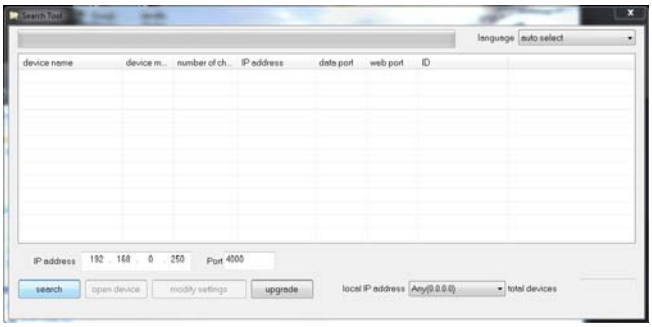

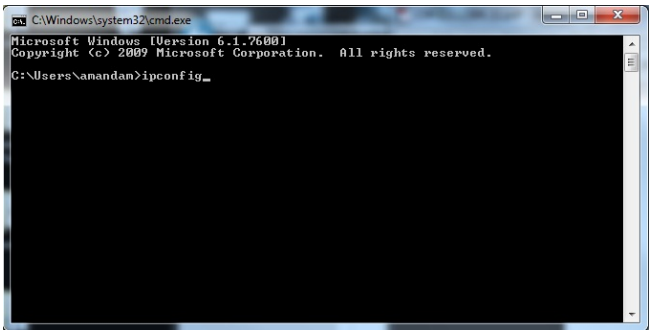

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3.2 – CONNECTING YOUR CAMERA TO YOUR LOCAL NETWORK-CONTINUED

12. From the Search Tool, select your IP camera, then click on Modify Settings.
13. Here, you will need to re-address your camera's IP address based off of your Default Gateway. For example; if your Default Gateway is 192.168.1.1, you should change the last set of values of your address from 1 to a larger value such as 99. Therefore, your new address will read "192.168.1.99" (The last set of values must be lower than 254)
14. Next, change the Gateway and the DNS IP address in the network settings to exactly match your Default Gateway.
15. Now, change the Data Port to 80.
16. Last, enter the Username and Password. The Username will be 'admin' and the Password field will remain empty.
17. Last, click 'OK' and your camera will automatically reboot as it saves all changes that you have just made.

*The first time that you connect to your camera either from your local network of from a remote network, you will need to connect using an Internet Explorer browser, and you must prompt three necessary ActiveX Controls.

Please refer to Section 4 for ActiveX configuration.

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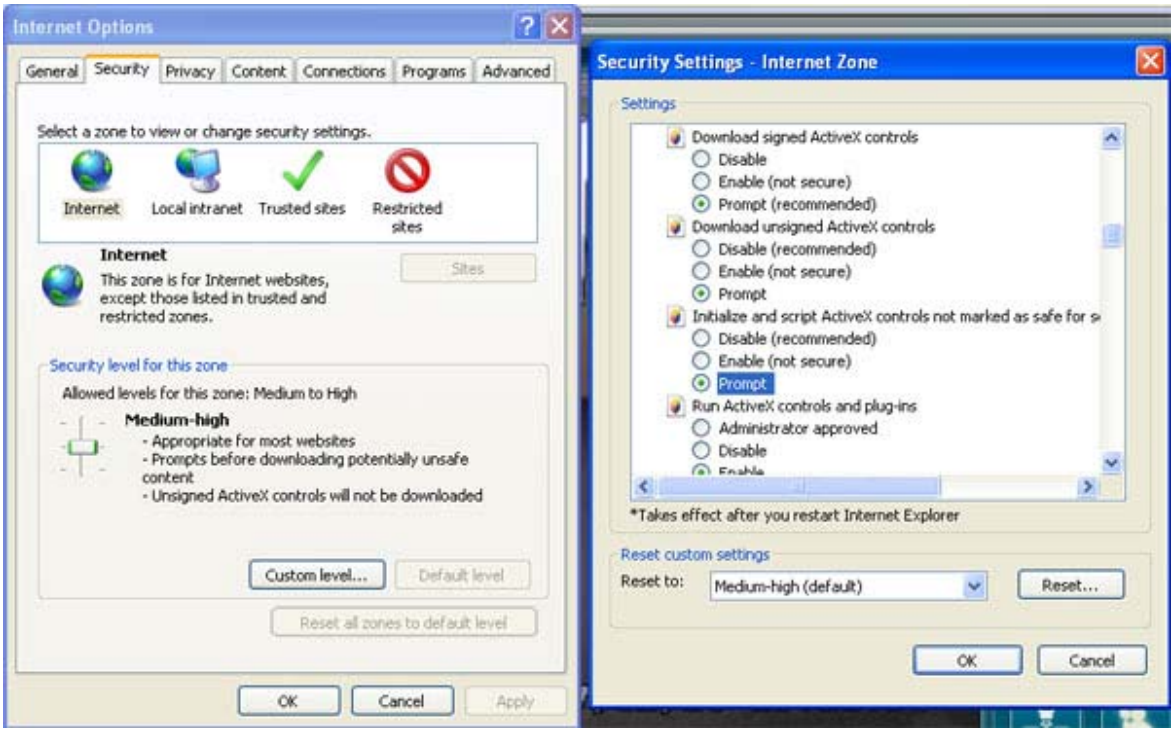
4– PROMPTING THE NECESSARY ACTIVEX CONTROLS

The first time you access your camera online from a new computer (including the LiveDemo), you will need to prompt three necessary ActiveX controls.

1. From Internet Explorer click on "Tools" then select "Internet Options." Select the "Security" tab, and then click the "Custom Level" button.

*If you are using either Windows Vista or Windows 7, please run Internet Explorer as Administrator.

Now, change the three following options to "Prompt":
---Download Signed ActiveX controls
---Download unsigned ActiveX controls
---Initialize and script ActiveX controls not marked as safe for scripting.



2. After all three Active X controls are prompted; please login to your camera's IP address. If this is your first time logging into your camera, you will type into an Internet Explorer browser 错误！超链接引用无效。 followed by the IP address that you've entered into the IP address field of the network settings section. For example, the address will look like this;

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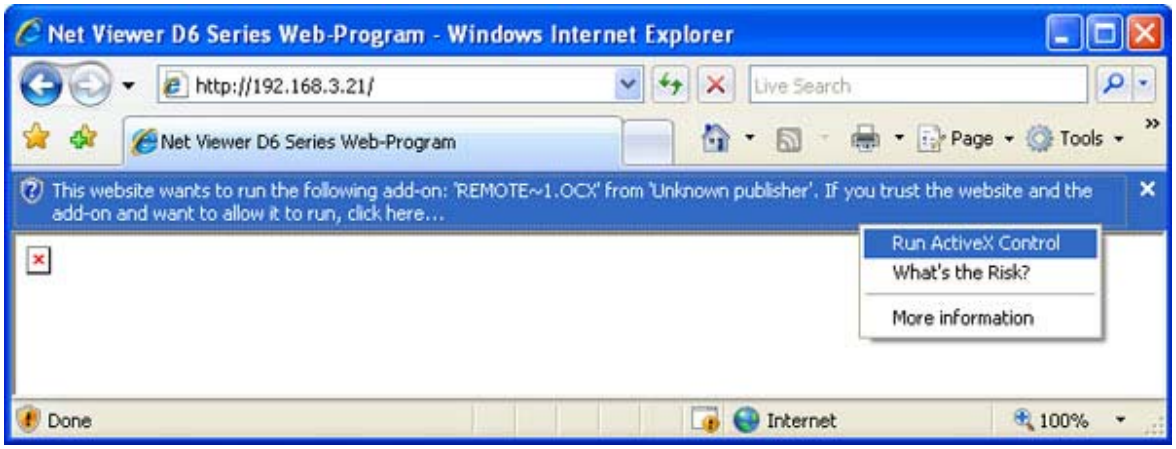
4.1– PROMPTING THE NECESSARY ACTIVEX CONTROLS-CONTINUED

3. This will usually prompt you, or a bar may appear on the top of the page. If prompted, select run or install. Click on the yellow bar to proceed.



*If you are using Internet Explorer version 9.0, this prompt bar will appear on the bottom of your browser instead of at the top of your browser.

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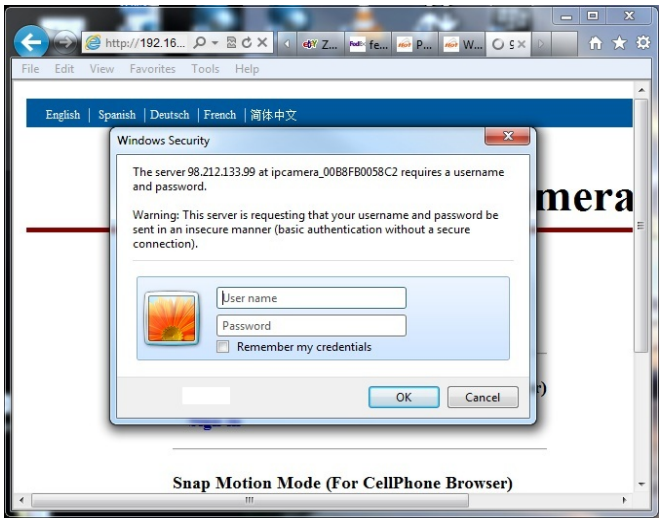
5 – LOGGING INTO YOUR CAMERA FROM A LOCAL INTERNET LOCATION

1. To access your camera from your local connection, you will need to open an Internet Explorer browser. In the browser, type **错误！超链接引用无效。** followed by the IP address that you've entered into the IP address field of the network settings section. For example, the address will look something like this;

   http://192.168.1.99

2. A Windows Security pop-up will appear. In this window, type 'admin' as the Username, and leave the Password field empty.

3. Once the Username and Password are accepted, chose the option to sign in using ActiveX Mode (For IE Browser)



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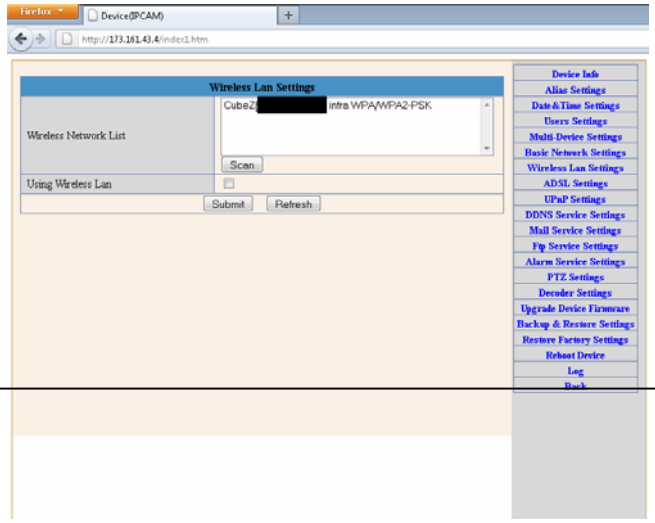
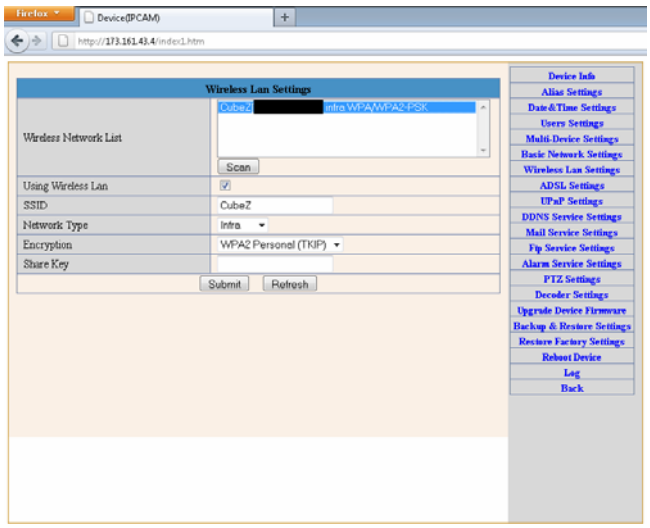
6 – ENABLING WIRELESS CONNECTION USING A WIRELESS ROUTER

1. While your camera is still connected directly to your router with an Ethernet cable, go to the Wireless Lan Settings section on your camera's menu.
2. Next, click 'Scan' to search for available wireless networks.



3. Once you have selected your wireless network, enter your wireless network's password into the "Shared Key" field.
4. After you click submit your camera should automatically reboot to save these settings. Please wait 30 seconds after your camera has rebooted, then you may disconnect the Ethernet cable that is connecting your camera to your router.
5. Your camera should now be successfully communicating wirelessly with your wireless router.



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7 – CONFIGURING THE REMOTE ACCESS

Each manufacturer of routers handles Port Forwarding in a different way. For detailed, router specific instructions, please visit www.portforward.com and find the model of your router. Then select 'Default Guide' for detailed screenshots and use them to help you through the rest of these instructions.

1. Open Internet Explorer and type in the IP address of your Default Gateway, this opens the configuration page of your router.
2. Next, create a Port Forwarding rule for the IP camera.
    a. The port number to forward will be 80 if you have followed the manual thus far.
    b. Your Router will ask for an IP address as well. Input the IP address of your IP camera.
3. After creating the Port Forwarding rule, visit http://www.yougetsignal.com/tools/open-ports/
    a. Write down your external address, it will be used later.
    b. In the box that says 'Port Number', type in the port number that you have created a Port Forwarding rule for and click 'Check'
    c. If it says 'port is open' then you have set up Port Forwarding properly and you can now access your IP camera from another location.

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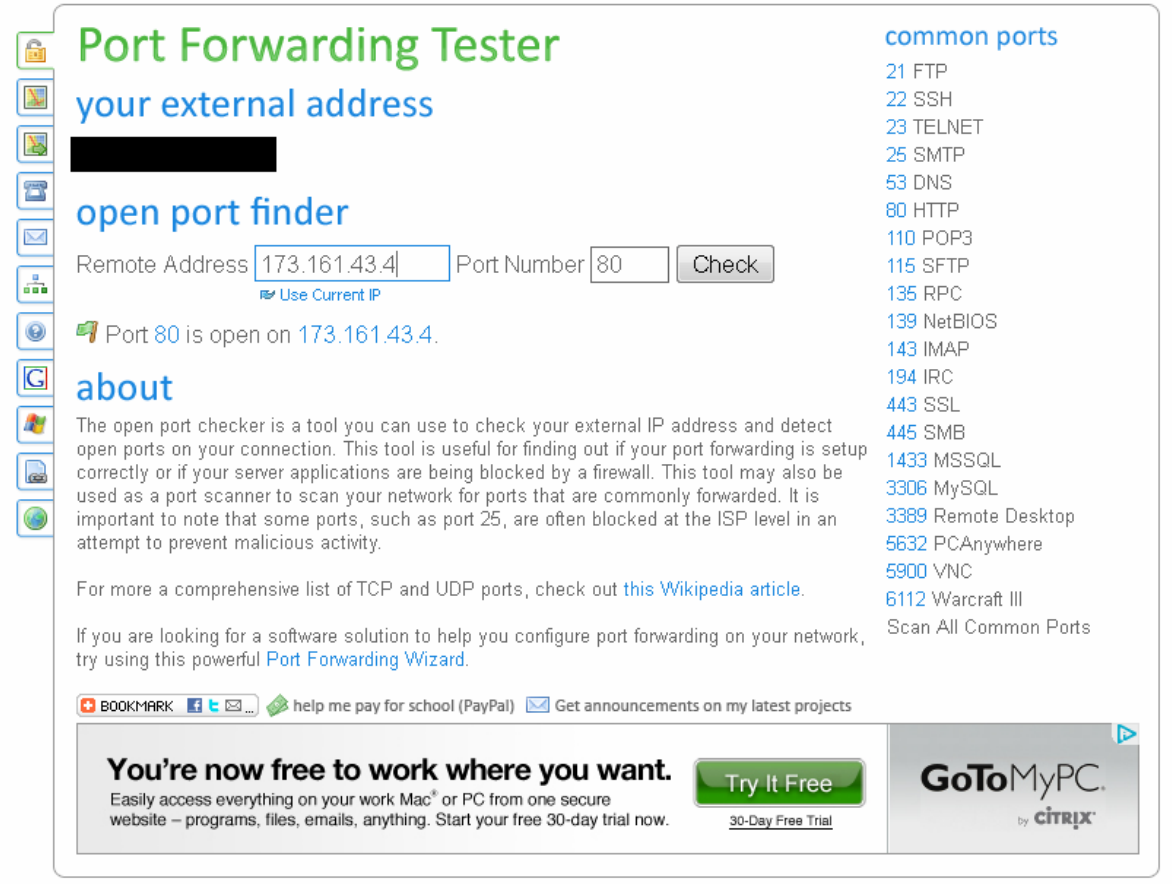

7.1 – CONFIGURING THE REMOTE ACCESS-CONTINUED

1. When logging in from a computer that is connected to an outside network, open Internet Explorer.
2. In the Address Bar, type in http://*yourexternaladdress*
    a. To find your external IP address, visit www.whatismyip.com while using to a computer that is connected to the same router as your camera.
3. It will prompt you for a login just as it did when you were on the local network.
4. After you login, the camera will function just as it did on your local network.

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8 – MAIN MENU INTERFACE OPERATION

 : This feature is not supported by the I11133WT

 : This feature is not supported by the I11133WT

 : This feature is not supported by the I11133WT

 : This feature is not supported by the I11133WT

 : This feature is not supported by the I11133WT

 : This setting changes the color of the OSD lettering

 : This button flips the image vertically

 : This setting changes the image resolution

 : This button flips the image horizontally

 : This setting changes the image frequency

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8.1 – MAIN MENU INTERFACE OPERATION-CONTINUED

: This setting increases or decreases the image brightness

: This setting increases or decreases the image contrast

: This option resets all Main Menu options to factory default


: This option opens the camera's recording functionality menu

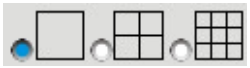

: This option takes a snapshot of the current screen and saves the snapshot to the PC's Hard Drive


: This option enables User-to-Camera audio. If the online user has a microphone connected and configured to the PC, clicking this option will allow them to talk through the camera is the camera is connected to a speaker device.


: This option enables Camera-to-User audio. If the online user has speakers connected and configured to their PC, clicking this option will allow them to hear audio from the location of the camera


: This option enables log detection. After the online user clicks this button, a log is entered into the camera's Log Data documenting the IP address of users who have accessed the IP camera


: This button opens the IP camera's Backend Menu


: These options enable single view, quad screen view, or 9 screen view; this function serves no purpose unless you have more than one camera connected and configured to your interface.

*Please refer to section 9.2.3 for adding additional cameras to your interface.

: This feature is not supported by the I11133WT

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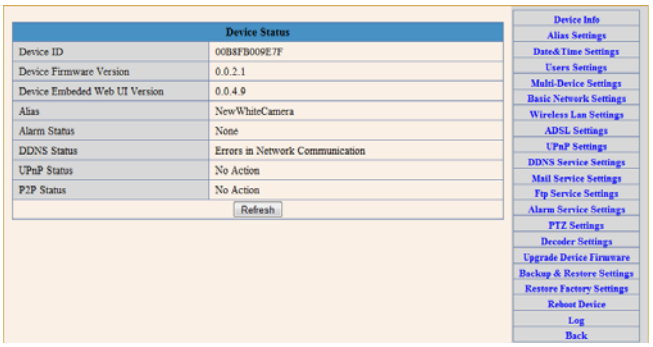
9 – BACKEND MENU INTERFACE OPERATION

* The Backend Menu may only be accessed by the Administrator Group Login Profile.

9.1.1 – DEVICE INFO

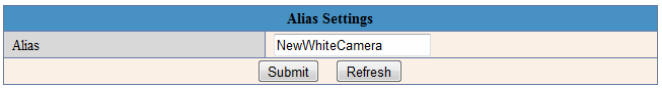
The device info screen displays the primary statuses; no settings may be changed or altered from this screen. The following statuses are displayed:

- Device ID
- Device Firmware Version
- Device Embedded Web UI Version
- Alias
- Alarm Status
- DDNS Status
- UPNP Status
- P2P Status



9.1.2 – ALIAS SETTINGS

From the Alias Settings menu, the user may change the IP Camera's alias.



9.1.3 – DATE AND TIME SETTINGS

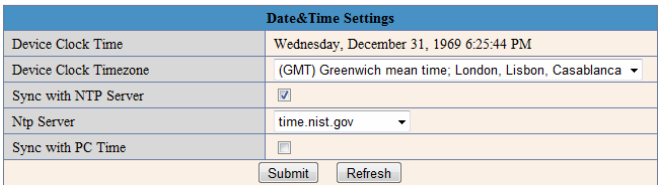
From the Time and Date menu, you may adjust the time zone settings.

The Device Clock Time will display the time setting that the camera is currently synced to.

In the Device Clock Timezone section, you may choose which time zone you prefer the IP camera to display.

Clicking the "Sync with NTP Server" will enable the camera to sync with the selected NIST Internet Time Service (NTP Server).

Clicking the "Sync with PC Time" will enable the camera to display the exact same time as your PC.



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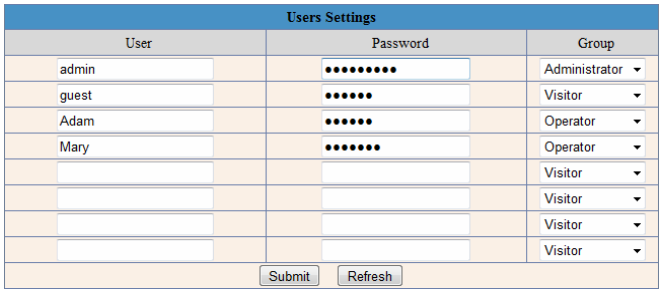
9.2 – BACKEND MENU INTERFACE OPERATION-CONTINUED

9.2.1 – USER SETTINGS

From this menu, the Administrator may create additional login profiles with either Administrator privileges, Operator privileges, or Visitor privileges.

Operator privileges allow the user to adjust settings from the Main Menu interface, but not from the Backend Menu Interface. Visitor privileges only allow the user to view the camera's live video feed.

The camera will reboot after any changes are made to this menu.

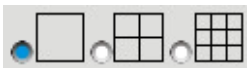


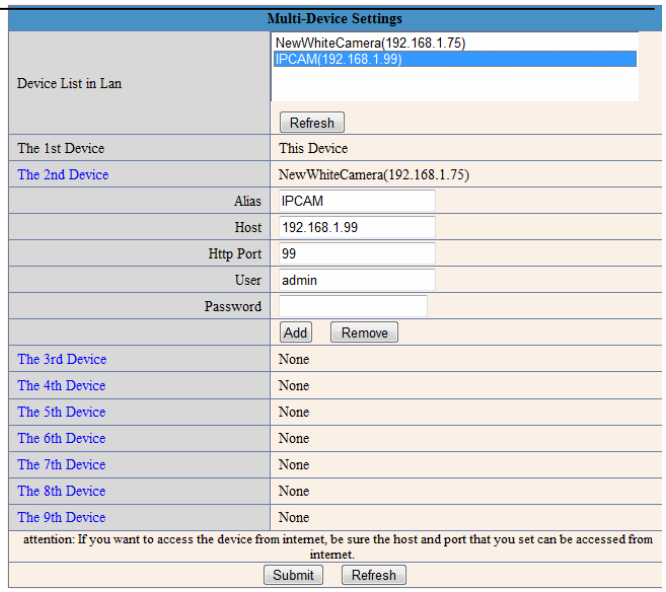
9.2.2 – MULTI-DEVICE SETTINGS

From this menu, the user may add additional IP cameras to this device interface.

To add additional cameras, either chose from the list of available cameras in the "Device List in LAN" or manually input the Host IP Address, HTTP Port, User, & Password into the device fields. Then, click "Add."

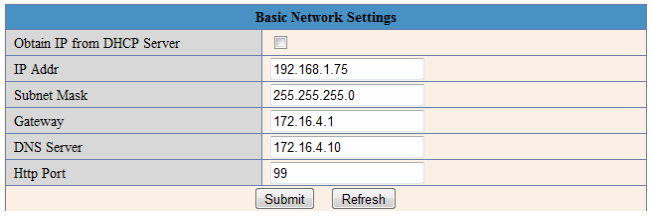
After you click "Submit," all settings will save. You are now able to view all available cameras from your Main Menu Interface screen by clicking the following option;





9.2.3 – BASIC NETWORK SETTINGS

The Basic Network Settings screen displays the current network settings; no settings may be changed or altered from this screen which do not match the current settings.



*For Wireless LAN Settings instructions please refer to Section 6 on Page 14.

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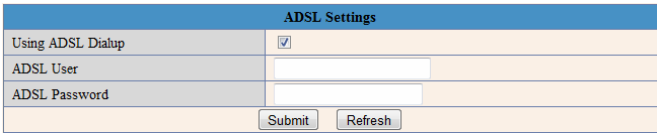
9.3 – BACKEND MENU INTERFACE OPERATION-CONTINUED

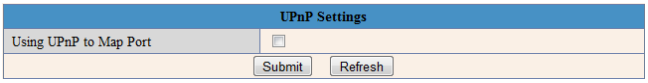
9.3.1 – ADSL SETTING

If your IP Camera is connected directly to an ADSL internet connection, you may enter your ISP Username and Password to connect to your ADSL server.



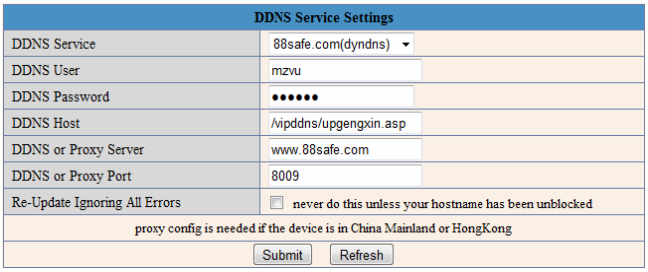
9.3.2 – UPNP SETTINGS

Clicking "Using UPnP to Map Port" will allow your camera to enable Universal Plug and Play mapping.



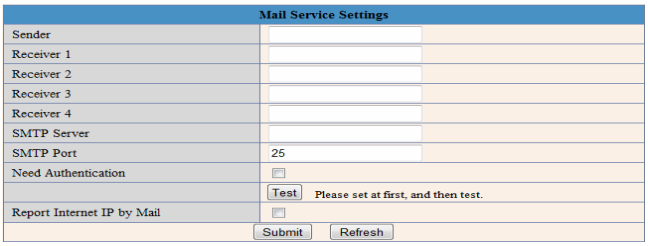
9.3.3 – DDNS SERVICE SETTINGS

All settings on the DDNS Service Settings menu are established by the manufacturer, and they enable the camera to connect online through its assigned DDNS server. These settings generally do not need to be changed by the end user.



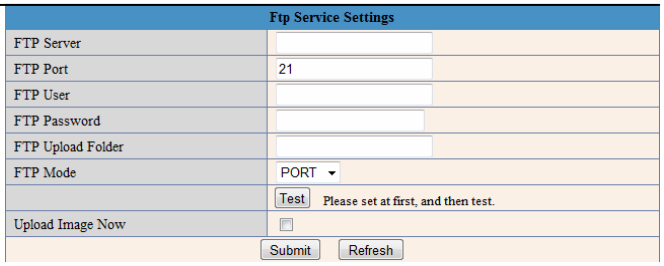
9.3.4 –MAIL SERVICE SETTINGS

The email server is owned and operated by the manufacturer. Since this email server is updated rather frequently, please contact Zmodo for the current email server port and authentication.



9.3.5 –FTP SERVICE SETTINGS

The FTP menu allows the user to connect the IP camera to their FTP (File Transfer Protocol) server. The user must have access to a live FTP server in order for this function to operate.



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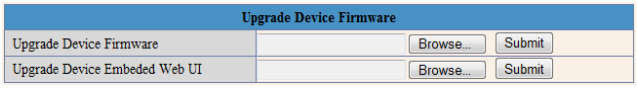
9.4 – BACKEND MENU INTERFACE OPERATION-CONTINUED

9.4.1 –UPGRADE DEVICE FIRMWARE

When the manufacturer releases a new IP Camera software version, the user must obtain the new firmware software and upload the software using this menu.

Make sure you only use a firmware update specifically designed for the I11133WT before inputting its location into the "Upgrade Device" field. Any other firmware may permanently damage the camera.

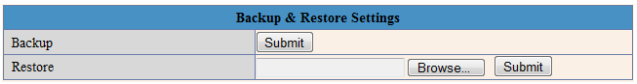
Once you click "Submit" after inputting the firmware location, your camera will reboot after a successful firmware update.



9.4.2 –BACKUP AND RESTORE SETTINGS

Clicking "Submit" from the Backup field will prompt you to save a current settings restore program to a location on your current PC.

The Restore field allows you to choose a previously saved restore program from your current PC. Once you have input the location of a previously saved restore setting, you may click "Submit" to apply the previously saved system settings.



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9.5 – BACKEND MENU INTERFACE OPERATION-CONTINUED

9.5.1 –RESTORE FACTORY SETTINGS

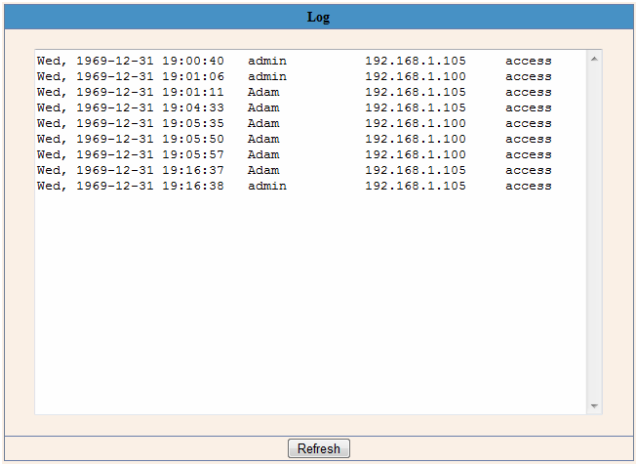
Clicking this menu button will prompt you to restore all settings back to factory default.

9.5.2 –REBOOT DEVICE

Clicking this menu button will prompt you to reboot the IP camera.

9.5.3 –LOG

This screen will display the IP address and Username of all recent users who have accessed this IP camera.



9.5.4 –BACK

Clicking this menu button will direct the user back to the Main Menu screen.

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10 – APPENDICES

WARRANTY:

All products carry a 1-year warranty unless otherwise indicated. 3 year warranty plan is also available for purchase. Zmodo will, at its sole discretion, replace or repair any products found to be defective during their warranty period. Zmodo will not honor any other warranty, implied or otherwise, including those of merchantability and fitness for a particular purpose.

RETURN:

Merchandise may be returned for a refund or exchange for 30 days from day of receipt as long as the equipment is still in "as new" condition. "As New" means that all items must be undamaged and in their original cartons and packaging along with all accessories and documentation. Product must NOT be installed, mounted, or configured. The product exterior must be intact and unmarked. The original carton must be unmarked. No postmarks or labels shall be on the original box. There is no return on Clearance items. Shipping costs are not refundable. No refund will be issued after the first 30 days. During the first year, defective products may be returned for repair/replacement only.

A Return Merchandise Authorization (RMA) number must be obtained by visiting Zmodo.net prior to the return of any merchandise. Any products returned to us without an RMA will be rejected and/or sent back to you at your cost and expense. An RMA number is only valid for 14 days. We will replace the item and ship it to you at no charge. Zmodo will employ every resource it has to ensure that your item is replaced promptly and without hassle. We do not provide advanced replacements for any product.

In the event the original equipment is discontinued or cannot be obtained in a timely manner for repair/replacement.com reserves the right to substitute the equipment with alternative equipment.

TECHNICAL SUPPORT:

We value your business and have compiled extensive documentation on various CCTV related subjects to ensure successful implementation of your project. You may download guides and tutorials, including setup and configuration for PC-Based DVRs, standalone DVRs cameras, etc by clicking here. We provide FREE lifetime phone support if you need technical help with any products you have purchased from us. We do not provide free phone support to configure your network, router, DSL and / or Cable Modem as each network is unique. However, we do provide paid network support at the rate of $80 per hour with a 30 minute minimum.

LIMITATION OF LIABILITIES:

Zmodo does not represent that the products and services it sells may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products or services will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained video monitoring system may only reduce the risk of burglary or robbery, but it is not insurance or a guaranty that such will not occur or that there will be no personal injury or property loss as a result. Consequently, Zmodo shall have no liability for any personal injury, property damage or other loss based on a claim that the products or services failed to operate or give warning.

Neither Zmodo nor Zmodo's affiliates, employees, or agents will be liable to customer or to any third party for any direct, indirect, incidental, special, punitive, consequential or other damages, losses, allegations, claims, suits or other proceedings, expenses, liabilities or costs (including legal fees) including loss of profits, earnings, business opportunities or data, costs of procurement of substitute goods or services or personal injury (including death) resulting from, arising out of or in connection with, directly or indirectly, customer use of Zmodo's equipment, services, or installation activities or customer reliance on any other use of the equipment or services.

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10.1 – APPENDICES-CONTINUED

Installation of video surveillance equipment is performed by third party independent contractors. Zmodo may assist the customer in finding local installers and help coordinate installation activities. However, under no circumstances shall Zmodo be held liable for damages to customer's property, building, and personal injury, loss of profits, earnings and cost of procurement of substitute goods arising out of or in conjunction with installation activities. Any and all customer's claims arising out of or in conjunction with installation activities shall be directed to the third party installer. It is the responsibility of the customer to ensure that the installer has proper liability/insurance coverage and/or properly licensed.

In no event shall Zmodo's total liability for any or all breaches of warranty exceed the actual amount of hardware purchased by the customer from Zmodo.

Zmodo will not be responsible for the loss of any information/video. In the event of any loss in connection with Zmodo's equipment failing, Zmodo's sole remedy shall be the replacement of failed equipment.

CONSENT TO JURISDICTION:

The customer agrees that all actions or proceedings arising in connection with this Policy shall be tried and litigated exclusively in the State and Federal courts located in the County of Champaign, State of Illinois. The aforementioned choice of venue is intended by the parties to be mandatory and not permissive in nature, thereby precluding the possibility of litigation between the parties with respect to or arising out of this Policy in any jurisdiction other than that specified above.

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