

USER MANUAL AND QUICK START GUIDE

**Network IP Cameras
EXPCMR-IP-POE-DPTZ**

**6MP Explosion Proof Digital Pan Tilt
Zoom Security Camera**

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

Safety Instruction

These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss.

The precaution measure is divided into ‘Warnings’ and ‘Cautions’:

Warnings: Serious injury or death may be caused if any of these warnings are neglected.

Cautions: Injury or equipment damage may be caused if any of these cautions are neglected.

	
Warnings Follow these safeguards to prevent serious injury or death.	Cautions Follow these precautions to prevent potential injury or material damage.



Warnings:

- This installation should be made by a qualified service person and should conform to all the local codes.
- Please install blackouts equipment into the power supply circuit for convenient supply interruption.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the camera yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

**Cautions:**

- Make sure the power supply voltage is correct before using the camera.
- Do not drop the camera or subject it to physical shock.
- Do not touch sensor modules with fingers. If cleaning is necessary, use a clean cloth with a bit of ethanol and wipe it gently. If the camera will not be used for an extended period of time, put on the lens cap to protect the sensor from dirt.
- Do not aim the camera lens at the strong light such as sun or incandescent lamp. The strong light can cause fatal damage to the camera.
- The sensor may be burned out by a laser beam, so when any laser equipment is being used, make sure that the surface of the sensor not be exposed to the laser beam.
- Do not place the camera in extremely hot, cold temperatures (the operating temperature should be between -30°C ~ 60°C), and do not expose it to high electromagnetic radiation.
- To avoid heat accumulation, good ventilation is required for a proper operating environment.
- Keep the camera away from water and any liquid during installation.
- While shipping, the camera should be packed in its original packing.

Notes:

For the camera supports IR, you are required to pay attention to the following precautions to prevent IR reflection:

- Dust or grease on the dome cover will cause IR reflection. Please do not remove the dome cover film until the installation is finished. If there is dust or grease on the dome cover, clean the dome cover with clean soft cloth and isopropyl alcohol.
- Make certain the installation location does not have reflective surfaces of objects too close to the camera. The IR light from the camera may reflect back into the lens causing reflection.
- The foam ring around the lens must be seated flush against the inner surface of the bubble to isolate the lens from the IR LEDS. Fasten the dome cover to camera body so that the foam ring and the dome cover are attached seamlessly.

This document guides you through the basic steps to install and configure the EXPCRM-IP-POE-DPTZ cameras. The EXPCRM-IP-POE-DPTZ camera features:

- 1/1.8" progressive scan CMOS
- 6 mega-pixel image sensor
- Up to 3072 x 2048 resolution, 30 fps
- 360° fisheye panoramic view
- Multiple viewing modes
- Internal MicroSD card slot for storage up to 64 GB (card not provided)
- Virtual PTZ mode
- 50 ft IR range
- Built-in microphone and speaker

For more information about the software features of this camera, please refer to the Camera Software User Manual.



Before Installation

The EXPCRM-IP-POE-DPTZ camera can be installed on a ceiling, wall or table.

1. Check the package contents and make sure that the device in the package is in good condition and all the assembly parts are included.
2. Make sure the mounting surface and fasteners are strong enough to withstand at least three times the weight of the camera housing. For concrete or cement block walls, use an expansion screw to secure the camera or mounting bracket.
3. Make sure all the equipment that will be attached to the camera is powered-off during the installation, if possible.
4. Check the specification of the products for the installation environment.
5. Make sure the power supply is matched with the camera voltage and wattage specification to avoid damage.
6. If there is dust or grease on the glass cover, clean with a clean soft cloth and isopropyl alcohol.

Installation

Use the following procedure to flush-mount the camera onto a ceiling or wall. The procedure is identical for all three, except for a parameter difference in the camera setup menu, and the orientation of the camera for wall installations. Pictures shown here are for a ceiling installation.

1. Choose a location to mount your camera. There are two pre-drilled mounting holes available for mounting the camera. Ensure the camera's location will adequately cover the location you wish to view.

2. Obtain the appropriate fasteners for securing the camera to the mounting surface. The fasteners should support at least three times the weight of the camera.
3. Mount the camera to your chosen surface.
4. Route Ethernet cable from the camera mounting location to the devices it will connect to. This should run through the NPT port via conduit following all safety protocols for the area installed.

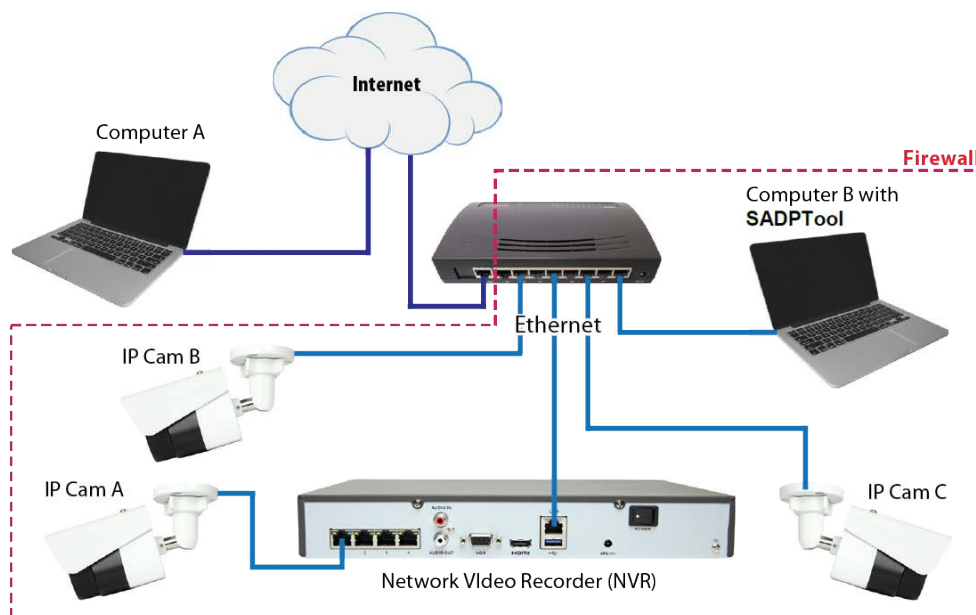


5. Remove the lens cover from the enclosure to access the internals.
6. Connect RJ-45 Ethernet cable to the camera's RJ-45 LAN connector shown in **FIGURE 1**. The camera is also powered through the LAN cable via PoE. No additional wiring will be needed.
7. Connect the extension cables to the devices the camera will connect to. Be sure the devices you connect the cables to are not powered on.
8. Apply power to the devices the camera is connected to, including the LAN PoE.
9. Reinstall the lens cover of the enclosure making sure not to pinch any wires.
10. Using a computer connected to the LAN the camera is attached to, configure the network access to the camera including:
 - a. Install Discover (see "Step 4. Install the Discover Tool" on page 3).
 - b. Configure the network settings (see "Step 5. Change device network settings (IP address)" on page 3).
11. Log into camera to perform camera setup procedures including:
 - a. Log in to the camera (see "Step 6. Initial remote login" on page 4).
 - b. Configure camera fisheye parameters (see "Step 7. Setup Fisheye Parameters" on page 5). For ceiling mounted cameras, select the Mount Type as "Ceiling". For wall mounted cameras, select the Mount Type as "Wall". For table mounted cameras, select the Mount Type as "Table".
 - c. Configure PTZ camera video streams (see "Step 9. Setup PTZ video streams" on page 5).
 - d. Change administrative password. See "Step 10. Change default password" on page 6.
12. Perform advanced camera configuration steps as needed. Refer to the IP Camera Software User Manual. These configure steps should include the following:
 - a. Configuring alarm input and output
 - b. Configure recording schedules
 - c. Configure event recording (motion detection, traversing virtual plane, intrusion, etc.)
 - d. Traversing Virtual Plane Detection
 - e. Intrusion Detection
 - f. Add access users to the camera

Network IP cameras are usually installed on a network in either of two ways:

Connected to the internal switch of a network video recorder (NVR): In this configuration, Ethernet cables connect the camera directly to an NVR back panel. The NVR automatically "Activates" the camera and configures the camera's network parameters to establish a communications link between them. In the diagram below, **IP Cam A** is connected to the NVR which activates the camera and sets up its network parameters.

Connected to a PoE Network switch: In this configuration, Ethernet drop cables connect the camera to a network switch. The network utility, **SADP Tool**, is used to "Activate" the camera and configure the camera's network parameters so that the camera can communicate across the network. In the diagram below, **IP Cam B** and **IP Cam C** are connected to the router, and are activated with the **SADP Tool** on **Computer B**.



In the diagram above, **NOTE** that:

- **Computer A** cannot directly access any devices within the router firewall (with a browser) unless the device is activated and setup with network parameters compatible with the router, and the router is configured for port forwarding to the device.
- **Computer B** with **SADP Tool** is used to activate cameras connected directly to the router (**IP Cam B**, **IP Cam C**) and setup their network parameters. After devices on the router are activated and configured for the network, **Computer B** can access each device using Internet Explorer or by reloading the page in Internet Explorer mode in the Edge browser.

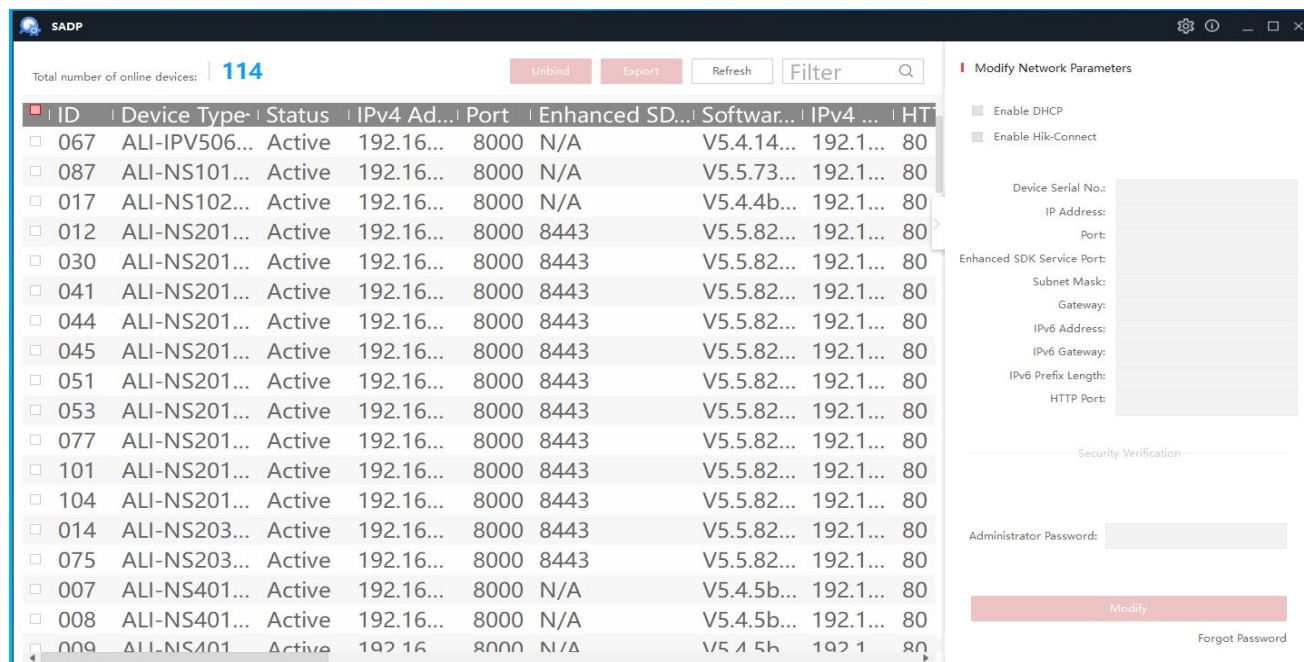
This guide provides generic instructions for activating and setting up the network parameters for new cameras **Connected to the network switch** using the **SADP Tool**. The examples shown herein activate a camera and configure its network settings. Currently, the procedure is identical for all new network attached IP cameras.

About the SADP Tool

The SADP Tool is a PC-based network utility for discovery of compatible devices on an IP network. It provides an easy way to activate devices, configure camera and record network configuration settings, and set device passwords. It can be installed on a Microsoft Windows operating system that has access to the IP network where your devices are installed.

Step 1. Install the SADP Software

1. Download the SADP Tool from the website: <https://www.larsonelectronics.com/images/upload/SADPTool.zip>. At the time this document was published, the file is named: **SADPTool.zip** and is 115 MB.
2. Un-zip the file on a computer with Microsoft Windows (Windows 7 or newer) that is connected to the LAN where your camera is connected.
3. Run the file contained in the zip file: **SADPTool.exe**. Follow the on-screen instructions to install the file.
NOTE : Be sure to allow the software administrative access or it will not work properly.
4. Open the SADPTool application. When the application opens, it automatically “discovers” and lists all compatible devices on the LAN. The discovery of devices can take several minutes. See below.



Step 2. “Activate” Inactive Camera

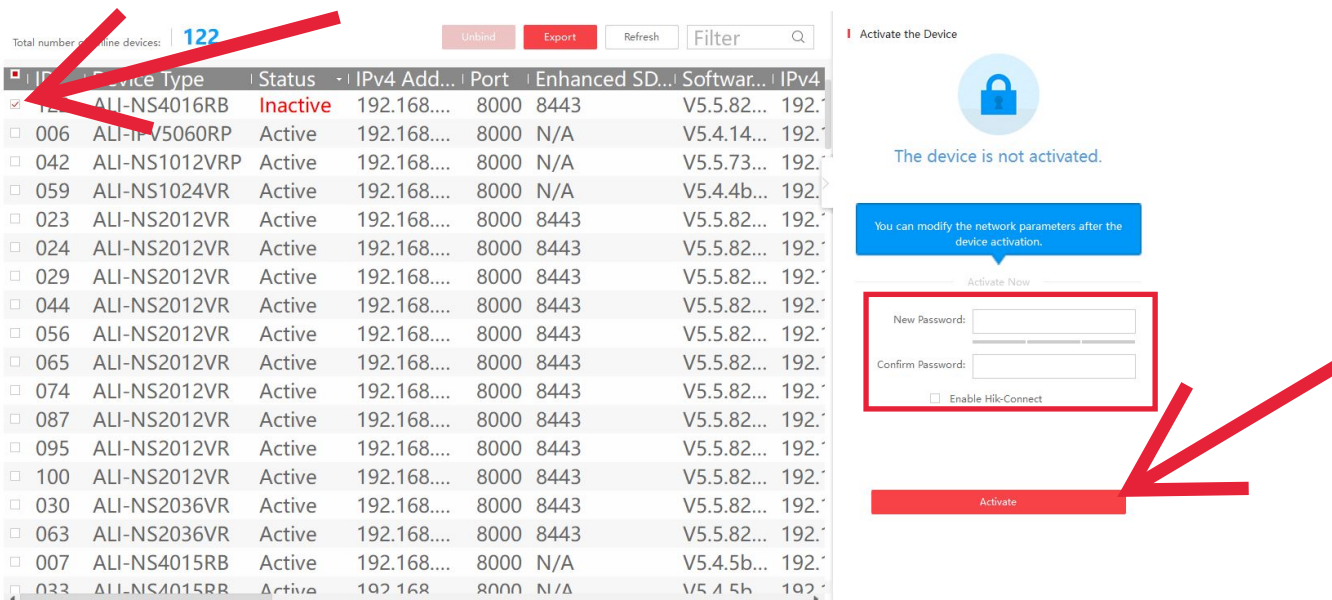
NOTE: Cameras are activated when shipped with the default IP Address of 192.168.3.xxx. The last set of numbers in your IP address will be random, but will always be in the 192.168.3.xxx subnet. Network settings may be changed in the SADP Tool. See *Step 3. Modify Network Parameters*

DEFAULTS: Username: admin Password: 12345abc!

When a camera is first installed, or reset to its factory configuration, it must be “Activated” before it can be used. In the SADP Tool, “Inactive” devices have a **Security** status of **Inactive**. A device is “Activated” when a password is assigned to the **admin** username of the device.

In the example below, a camera is activated and configured for its network.

1. Scan through the list of devices the SADP Tool discovered for the Inactive device you want to activate (see below). Click on the device in the list to highlight it, and then click the select box to check it.



The screenshot shows the SADP Tool interface. On the left, a table lists discovered devices. A red arrow points to the first device, which is inactive. On the right, the 'Activate the Device' window is open, showing a message 'The device is not activated.' and a form to enter a new password. A red box highlights the password fields, and a red arrow points to the 'Activate' button.

ID	Device Type	Status	IPv4 Add...	Port	Enhanced SD...	Softwar...	IPv4
122	ALI-NS4016RB	Inactive	192.168...	8000	8443	V5.5.82...	192.
006	ALI-IPV5060RP	Active	192.168...	8000	N/A	V5.4.14...	192.
042	ALI-NS1012VRP	Active	192.168...	8000	N/A	V5.5.73...	192.
059	ALI-NS1024VR	Active	192.168...	8000	N/A	V5.4.4b...	192.
023	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
024	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
029	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
044	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
056	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
065	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
074	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
087	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
095	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
100	ALI-NS2012VR	Active	192.168...	8000	8443	V5.5.82...	192.
030	ALI-NS2036VR	Active	192.168...	8000	8443	V5.5.82...	192.
063	ALI-NS2036VR	Active	192.168...	8000	8443	V5.5.82...	192.
007	ALI-NS4015RB	Active	192.168...	8000	N/A	V5.4.5b...	192.
033	ALI-NS4015RB	Active	192.168...	8000	N/A	V5.4.5b...	192.

Activate the Device

The device is not activated.

You can modify the network parameters after the device activation.

Activate Now

New Password:

Confirm Password:

☐ Enable Hik-Connect

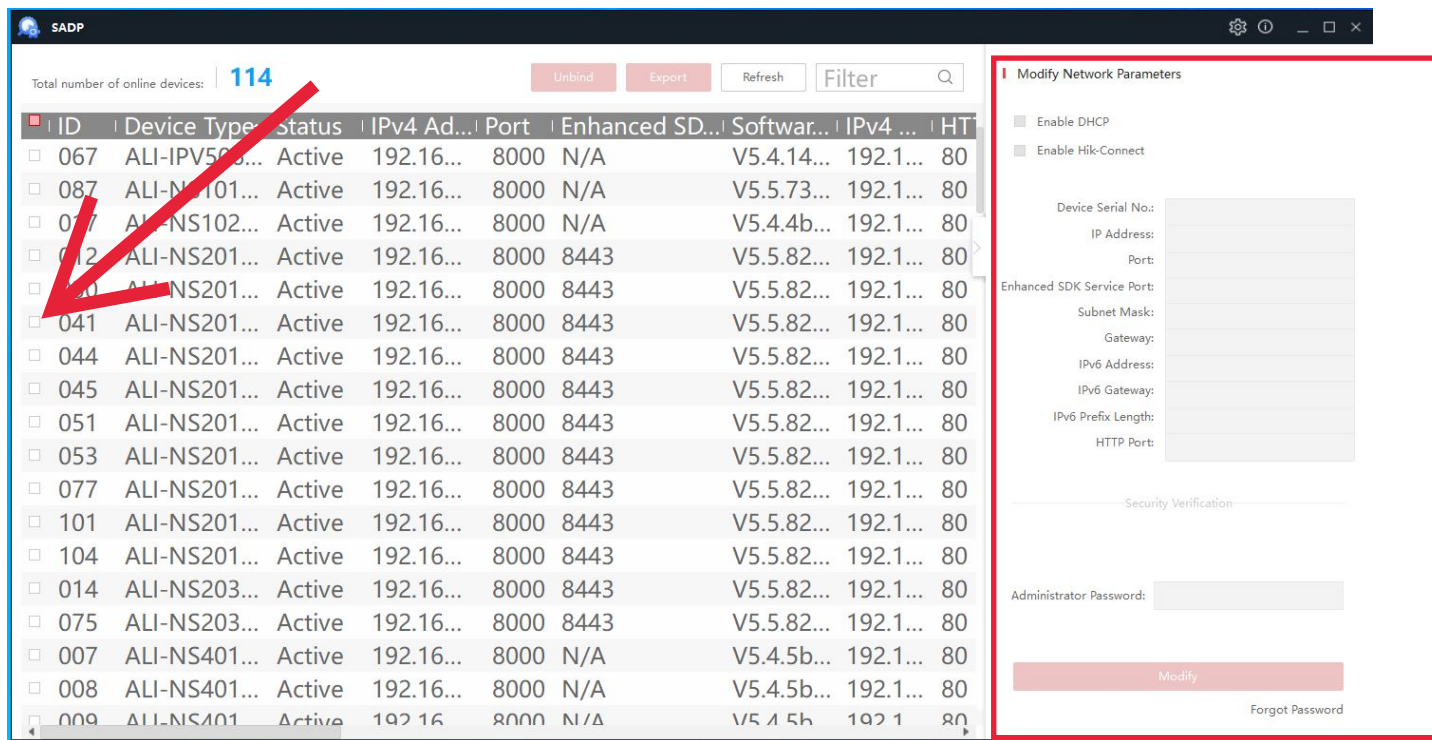
Activate

2. In the Device Activation window, create a password for the *admin* (administrator) username:
 - a. In the Device Activation window, enter a password for *admin* in the **New Password** field. Use a combination of uppercase, lowercase alphabetic characters and numbers to create a "Strong" password. The rating is shown beneath the field. See above.
 - b. Enter the *admin* password again in the **Confirm** field, and then click **Activate**.
 - c. Record your *admin* password for reference later.

CAUTION: If you lose your *admin* (administrator) password, you cannot configure the device or restore it to its factory settings. To reset your password, **call** your support organization for specific instructions.

Step 3. Modify Network Parameters

1. In the list of devices discovered, find the device you want to change the network settings for, click the select box to check it, and then see the **Modify Network Parameters** window. See below.



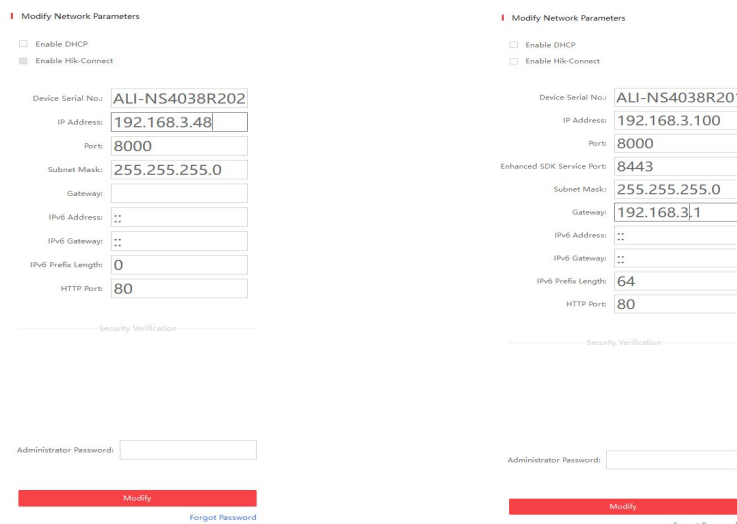
The screenshot shows the SADP software interface. On the left, a table lists discovered devices. A red arrow points to the first device in the table, which is selected. On the right, the 'Modify Network Parameters' window is open, showing various network configuration fields.

ID	Device Type	Status	IPv4 Ad...	Port	Enhanced SD...	Softwar...	IPv4 ...	HT
067	ALI-IPV50...	Active	192.16...	8000	N/A	V5.4.14...	192.1...	80
087	ALI-NS101...	Active	192.16...	8000	N/A	V5.5.73...	192.1...	80
012	ALI-NS102...	Active	192.16...	8000	N/A	V5.4.4b...	192.1...	80
041	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
044	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
045	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
051	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
053	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
077	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
101	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
104	ALI-NS201...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
014	ALI-NS203...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
075	ALI-NS203...	Active	192.16...	8000	8443	V5.5.82...	192.1...	80
007	ALI-NS401...	Active	192.16...	8000	N/A	V5.4.5b...	192.1...	80
008	ALI-NS401...	Active	192.16...	8000	N/A	V5.4.5b...	192.1...	80
009	ALI-NS401...	Active	192.16...	8000	N/A	V5.4.5b...	192.1...	80

The 'Modify Network Parameters' window on the right contains the following fields:

- ☐ Enable DHCP
- ☐ Enable Hik-Connect
- Device Serial No.: [ALI-NS4038R202]
- IP Address: [192.168.3.48]
- Port: [8000]
- Enhanced SDK Service Port: [8443]
- Subnet Mask: [255.255.255.0]
- Gateway: [192.168.3.1]
- IPv6 Address: [::]
- IPv6 Gateway: [::]
- IPv6 Prefix Length: [64]
- HTTP Port: [80]
- Security Verification: []
- Administrator Password: []
- [Modify] button
- [Forgot Password] link

2. In the Modify Network Parameters window, edit the correct network parameters, and then enter the *admin* user password in the field at the bottom.
 - a. **Enable DHCP:** You can select **Enable DHCP** to acquire compatible network settings from a DHCP server installed on the LAN. However, these settings can be changed by the DHCP server. Since it is recommended to use a static IP address, you can use DHCP to acquire compatible network settings, and then uncheck **Enable DHCP** and save that configuration to retain the new network parameters.
 - b. In the example below, the IPv4 address was changed to 192.168.3.100, and the IPv4 Gateway was changed to 192.168.3.1. These settings were determined to be compatible with the network switch and other devices that share the same network.



The two screenshots show the 'Modify Network Parameters' window with the following changes:

- Left Screenshot:** Shows the initial state with IP Address: 192.168.3.48 and Gateway: 192.168.3.1.
- Right Screenshot:** Shows the modified state with IP Address: 192.168.3.100 and Gateway: 192.168.3.1.

The fields shown in both screenshots are:

- ☐ Enable DHCP
- ☐ Enable Hik-Connect
- Device Serial No.: [ALI-NS4038R202]
- IP Address: [192.168.3.100]
- Port: [8000]
- Enhanced SDK Service Port: [8443]
- Subnet Mask: [255.255.255.0]
- Gateway: [192.168.3.1]
- IPv6 Address: [::]
- IPv6 Gateway: [::]
- IPv6 Prefix Length: [64]
- HTTP Port: [80]
- Security Verification: []
- Administrator Password: []
- [Modify] button
- [Forgot Password] link

3. Click **Modify** to save your settings.

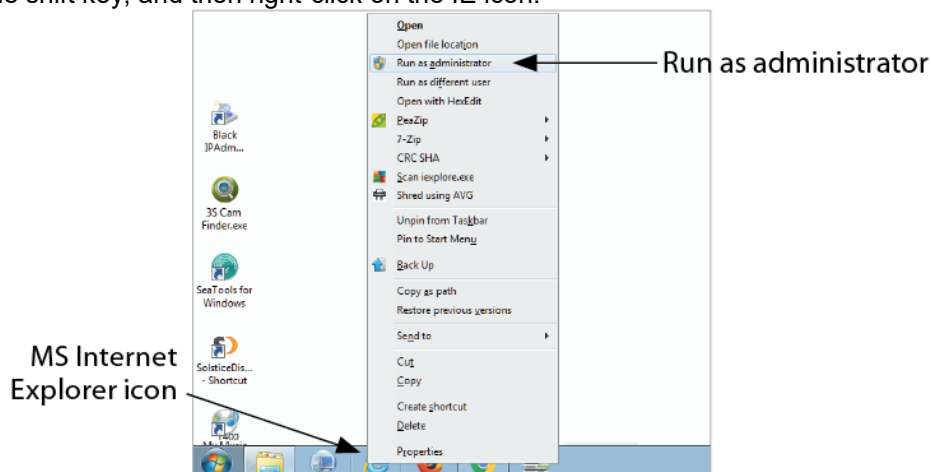
Step 4. Login to the camera

Microsoft Internet Explorer is used to access your camera remotely. Internet Explorer must run as an Administrator to use all features available through a remote login to the camera.

Setting MS Internet Explorer to run as an Administrator

Windows 7: To run Internet Explorer as an Administrator:

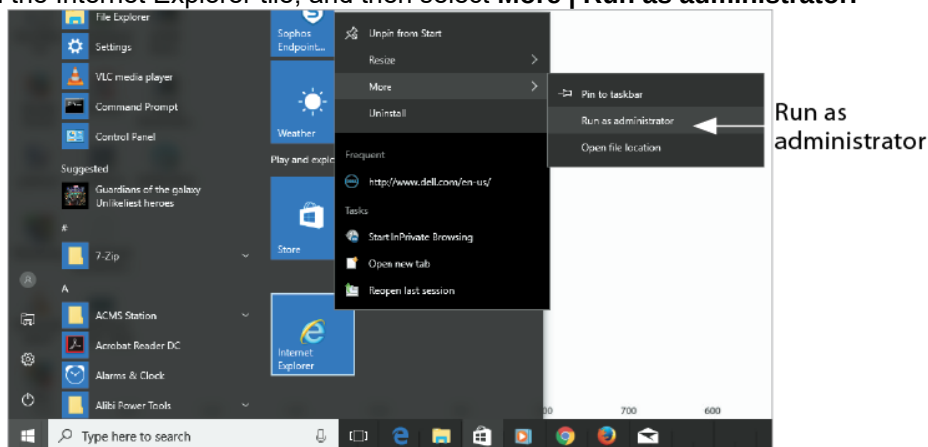
1. Find or create an IE icon on your computer desktop.
2. Hold down the shift key, and then right-click on the IE icon.



3. Click **Run as Administrator** in the pop-up menu.

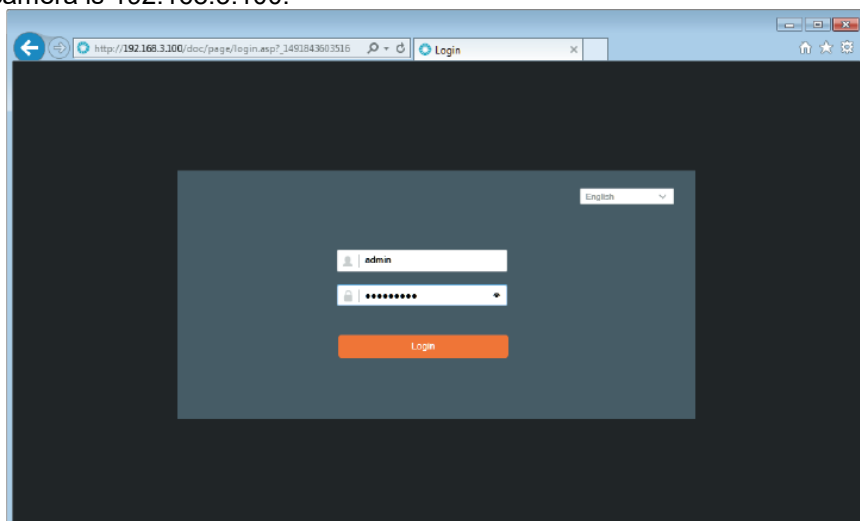
Windows 10: To run IE as an Administrator:

1. Find IE in the start menu. Usually this is found in the **Windows Accessories** group.
2. Pin the entry to **Start**.
3. Right click on the Internet Explorer tile, and then select **More | Run as administrator**.

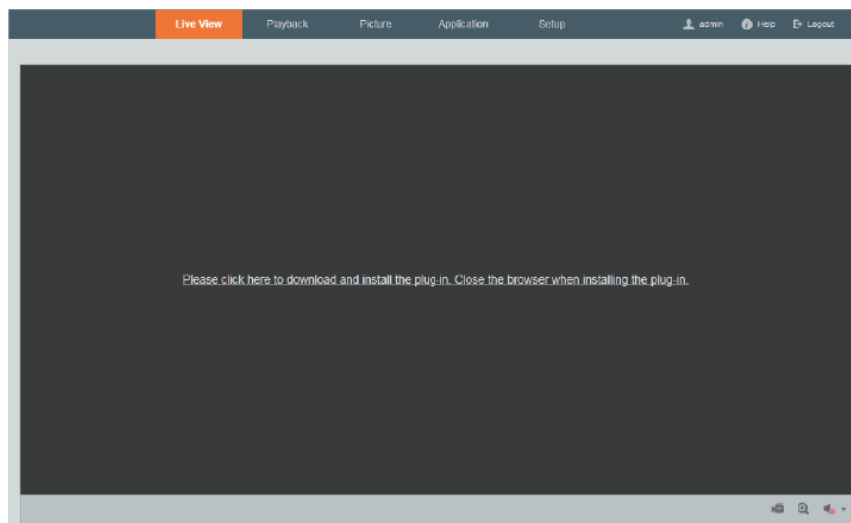


To login to the camera from a computer on the same LAN:

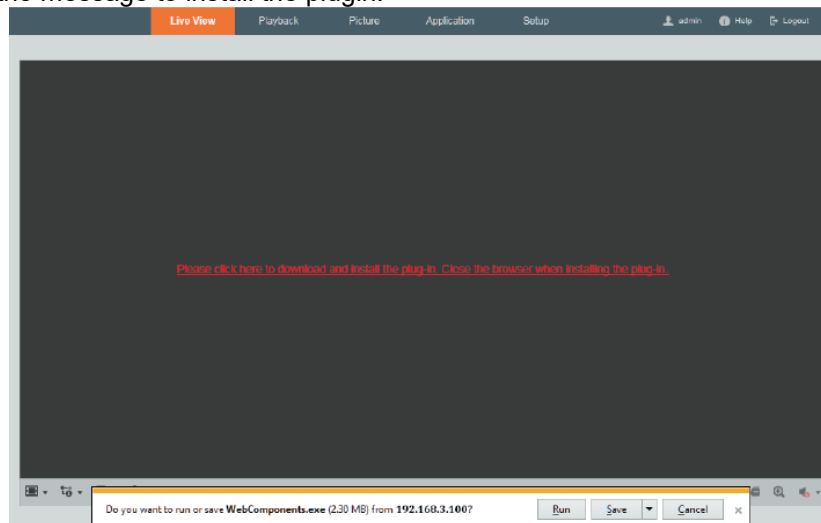
1. Open your IE browser and enter the IP address of the camera in the URL field. In the example below, the IP address of the camera is 192.168.3.100.



2. In the login window, enter **admin** for the **User Name** and password you created in the **Password** field, then click **Login**.
3. If this is the first time you are logging into a camera, you may see the message in the following screen. If this appears, follow the sub-steps below.



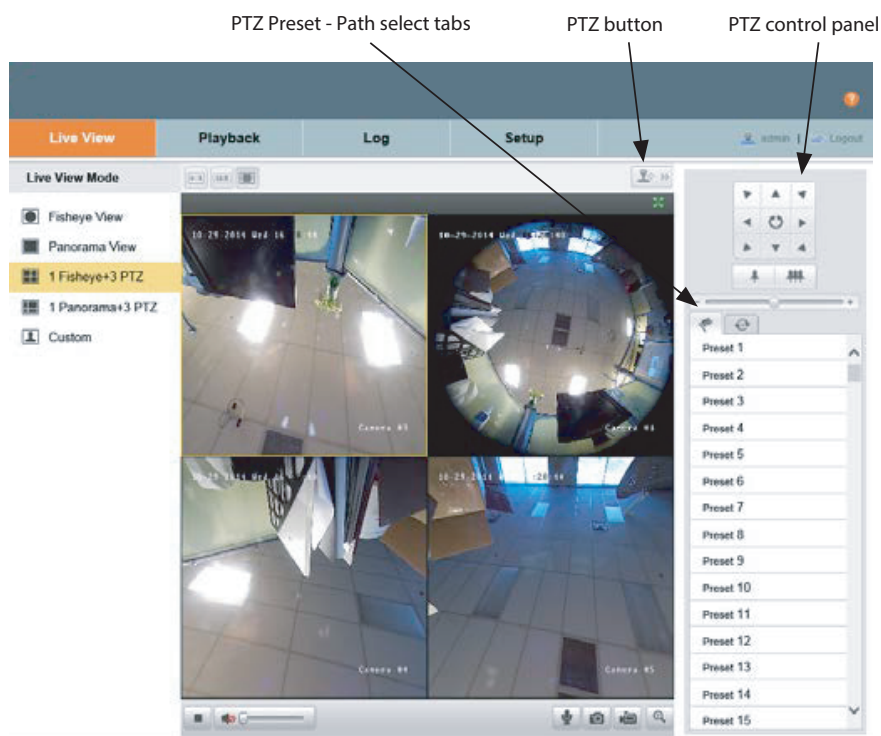
- a. Click on the message to install the plugin.



- b. In the message bar at the bottom of the screen, click **Run**. Follow the on-screen instructions to install **WebComponents**. When the following screen opens, click **Finish**.



The Live View screen with the camera video image should appear.

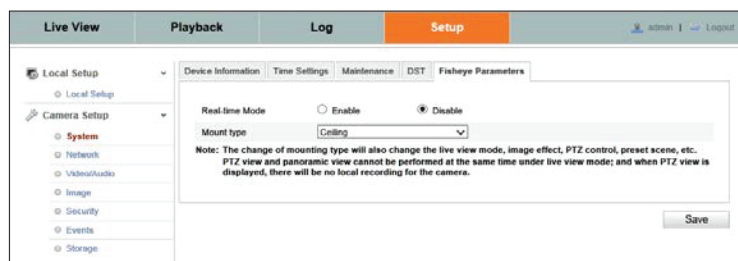


Step 5 Setup Fisheye Parameters

Fisheye cameras include a special setup menu called Fisheye Parameters. This menu is used to configure the camera for the mounting orientation (type - Wall, Table, or Ceiling), and Real Time Mode (Enable or Disable). These parameters affect the Live View mode options, image effect, PTZ control, Preset scene, etc. PTZ View and panoramic view cannot be performed at the same time in Live View mod. Also, when a PTZ view is displayed, no local recording is performed.

When configuring a Fisheye camera, use this menu to select the applicable Mounting Type parameter. To configure this menu:

1. Open the Fisheye Parameter menu. Go to **Setup** tab | **System** | **Fisheye Parameter**

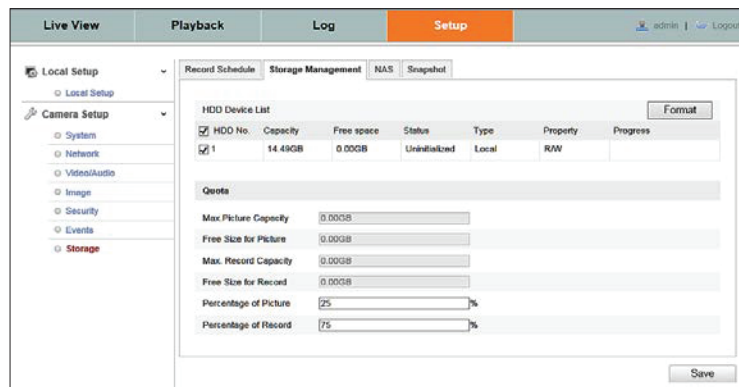


2. Open the **Mount Type** drop-down list and select the applicable mounting orientation of the camera: Wall, Table or Ceiling.
3. In the **Real-time Mode** field, select either **Enable** or **Disable**.
4. Click **Save** to retain your settings.

Step 6 Setup Storage Management

In the Storage Management menu, you can prepare a storage device, such as an internal micro SD card or a NAS (See the **™ IP Camera Software User Manual**). These devices usually must be formatted before they can store data from the camera. You can also set the percentages of Pictures (Captures) and Video recordings across the storage device.

To open the Storage Management menu, go to **Setup** tab | **Storage** | **Storage Management**



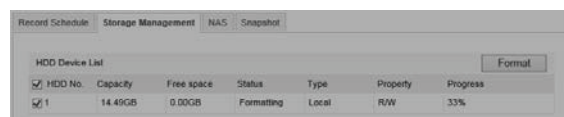
In the example above, a 16 GB MicroSD card was installed in the camera.

1. Check the box for the HDD you want to configure.

NOTE

If the Status of the HDD is Offline, the HDD is not recognized. Check the settings on the NAS menu. See the document IP Camera Software User Manual provided on the software and documentation CD with your camera.

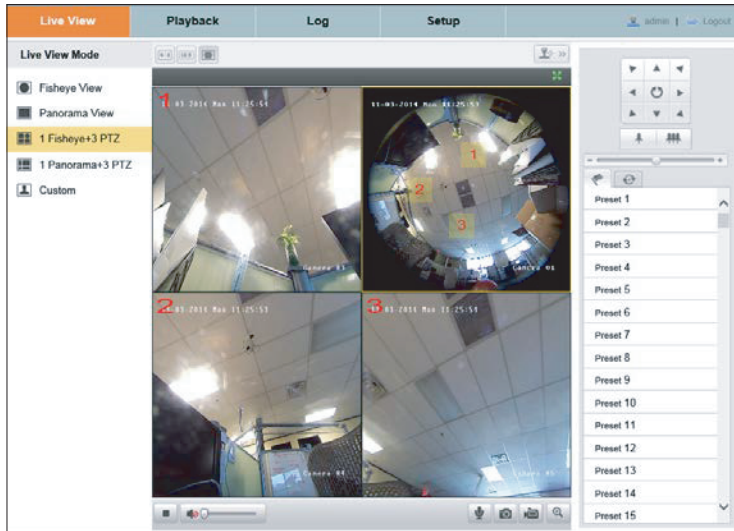
2. In the HDD Device List, if the **Status** external storage device (HDD) you added shows an **Uninitialized** status:
 - a. Click the **Format** button to format the HDD. Format performs a full format of the HDD (erases all data from the disk).
 - b. In the **Message from webpage** pop-up window, click OK to continue.



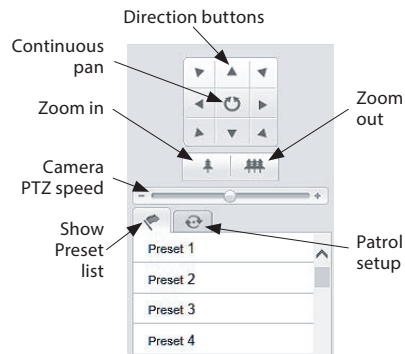
- c. Wait until the format process completes before continuing. When formatting completes successfully, the HDD status will change to **Normal**.
3. Edit the percentages of the HDD allocated for **Picture** and **Record** data as needed.
 4. Click **Save**.

Step 9. Setup PTZ video streams

1. In the **Live View** window shown above, click on the fisheye image. Notice that each video stream is identified as 1, 2, or 3 in each video stream and on the fisheye image.



2. Select one of the three video streams, and then use the PTZ control panel to adjust the direction and focus of the image. When the direction of the image changes, the position of the image is shown in the fisheye image frame.

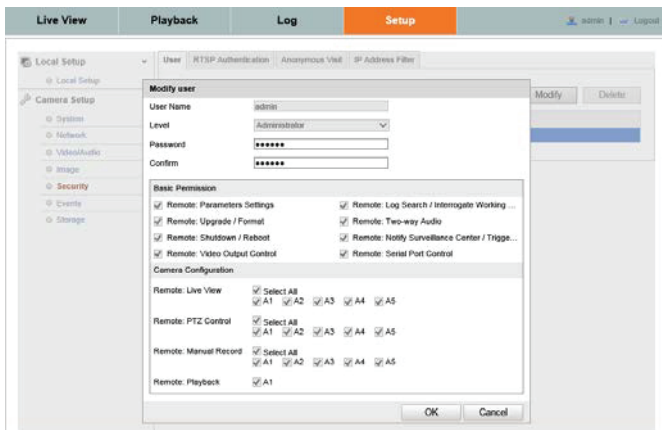


3. Repeat the previous steps for the other video streams.

Step 10. Change default password

Obervint Technologies strongly recommends that you change the default **admin** user password in your camera from "1111" to a different code to help protect against unauthorized access. You must login to the camera with the **admin** user name to change the **admin** password. To change the admin password:

1. Click the Setup tab, and then click Security in the left frame.
2. Click the **User** tab in the menu on the right.
3. Click the **admin** User Name to select (highlight) it, and then click the Modify button. The **Modify User** pop-up window will open.



4. In both the **Password** and **Confirm** fields, enter a new password. The password can contain 0..9, A..Z, and a..z. Record your new password for future reference.
5. Click the **OK** button at the bottom of the window.

Step 11. Additional configuration steps

Refer to the documentation to customize the configuration of your camera.

Specifications

Camera	
Image Sensor	1/3" CMOS
Scanning Mode	Progressive Scan
Resolution	Up to 3072 x 2048
Effective Pixels	3.0 mega pixel approx.
Minimum Illumination	Color: 0.3 Lux (F2.8, AGC On) B/W: 0 Lux (IR ON)
Day/Night	True Day/Night ICR
Electronic Shutter (sec)	1/25 s ~ 1/100,000 s (Auto/Manual)
Wide Dynamic Range	Digital WDR
Gain Control	Auto
White Balance Mode	Auto /Selectable
Noise Reduction	3D DNR
IR Illuminators	Smart IR Array, 850 nm
IR Array Range	49 ft (15 m)
IR Sensitivity	700 - 1100 nm
Lens	
Lens Type	Fixed
Focal Length	1.27 mm
Iris	Fixed
Focus	Manual
Horizontal Viewing Angle	360°
F-number	F2.8
Video	
Video Compression Format	H.264 (Baseline/Main/High Profile), MJPEG
CODEC Streaming Capability	High-frame Rate Mode: 1 or 4 Multi-Channel Mode: up to 5 (no sub streams)
Maximum Frame Rate	High-frame Mode: 1 Fisheye 25 fps @ 2048 x 1536 or 30fps @ 2048 x 2048 or 4 x ePTZ 30 fps @ 1024 x 768 Multi-channel Mode: 1 x Fisheye 15 fps @ 1280 x 1280 and 1 x Panoramic 15 fps @ 2048 x 1536 and 3 x ePTZ 15 fps @ 1024 x 768
Bit Rate	32 kbps ~ 16 Mbps
Bit Rate Mode	CBR, VBR
Audio	
Audio Streaming	Two-way
Audio Compression Format	64 Kbps (G.711) / 16 Kbps (G.726) / 64 Kbps (MP2L2)
Microphone	Built-In
Features	
Motion Detection	Support
Backlight Compensation	Support
High Light Compensation	Support
Event Notification	Alarm Output, Email, FTP
Privacy Mask	Support
Video Analytics	Tamper Detection, Dynamic Analysis
Interface	
Ethernet	RJ-45 10/100 BASE-T

Audio Input	1x In
Audio Output	1x Out
Sensor Input	1x In
Alarm Output	1x Out
SD Card Slot	1x Micro SD/SDHC/SDXC (up to 64GB)
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Password Protection, IP address filtering,
Number of Connections	Up to 15
General	
Power Requirements	PoE (IEEE802.3af) / 12 Vdc
Power Consumption	12 W Max
Weight	3.1 lbs
Dimensions	1.72" H x 6.46" Ø
Operating Temperature	-22°F ~ 140°F
Operating Humidity	0% ~ 95% RH, Non-condensing
Ingress Protection	IP66
Impact Protection	IK10
Color	White
Material	Aluminum (Body) / Polycarbonate (Bubble)
Approvals	CE, FCC, RoHS
System Requirements	
Operating System	Microsoft® Windows® XP Professional, Windows VISTA, Windows 7, Window 8
Processor	Intel® Pentium 4 3.0 GHz or later
Memory	1 GB or above RAM
Display	1024 x 768 resolution or higher
Web Browser	Internet Explorer 6.0 or above, Apple Safari 5.02 or above, Mozilla Firefox 3.5 or above, Google Chrome 8 or above
Supplied Accessories	
	CD ROM (User's Guide, Installation Tools), Quickstart Guide, Mounting Hardware and Template

For more information about the IE browser interface to your camera, go to LarsonElectronics.com for the latest **IP Camera User Manual** for your camera.

NOTE: Most IP cameras have a **Reset** button for returning the camera configuration to its factory settings. The reset button needs to be pressed with the camera disconnected from power. Continue holding the reset button down and plug the camera back into power and continue to hold the reset button for an additional 30 - 45 seconds.

NOTE: For more details on using the functions of this camera, refer to the instruction manual for the Camera Management Software (CMS) you are using.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1- 877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.