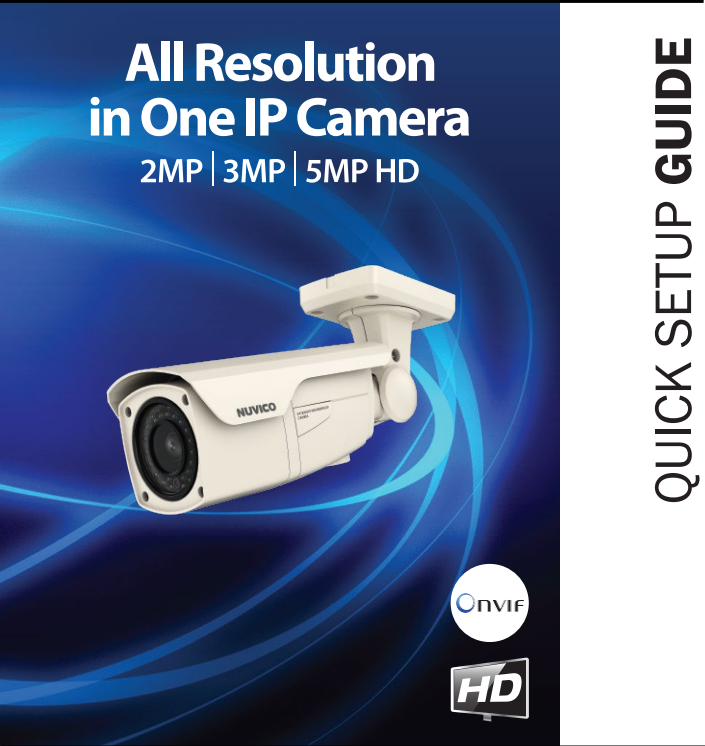




5MP HD Camera Series

NC-5M-B21

Important Safeguards

- Read these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this equipment near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other equipment (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the equipment.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this equipment during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **CAUTION - THIS MANUAL IS FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO RE-DUCE THE RISK OF ELECTRIC SHOCK DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.**
- Use Certified/Listed Class 2 power supply transformer only.

1. Introduction

About This Manual

Thank you for purchasing our NC-5M-B21 HD Camera. This full-featured camera comes equipped with a progressive scan imager, which transmits at high definition resolution as well as enhances low light sensitivity and provides crystal clear pictures even in challenging lighting environments.

1.1 Key features

- ONVIF Supported
- Affordable 2MP Outdoor Rated Bullet w/LED
- 2.8~11mm Vari-focal Lens
- 10pps @ 5MP, 15pps @ 3MP, 30pps @ 2MP or 1.3MP
- Day/Night Functionality with ICR
- 36 IR LEDs (Up to 110ft.)
- Built-in Server for Webviewer
- Point and Shoot Installation
- H.264/MJPEG Compression Method
- Power Over Ethernet (IEEE 802.3af Compliant) & 12VDC Voltage (1A)

1. Introduction

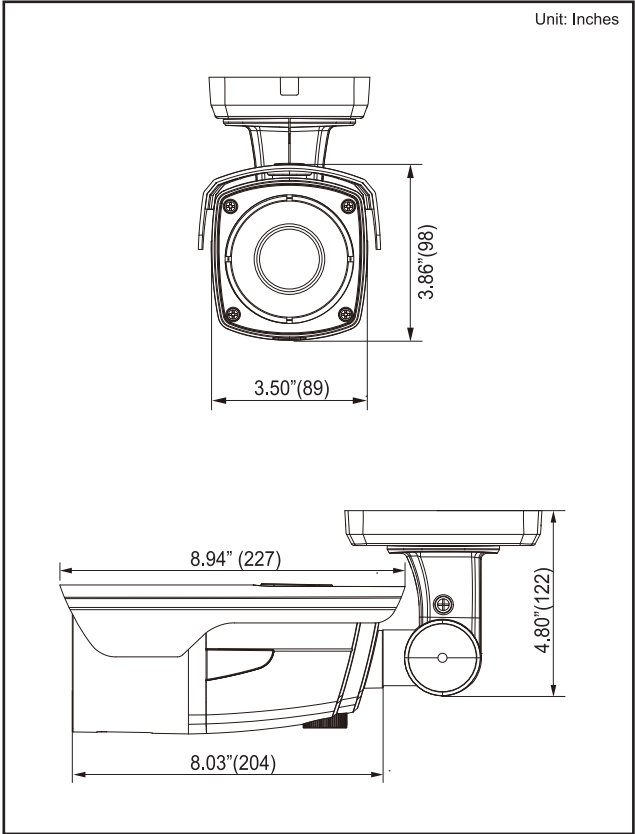
1.2 Content Verification

Before installing the camera, please make sure that all of the following items are included in the box.

1. NC-5M-B21 HD Camera
2. Installation Guide
3. Accessories Kit

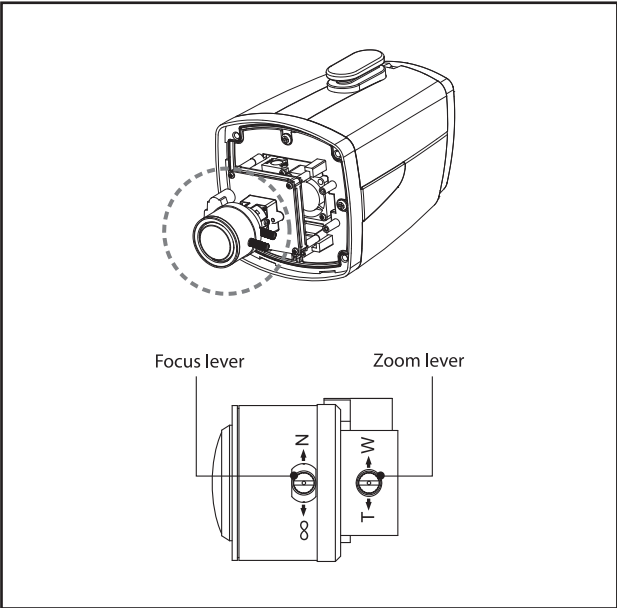
1. Introduction

1.3 NC-5M-B21 HD Camera Dimentions



2.2 Vari-focal, DC Auto Iris Lens

- 1. Unscrew the front case from the rear case.
- 2. Loosen the zoom & focus levers and make necessary adjustments.
 - To widen the viewing angle turn the Zoom screw to “W”(Wide) to obtain a closer view turn it to “T”(Tele).
 - Turn the Focus screw to “N”(Near) or “∞”(Far) until image is the clearest.
- 3. Tighten the front case back to the rear case.



3. Program and Operation

3.1 Detecting IP cameras with IP Cam Manager

the IP Cam Manager utility automatically discovers and displays NUVICO 5MP IP Cameras on your network. So please download the “IP Cam Manager ” from <http://www.nuvico.com>

The factory default IP is “192.168.30.220”.

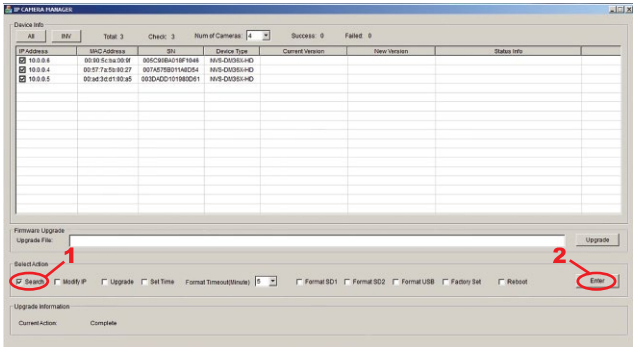
User Name: admin Password: admin

- 1. Connect the Network Camera to the network and power up.
- 2. Start IP Cam Manager utility by clicking **IP CamManager.exe**, the main window will be displayed.

2-1 Check on **Search**.

2-2 Click the **Enter** button.

After a short while, any network devices connected to the network will be displayed in the list.

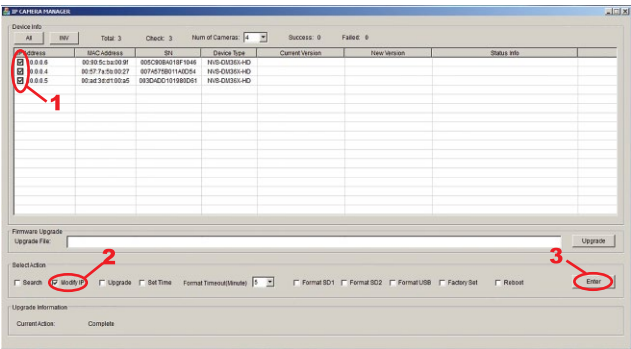


3. The IP address of each camera will be changed automatically based on your computer’s default Gateway IP address

3-1 Check on the camera on the list.

3-2 Check on the **Modify IP**

3-2 Then press the Enter Button.



NOTE: After changing the IP address, you must uncheck the Modify IP option and check on the Search option.

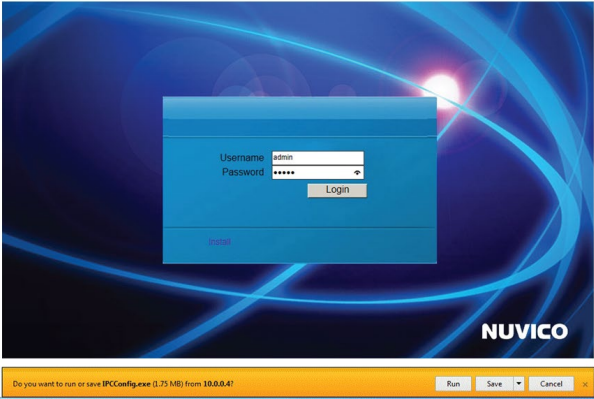
4. Web viewer

The Network Camera can be used with a Windows operating system and the Internet Explorer web browser.

Note: To view the streaming video in Microsoft Internet Explorer, set your browser to allow ActiveX controls.

Open IE and input the IP camera address in the address bar. If it is your first time logging in, IE will ask you to install the **IPCCConfiguration.exe** (Active X File).

Click the **Install & Run** then follow the instructions.



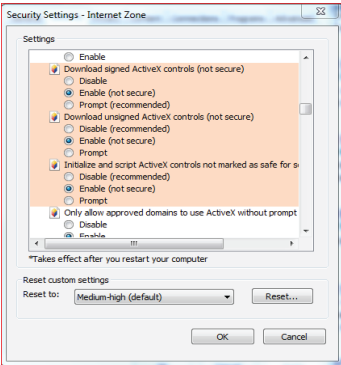
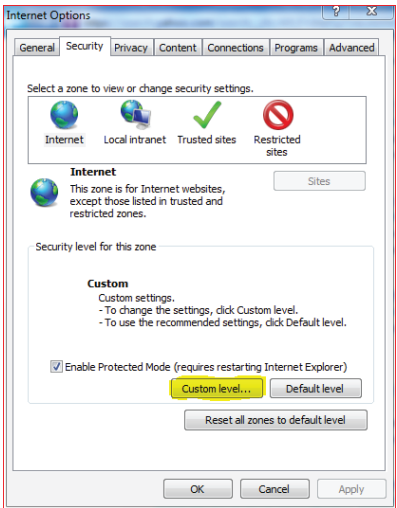
[Web Active X Install]

If you have a problem with downloading ActiveX due to the following reason, you can follow the steps below.

“Windows has blocked this software because it cannot verify the publisher”

You can temporarily disable this security feature to get the website run the required ActiveX and then later re-enable the security.

To disable this feature,



3. Under **ActiveX** ensure the following are set to **enabled**

Run ActiveX and plug-ins - Enabled

Download Signed ActiveX Control - Enabled

Script ActiveX controls marked as safe for scripting - Enabled

4. Set the following to “**Prompt**”

Download unsigned ActiveX Control - Prompt

Initialize and script ActiveX controls not mark as safe - Prompt

5. Click OK and Apply and OK. Restart the browser.

You should now be able to run the ActiveX control on the website

- 1. Open internet explorer, click **Tools - Internet Options**.
- 2. Click the **Security tab - Custom Level** button.