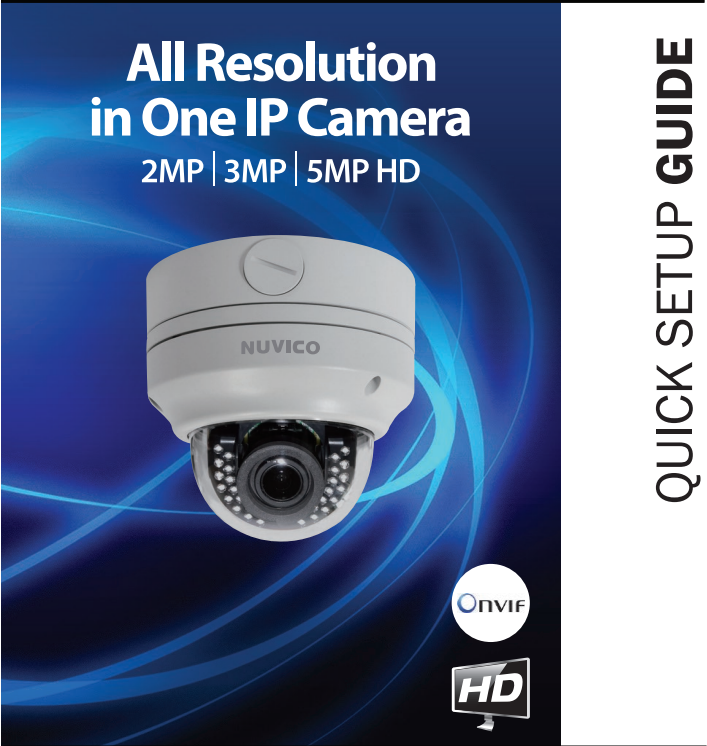




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## 5MP HD Camera Series

### NC2-5M-OV31

## 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 NC2-5M-OV31 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
- 5MP Outdoor rated Vandal Dome w/LED (NC2-5M-OV31)
- 3.3 ~ 10.5mm Vari-focal Lens (NC2-5M-OV31)
- 10fps @ 5MP, 20fps @ 3MP, 30fps @ 2MP
- Day/Night Functionality with ICR
- 32 IR LEDs (Up to 75ft.)
- Built-in Server for Webviewer
- Point and Shoot Installation
- H.264/MJPEG Compression Method
- Power Over Ethernet (IEEE 802.3af Compliant) & 12VDC Voltage
- Alarm / Audio
- CVBS - Analog video out

## 1. Introduction

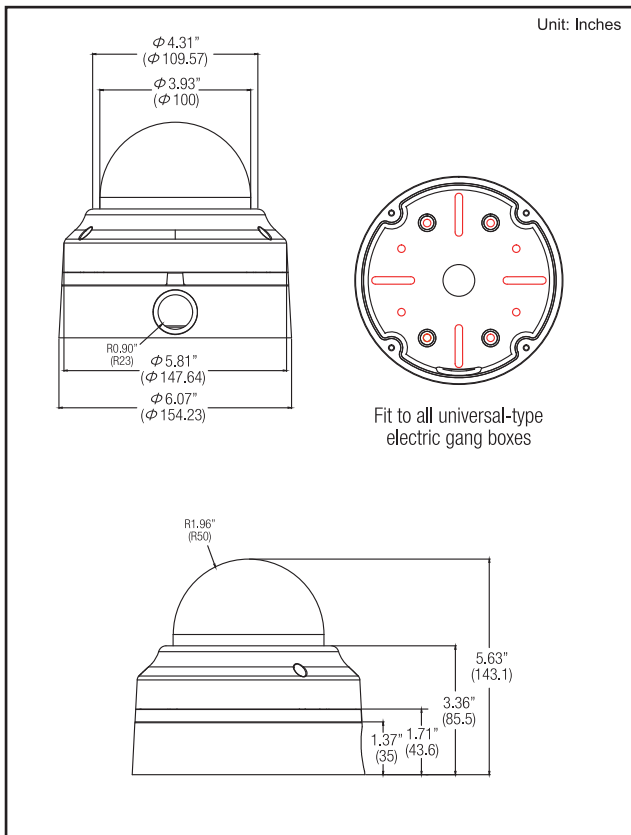
### 1.2 Content Verification

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

1. NC2-5M-OV31 HD Camera
2. Installation Guide
3. Mounting Template Sheet
4. Accessories Kit

## 1. Introduction

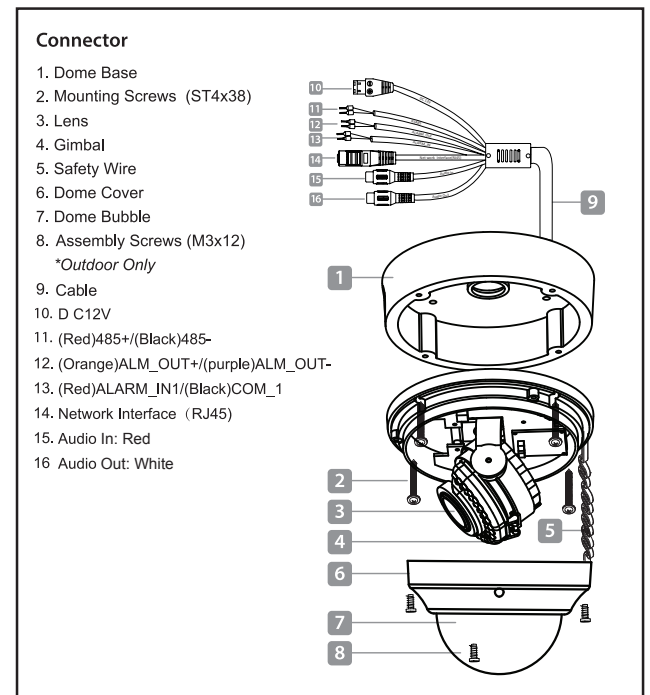
### 1.3 NC2-5M-OV31



## 2. Installation and Configuration

### 2.1 Installation

The dome camera is for use in surface or pendent mounting applications and the mounting member must be capable of supporting loads of up to 3.3lb (1.5kg). (Pendent mounting must use pendent mount accessory.) The dome camera's mounting bracket should be attached to a structural object, such as ply wood, wall stud or ceiling rafter that supports the weight of the dome camera.

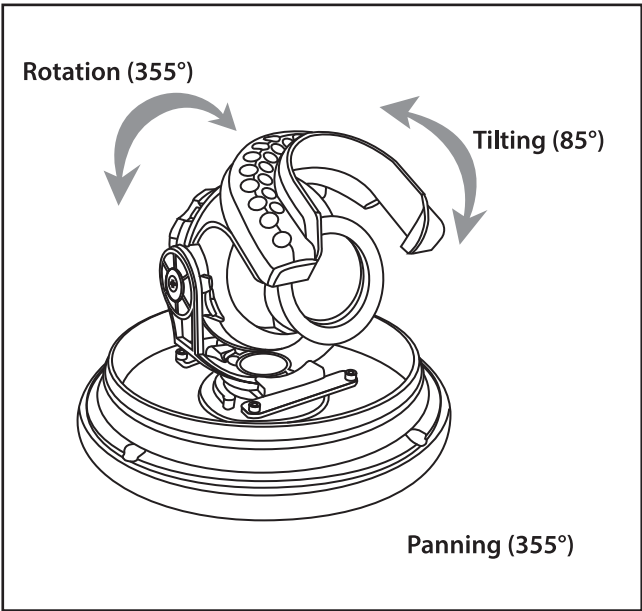


2. Installation and Configuration

2.2 Adjusting 3-Axis Gimbal

The Gimbal mechanism yields maximum rotation and placement as shown below.

- Z-Axis: Rotation 355°
- Y- Axis: Tilting 85°
- X- Axis: Panning 355°



3. Program and Operation

3.1 Detecting IP cameras with IP Cam Finder

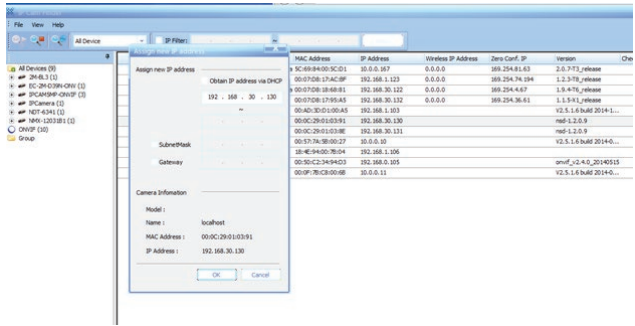
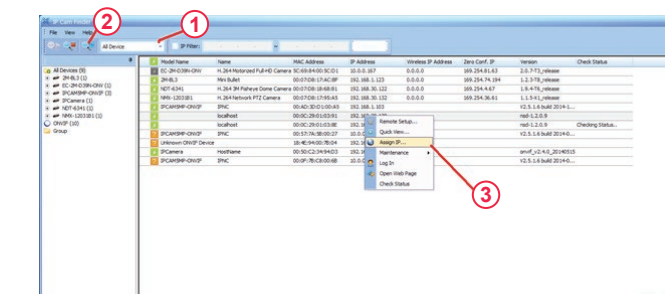
The IP Cam Finder automatically discovers and displays NUVICO 5MP IP Cameras on your network. So please download the "IP Cam Finder" from <http://www.nuvico.com>

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 Finder utility by clicking IP Cam Finder, the main window will be displayed.

- 2-1. Change to ALL Device <sup>①</sup>
  - 2-2. Click the refresh button on the Tool Bar <sup>②</sup>
- After a short while, any network devices connected to the network will be displayed in the list.
- 2-3. Assign new IP address. <sup>③</sup>



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 Active X File. Click the Install & Run then follow the instructions.



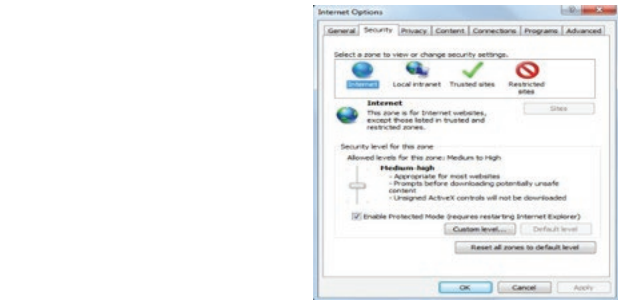
[Web Active X Install ]

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

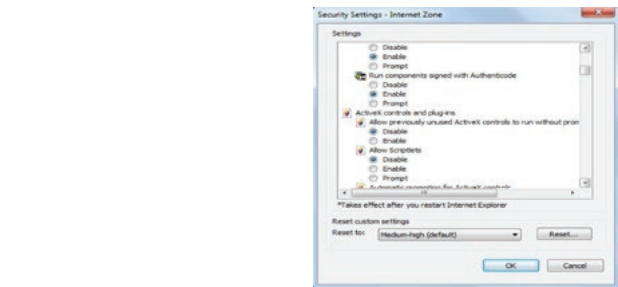
"Windows has blocked this software because it cannot verify the publisher"

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

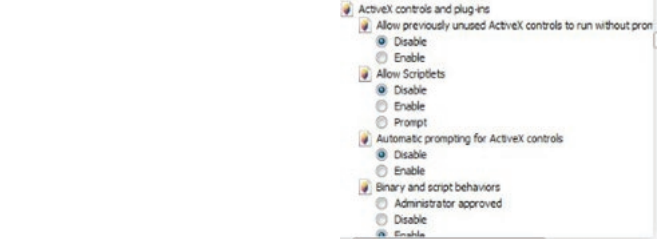
And click on "Internet Options", pop-up screen.



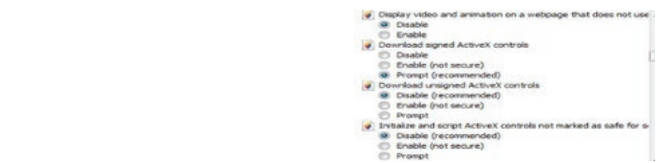
In the "Security", click the button Custom level... Pop-up screen.



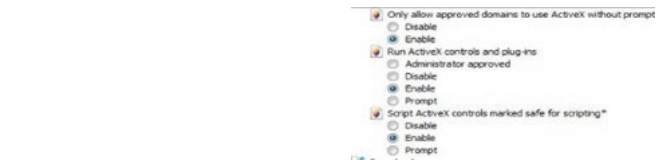
In the ActiveX controls and plug-in to set every option, as follows



Note: Select "Enable"



Note: Select "Enable"



After completing the settings, click OK ,then pop up dialog box. Click to Yes exit the dialog box. And then click OK to exit IE settings.

