



USER MANUAL

NETWORK CAMERA MANAGER

VERSION 2.2

TABLE OF CONTENTS

- NETWORK CAMERA MANAGER SOFTWARE 2**
 - Launching Network Camera Manager2
 - Web Page Load3
 - Firmware Update4
 - Camera Credentials.....4
 - Camera Settings4

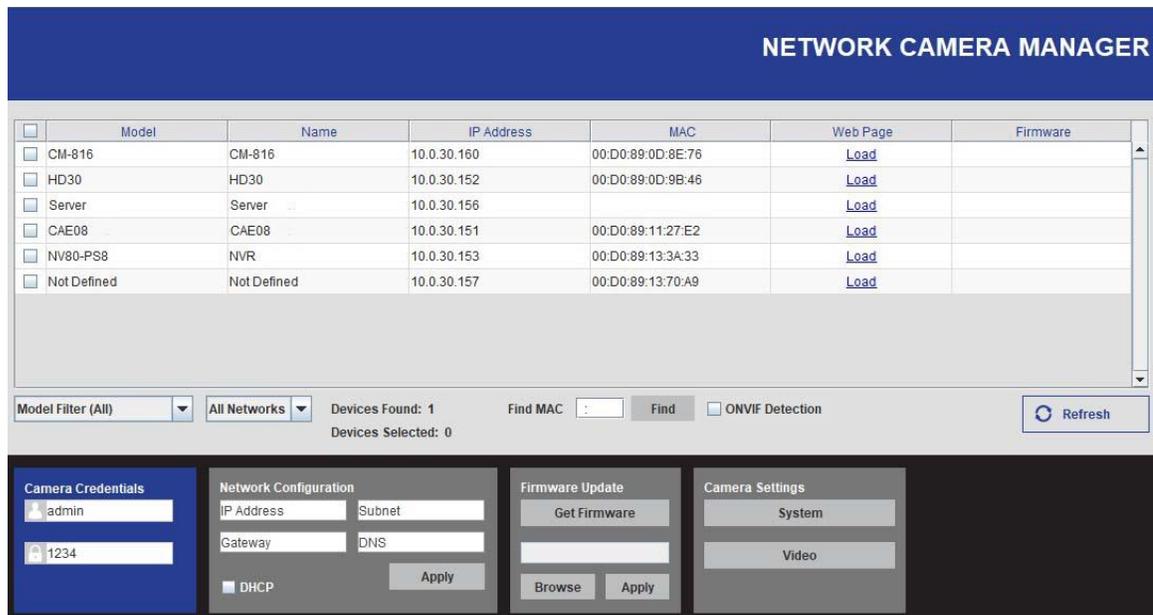
NETWORK CAMERA MANAGER SOFTWARE

Network Camera Manager (NCM) is a software tool that allows you to quickly and easily connect and configure your IP Cameras. This software allows you to assign IP addresses, manage users, configure video settings, and update firmware on multiple supported devices at once.

Installation

LAUNCHING NETWORK CAMERA MANAGER

After installing the program on your PC or laptop, open the program to begin configuring your cameras.



Note Because Network Camera Manager is a Java application, you are able to install NCM on both Windows and Linux platforms. For Windows and Linux platforms, Network Camera Manager will be pre-installed on your recorder. Follow the instructions below to launch Network Camera Manager.

Launch from Windows

From the Windows Start menu, launch **Network Camera Manager** from the Network Device Manager folder.

Launch from Linux

In the local recorder **Cameras** setup page click the **Advanced** button to launch **Network Device Manager**.

Device Configuration

Finding Network Devices

1. Check **ONVIF Detection** if discovery needs to find supported ONVIF devices.
2. Click **Refresh** to reload the Device List.
3. To narrow your search by Camera Model and Network Location, use the **Model Filter** and **All Networks** dropdowns.
4. Network Camera Manager can display the following information: **Model, Name, IP Address, MAC Address, and Firmware version.**

Note A **Find MAC** address search is also available if you are looking for a specific device.

The screenshot shows the Network Camera Manager interface. The main table displays a list of devices with columns for Model, Name, IP Address, MAC, Web Page, and Firmware. Below the table are several control panels: Camera Credentials, Network Configuration, Firmware Update, and Camera Settings. Annotations with orange lines point to various elements: 'All Networks' points to the 'All Networks' dropdown; 'Model Filter' points to the 'Model Filter (All)' dropdown; 'Device List and Addresses' points to the table header; 'Load in Web Browser' points to the 'Load' links in the 'Web Page' column; 'Firmware Version' points to the 'Firmware' column; 'Camera Credentials' points to the 'Camera Credentials' panel; 'Network Configuration' points to the 'Network Configuration' panel; 'Firmware Update' points to the 'Firmware Update' panel; 'Camera Settings' points to the 'Camera Settings' panel; 'ONVIF Detection' points to the 'ONVIF Detection' checkbox; and 'Refresh Device List' points to the 'Refresh' button.

| Model | Name | IP Address | MAC | Web Page | Firmware |
|-------------|-------------|-------------|-------------------|----------------------|----------|
| CM-816 | CM-816 | 10.0.30.160 | 00:D0:89:0D:8E:76 | Load | |
| HD30 | HD30 | 10.0.30.152 | 00:D0:89:0D:9B:46 | Load | |
| Server | Server | 10.0.30.156 | | Load | |
| CAE08 | CAE08 | 10.0.30.151 | 00:D0:89:11:27:E2 | Load | |
| NV80-PS8 | NVR | 10.0.30.153 | 00:D0:89:13:3A:33 | Load | |
| Not Defined | Not Defined | 10.0.30.157 | 00:D0:89:13:70:A9 | Load | |

WEB PAGE LOAD

Viewing a Network Devices Web Settings

1. Click the **Load** link in the row of the device.
2. Enter the **Username** and **Password** for the device. The username and password are case sensitive. It is strongly recommended that the password be changed after the initial setup to prevent unauthorized access.

FIRMWARE UPDATE

Firmware update options have the ability to pull current firmware versions from supported devices and upgrade them.

Get a Devices Firmware Version

1. Discover the device by hitting the **Refresh** button.
2. Once the device has been discovered select the device or check the box next to the model name to select it.
3. Click **Get Firmware** to get the device firmware version.

Upgrading a Devices Firmware

1. Discover the device by hitting the **Refresh** button.
2. Once the device has been discovered select the device or check the box next to the model name to select it.
3. Click **Get Firmware** to get the device firmware version.
4. Select **Browse** and navigate to the firmware file being used for device upgrade.
5. Click **Apply**.

CAMERA CREDENTIALS

Username and password are required to make changes to selected devices with Network Camera Manager.

Adding Device Credentials

1. Enter the username in the user field
2. Enter the password in the password field

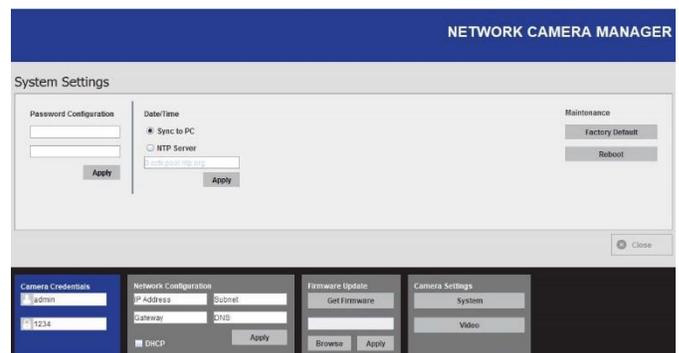
CAMERA SETTINGS

System

The System Settings menu allows you to change your Password, specify the Date / Time, and perform camera Maintenance.

Factory Default — Return device to original factory settings. This maintains the current firmware.

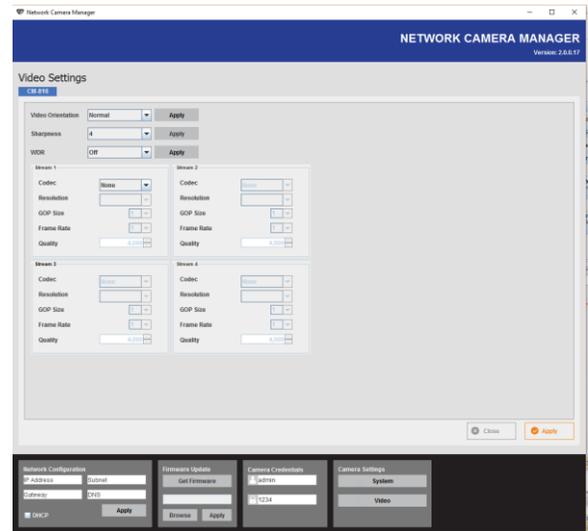
Reboot — Reboots the device.



Video

The Video Settings menu configures supported devices basic settings, including video orientation, sharpness, WDR, codec, resolution, GOP, FPS, and quality.

1. Use the dropdown menus to configure the supported options.
2. Click **Apply** next to certain options or **Apply** at the bottom of the window to save all changes.



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