Quick Start Guide

HD810 Rev B 4MP IP Indoor/Outdoor Dome Camera with Night Vision

This quick operation guide is a quick reference for users to install and operate the dome camera and only provides basic information on the camera’s settings and operation. Before attempting to connect, configure and operate the dome camera, please read the user manual thoroughly.

Camera Connections

Dongle Connections

Sealing Connections

If installing outside, sealing the dongle connections is required to protect the connections from water intrusion. To seal the connections, wrap the entire connection including at least two inches of the cable with self-fusing silicone tape, which can be found in the plumbing section of hardware stores or online.
**CONTENTS**

- Dome Camera  
- Self-Tapping Screws & Plastic Anchors  
- Security Torx Tool  
- 2-Pin Terminal Power Block  
- Quick Start Guide

**PRODUCT FEATURES**

**POWER**

This camera is receives its power from the recorder via Power over Ethernet. If not connecting the camera directly to an AvertX recorder, you may use a separate power supply using the provided power connector lead. Compatible with 12vDC, 24vAC and Power over Ethernet (PoE) power supplies. If you are connecting 12vDC power, verify the polarity of the power connection.

**CONNECTING TO THE IP CAMERA**

The HD810 Rev B has plug and play compatibility with AvertX recorders. The camera will automatically initialize when plugged into the recorder’s PoE connections.

To access the camera setup menu, you need to install the AvertX Network Camera Manager on your PC or recorder. To install the AvertX Network Camera Manager application on your Windows PC, download the program from avertx.com/downloads, and follow the prompts.

1. Open Network Camera Manager, and click Find Devices.
2. Locate your camera on the Network Camera Manager list.
3. To open the viewer software in your web browser, double-click the camera, and then click Browse.

The first time you connect to the camera you will automatically prompted to install the ActiveX controller. If your internet browser doesn’t install the viewer software, check the security settings or ActiveX controls and plug-in settings. If your internet browser asks for permission to install the ActiveX control, you must allow the ActiveX control to continue the installation.

**ASSIGNING AN IP ADDRESS**

AvertX IP cameras come with the default IP address 192.168.0.250. To reset the IP address, use the AvertX Network Camera Manager application to set a new static IP, or use DHCP.

1. Open the Network Camera Manager application.
2. Click Find Devices, and then double-click your camera.

**ETHENET CABLE CONNECTIONS**

Connect a network cable to the camera using the RJ45 input and connect the other end of the cable to your recorder or network switch. Check the status of the network connection by looking at the link indicator and activity indicator LEDs. If the LEDs are not lit check your network connection. The green link LED indicates a network connection and the orange activity LED flashes to indicate network activity.

To enable installation of ActiveX controls on Internet Explorer:

1. From the Tools menu, click Internet Options.
2. Click the Security tab and then click the Internet icon.
3. Click Custom Level and ensure that all ActiveX controls and plug-ins are set to Enable or Prompt.

To add the camera to your trusted sites:

1. From the Tools menu, click Internet Options.
2. Click the Security tab and then click the Trusted Sites icon.
3. Click Sites.
4. Type the IP Address of the camera. Ensure that the Require server verification check box is cleared.

For additional information on adjusting the settings of your internet browser contact your system administrator or refer to the FAQs at AvertX.net.

**Environmental and Power**

| Camera |  
| --- | --- |
| Maximum Resolution | 4MP |
| Frame Rate at Maximum Resolution | 25/30 IPS @ H.264 (4MP) |
| Total Streams | Quad Streaming |
| ONVIF | ONVIF Profile S Compliant |
| Day/Night | True Day / Night |
| Wide Dynamic Range | Shutter WDR on / off @ 3.6MP |

| Environmental and Power |  
| --- | --- |
| Power Consumption | 3.2W |
| - Zoom / motorized lens: +0.55W |
| - IR LED: +3.2W |
| - ICR Switching: 0.5W |
| - Heater: +5.5W |
| Input Voltage | 12VDC / 24VAC / PoE |
| Operating Temperature | -40 – 122 °F (-40 – 50 °C) |