A. Insert and Configure SD Card

If local recording is required to store snapshots and/or recordings triggered by events, an SDXC card (not supplied) must be used.

Insert an SDXC card (min 4GB, up to 128GB, Class 10) in the card slot inside the camera housing (See diagram overleaf).

Replace the camera bubble when complete.

B. Mount the Camera

Verify that the operating temperature range is between -40°C ~ 50°C (-40° ~ 122°F), 0-90% relative humidity (non-condensing).

Be sure to have the required accessories and tools available.

Refer to the User and Installation Guide for mounting instructions.

Make all required wiring connections (See connector details overleaf)

C. Accessing Camera Documentation and Utility Software from the Web

To set ActiveX controls & plug-in settings:

1. Start Internet Explorer.
2. Select Tools > Internet Options from the main menu of the browser.
3. Select the Security tab and click Custom level to change ActiveX settings.
4. Set all ActiveX controls and plug-ins settings to Prompt or Enable.

To set the Internet Security Level:

1. Start Internet Explorer.
2. Select Tools > Internet Options from the main menu of the browser.
3. Select the Security tab and click Default level.
4. Click OK.
5. Close and reopen the browser window.

D. Install the ActiveX Plug-in

Ensure that ActiveX controls can be downloaded by:

(a) Changing the ActiveX controls and plug-in settings

or

(b) Setting the Internet security level to default.

For further details, refer to the camera’s User and Installation Guide.
E. Connecting the camera:

3-Pin Power Connector

<table>
<thead>
<tr>
<th>Power Connector</th>
<th>Pin</th>
<th>Definition</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>AC 24L</td>
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<tr>
<td></td>
<td>2</td>
<td>Ground</td>
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<td></td>
<td>3</td>
<td>AC 24N</td>
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Terminal Connectors

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<th>14-pin Terminal Block</th>
<th>Pin</th>
<th>Definition</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Audio-Out</td>
<td>6</td>
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<tr>
<td>2</td>
<td>Ground (Audio I/O)</td>
<td>7</td>
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<tr>
<td>3</td>
<td>Alarm-Out A1</td>
<td>8</td>
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<td>4</td>
<td>Alarm-Out A2</td>
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<tr>
<td>5</td>
<td>Alarm-Out B1</td>
<td>10</td>
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</tbody>
</table>

Connections

See connector references above

1. Two-pin connector (If using a 12VDC power supply)
2. Cat 5e/Cat 6 cable from the switch to the RJ45 connector for 10/100/1000 Mbps Ethernet and UPoE. Verify that there are steady green and flashing yellow LEDs.
3. Three-pin power connector (if using a 24VAC power supply or a heater) (See E. Connectors)
4. Factory Reset button. To reset factory defaults at any time, press the Default button for at least 20 seconds.
5. 14-pin terminal block connector for alarm and audio in/out - Attach wires from external devices.
6. Video output to a DVR (Attach coax cable to the BNC connector for video output)
7. MicroSD Card Slot

G. Discover the Camera

The camera’s web interface can be accessed by Internet Explorer 10 and higher (32-bit) with the ActiveX plug-in.

Set the Camera’s IP address and Video Format

1. Download and install the DNA Utility from the FLIR website as shown above
2. Attach the unit to the same LAN segment as the computer that is managing the unit. DNA automatically discovers the unit on the network and displays the device’s current IP address in the Discover List.
3. Select the unit from the Discover List.
4. If using a Static IP address (as on a Latitude System), follow the DNA instructions to set the desired IP address.
5. On a system using DHCP, select the DHCP option in DNA.
6. To select PAL or NTSC, select the device in the Discover list, right-click to open the context menu and click Change Video Format.
7. Click Update.

H: If using Storage on the Edge

1. Use the Web interface to verify that the card status is displayed as Mounted in the System > Edge Recording > SD Card screen.
2. Format the card.
3. Configure the camera to store snapshots and recordings from the System > Edge Recording screens.

I. Attach to VMS

Once you have completed installation and setup and found the current IP address with DNA, use your VMS Discovery/Attach procedures to attach the camera to your VMS.