

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 (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).

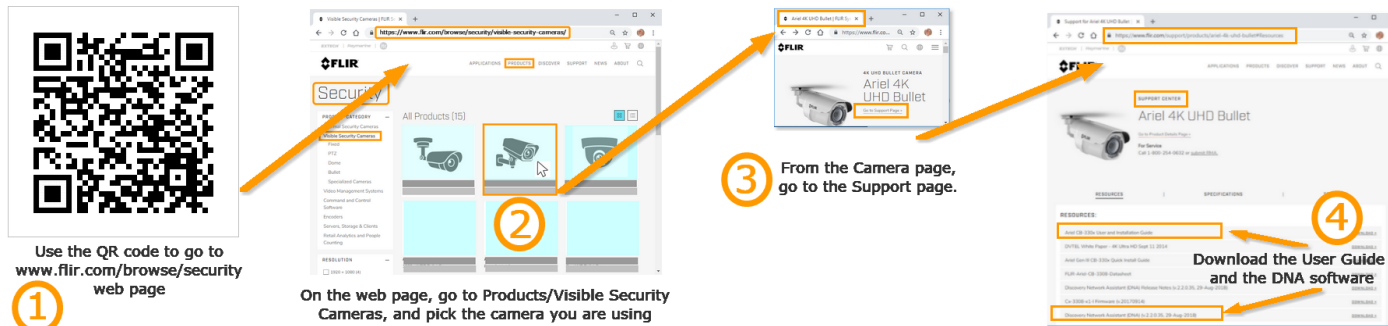
Be sure to have the required accessories and tools available.

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



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.

To set ActiveX controls & plug-in settings:

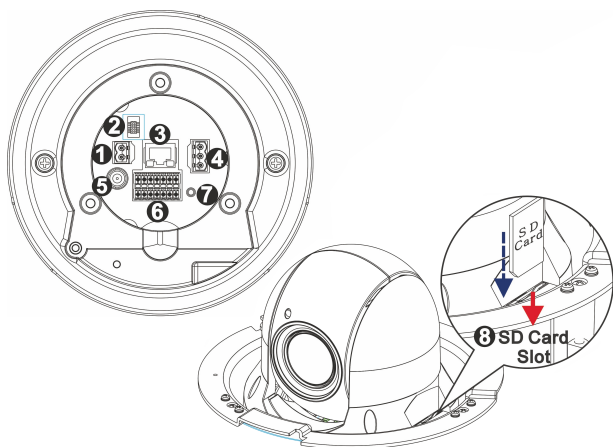
- Start Internet Explorer.
- Select Tools > Internet Options from the main menu of the browser.
- Select the Security tab and click Internet.
- Click Custom level to change ActiveX settings.
- Set all ActiveX controls and plug-ins settings to Prompt or Enable.

To set the Internet Security Level:

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

1. After the request to install the ActiveX control file (install.cab) appears on the screen, click **Yes**.
2. After installing the plug-in, in the pop-up security warning that opens, click **Install** to start downloading the Quasar Player software onto the PC.
3. Click **Finish** when the Quasar Player installation is completed.

E. Connect the Camera



1. Two-pin connector (If using a 12VDC power supply)
2. Console connector (Technician)
3. Cat 5e/Cat 6 cable from the switch to the RJ45 connector for 10/100/1000 Mbps Ethernet and PoE+.
If using PoE, use CP-POE-60W PoE injector or equivalent. Verify that there are steady green and flashing yellow LEDs.

3-Pin Power Connector

Power Connector	Pin	Definition
	1	AC 24L
	2	Ground
	3	AC 24N

Terminal Connectors

14-pin Terminal Block	Pin	Definition	Pin	Definition
	1	Audio-Out	9	Alarm-In 4
	2	Ground (Audio I/O)	10	Alarm-In 3
	3	Alarm-Out A1	11	Alarm-In2
	4	Alarm-Out A2	12	Alarm-In 1
	5	Alarm-Out B1	13	Ground (Alarm I/O and RS-485)
	6	Alarm-Out B2	14	Audio-In
	7	RS-485 D+		
	8	RS-485 D-		

4. Three-pin power connector (if using a 24VAC power supply or a heater) (See E. Connectors)
5. Video output to a DVR (Attach coax cable to the BNC connector for video output)
6. 14-pin terminal block connector for alarm and audio in/out - Attach wires from external devices.
7. Factory Reset Button. To reset factory defaults at any time, press the Default button for at least 20 seconds.
8. MicroSD Card slot. (User-supplied - Min recommended 4GB, up to 128GB, Class 10)

F. Discover the Camera

The camera's web interface should 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 clicking *Change Video Format*.
5. Click Update.

G: 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.

H. 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.



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