

Initial Configuration

1. Prepare the camera:

Remove the camera's protective packaging.

2. Attach an Ethernet cable:

- Connect one end of the CAT-5 Ethernet cable to the Ethernet port of the camera and the other end to the Power Sourcing Equipment (PSE) device, such as a switch.
- Verify that the RJ-45 connector LEDs show:
 - green - a good network connection
 - yellow - flashes to indicate network activity

NOTE: The camera default IP Address is 192.168.0.250 and the default subnet mask is 255.255.255.0.

TIP: A camera setup adapter, such as Veracity Pinpoint, can be used to connect a laptop directly to the camera using PoE.

NOTE: If your browser's OS is IE9, work in Compatibility Mode.

3. Set the camera's IP address:

- Open the DNA application. Mark the unit requiring IP assignment.
- Right-click the mouse and select the assigned IP or Press the Assigned IP button to open the DNA assigned IP screen.
- In the dialog box that is displayed, enter values for the IP Address, Gateway, and Netmask.
- Click update and wait for OK status (green check).

Device type	Vendor name	Model name	Status	Login Status	IP address	Name	Firmware version
camera	DVTel	CF-4221-00	Online	Authenticated	10.70.20.234	MegaPixelCamera	dt20121228NSA
camera	DVTel	CF-3211-00	Online	Authenticated	10.70.20.22	MegaPixelCamera	dt20121228NSA
camera	DVTel	CM-4321-00	Online	Authenticated	10.70.20.30	MegaPixelCamera	dt20121228NSA
camera	DVTel	CM-3211-10	Online	Authenticated	10.70.20.211	MegaPixelCamera	dt20121228NSA
camera	DVTel	CM-4321-00	Online	Authenticated	10.70.20.11	MegaPixelCamera	dt20121005NSA
camera	DVTel	CM-4321-00	Online	Authenticated	10.70.20.10	MegaPixelCamera	dt20121005NSA
camera	DVTel	CM-3211-01	Online	Authenticated	10.70.20.222	MegaPixelCamera	dt20120914NSA
camera	DVTel	CM-3211-10-1	Online	Authenticated	10.70.20.236	MegaPixelCamera	dt20120914NSA

DNA - Assign IP (1 Device Selected)

Use DHCP

First IP Address : 10 . 70 . 20 . 6

Mask : 255 . 255 . 255 . 0

Gateway : 10 . 70 . 20 . 1

Status	Name	Current IP	Previous IP
✔ Ok	MegaPixelCamera	10.70.20.6	10.70.20.10

Update Close

4. Disconnect the cable:

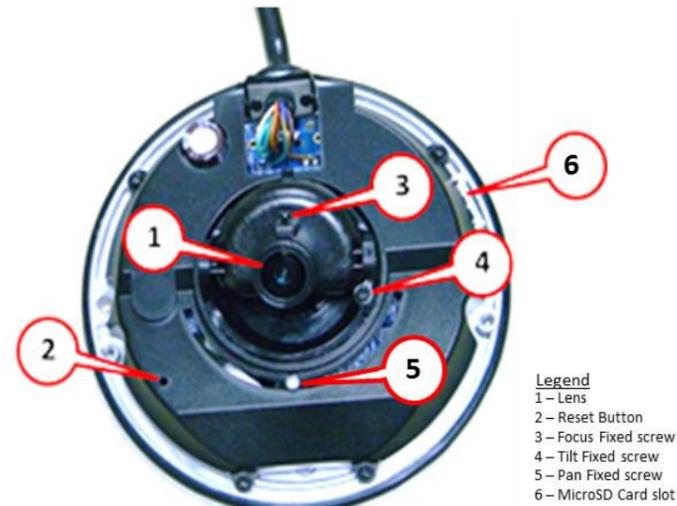
Disconnect the Ethernet cable. The camera is ready for mounting in a site installation.

Adjusting and Framing-up the Camera View

Remove camera cover

Adjust Camera Settings

Note the following locations on the camera:



- To adjust the camera tilt:
 - Loosen the tension screw (4) on the bracket/stand or housing arm.
 - Move the camera so that the field of view is optimized for the desired scene.
 - Re-tighten the tension bolt to hold the camera in place.
- To adjust the focus:
 - Loosen the screw securing the camera focus ring.
 - Adjust the focus by turning the focus ring (3) on the camera counter-clockwise or clockwise until the desired scene is in focus.
 - Re-tighten the screw to maintain the focus setting.
- To adjust the panning angle:
 - Loosen the tension screw (5) just enough to allow lateral movement of the camera lens housing.
 - Adjust the panning angle by turning the lens housing either counter-clockwise or clockwise until the desired panning angle (0° to 180°) is obtained.
 - Re-tighten the screw to maintain the Panning angle setting.
- Replace Camera cover

NOTE: Users who have previously installed the DVTEL Web Player (DCViewer) on the PC should delete the existing DCViewer from the PC before accessing the camera, using the OS add/remove programs application (see users' manual).

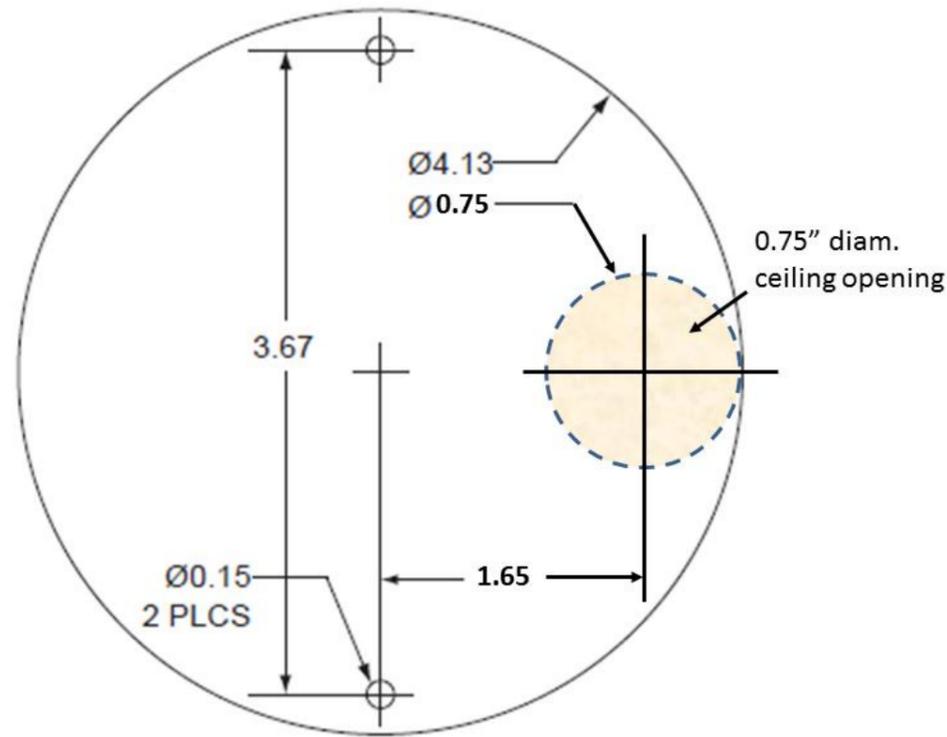
TIP: To view greater image detail for more accurate high-definition focusing, use the full screen view on the Web Base Viewer homepage.

Site Installation

WARNING: The Quasar Compact Fixed Dome Camera must be kept in a clean and dry indoor environment or in the protective outdoor mounting kit supplied with the outdoor model. Operating temperature should be maintained within -10°C ~ 50°C (14° ~ 122°F). Operating humidity should be between 10-90% (non-condensing). The camera should be kept dry, free from water condensation, dust, dirt, and smoke.

1. Mount the camera:

Install the Quasar Compact Fixed Dome Camera in the ceiling.



2. Attach Ethernet cable:

Attach the CAT-5 Ethernet cable from the camera to an IEEE 802.3at PoE switch. The camera is now connected to the network.

Camera Access and Login

1. Access the camera:

Access the camera in one of the following ways:

- If using the DNA application, click DNA. In the results, click to select the camera, right-click to open the shortcut menu and select **Browse**.
- If using a web browser, enter the camera's IP address as the URL.

2. Before logging into the camera:

A client program will be installed automatically on a PC once it is connected to the Fixed Dome Camera. Before accessing the Fixed Dome Camera, 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 manual.

ActiveX Controls and Plug-in Settings	Internet Security Level
1. Start Internet Explorer (IE).	1. Start Internet Explorer.
2. Select Tools from the main menu of the browser.	2. Select Tools from the main browser menu. Click Internet Options .
3. Click Internet Options .	3. Click the Security tab and select "Internet".
4. Click the Security tab and select "Internet".	4. Page down, press "Default Level" and click OK to confirm.
5. Click Custom level to change ActiveX settings.	5. Close the browser window.
6. Set "ActiveX controls and plug-ins" items to Prompt or Enable .	6. To access the camera, open a new browser window.

3. Camera Login:

The IP Dome Camera's default IP address is 192.168.0.250. To access the Fixed Dome Camera for the first time, use the Configurator application to change the camera's IP address.

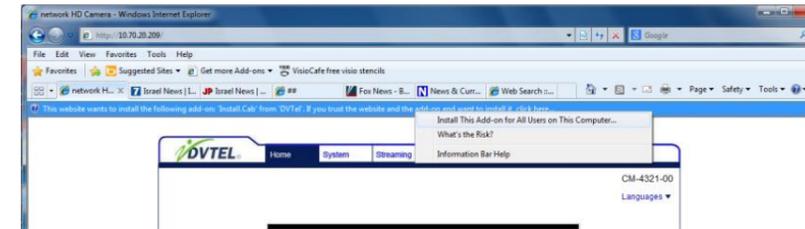
4. Login ID and Password:

- Enter the camera's IP address in the URL bar of the browser window and press "Enter".
- Enter the default user name (Admin) and password (1234).

NOTE: The user name is case-sensitive.

5. Install the ActiveX control:

- After connecting to the IP Dome Camera, a request to install the ActiveX control appears below the URL bar.



- Right click on the information bar, and press "Install ActiveX Control..." to permit ActiveX control installation.
- In the pop-up security warning window, click "Install" to start downloading DC Viewer software onto the PC.
- Click Finish when the DC Viewer installation is completed.

Attach in Latitude

1. In the Latitude application, on the Sidebar click **Physical View**.
2. On the Navigation Tree click the **System name**.
3. Select the **Discovery** tab and do the following:
 - Under Cameras and Encoders, verify that DVTel HD Series is selected and click Start. The camera details appear in the Discovery table.
 - If the camera was not found after running Start, click Discover Unit Manually and in the dialog box that appears, enter the camera IP address, select DVTel HD Series, and click OK.
4. In the Discovery table, right-click the camera, choose **Attach**, and then click the Archiver name to attach to.



Name	Archiver	IP address	MAC address	Manufac
10.70.20.150 (Altitude - HD Elite IP Camera)		10.70.20.150	00-D0-89-08-23-7F	DVTel
10.70.20.164 (Altitude - HD Classic IP Came...		10.70.20.164	00-D0-89-04-D6-CF	DVTel
10.70.20.190 (Altitude - HD Classic IP Came...		10.70.20.190	00-D0-89-08-D9-DD	DVTel
10.70.20.193 (Altitude - HD Classic IP Came...		10.70.20.193	00-D0-89-07-9F-BB	DVTel
10.70.20.194 (Altitude - HD Classic IP Came...		10.70.20.194	00-D0-89-08-38-5E	DVTel
10.70.20.199 (Altitude - HD Classic IP Came...		10.70.20.199	00-D0-89-05-29-9C	DVTel

When finished, click to save.

How to contact DVTel:

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For assistance, email us at support@dvtel.com or visit <http://www.dvtel.com/support>.