

Quick Install Guide

CB-3011 Mini-Bullet IP Camera



1. Plug-in

- 1 → Attach the unit to the LAN.
- 2 → Power the unit via the LAN for Power over Ethernet (PoE), or connect a 12VDC power supply.

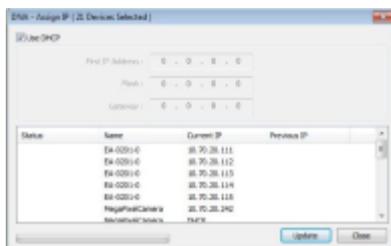


2. Discovery

If the camera is managed by Horizon configured as a DHCP server, Horizon automatically assigns the encoder an IP address. See section 2.1 below.

2.1. To manage the camera using Horizon or on a DHCP-enabled network

1. Install the CD in the product package and run the DNA utility to login to the unit. DNA automatically discovers the unit on the network.



2. Click on the unit in DNA's Discover List. The unit's **Login** window opens.



3. Enter the default User Name (A) and Password (B), which are case-sensitive.

4. Click **Login**. The unit's web interface opens.

5. Click the on-screen message to install the DVTEL plug-in.

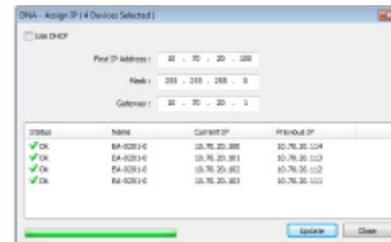


6. Follow the on-screen instructions.

If the camera is managed by Latitude, you must manually enter its IP address in the DNA utility. See section 2.2 below.

2.2. To manage the camera using Latitude or on a network with static IP configuration

1. Install the CD in the product package and run the DNA utility to login to the unit. DNA automatically discovers the unit on the network.



2. In the **DNA Assign IP** screen, uncheck *Use DHCP*, and enter the unit's IP, Mask and Gateway IP addresses.

3. Click **Update**.

4. Click on the unit in DNA's Discover List. The unit's **Login** window opens.



5. Enter the default User Name (A) and Password (B), which are case-sensitive.

6. Click **Login**. The unit's web interface opens.

7. Click the on-screen message to install the DVTEL plug-in.



8. Follow the on-screen instructions.



3. Configuration

1. Attach the unit to the same LAN segment as the computer that is managing the unit.
2. Log into the unit from its web interface with the IP address used in Step 2.



4. Network settings

- From the *Configuration > Advanced Configuration > Network* tab, select **TCP/IP**.
 - Select the NIC type from the drop-down list.
 - Check **DHCP**.
 - Enter the IP details in the IPv4 or IPv6 fields.
 - If you are using multicast, enter the multicast address.
- Select the **Port** tab.
 - Enter the port numbers for the HTTP, RTSP, HTTPS, and SDK ports in the respective fields.
- If you are using other networking protocols, select the tab, enable the protocol, enter the settings, and click **Save**.

The screenshot shows the 'Network' configuration page with the 'TCP/IP' tab selected. Under 'NIC Settings', 'NIC Type' is set to 'Auto'. The 'DHCP' checkbox is checked. IPv4 settings include: IP Address (192.168.0.1), IPv4 Subnet Mask (255.255.255.0), IPv4 Default Gateway (192.168.1.1), IPv4 Mode (Static Advertisement), IPv4 Address (192.168.1.100), IPv4 Subnet Mask (255.255.255.0), IPv4 Default Gateway (192.168.1.1), Mac Address (AA:BB:CC:DD:EE:FF), MTU (1500), and Multicast Address (225.0.0.0). DNS Server settings include Preferred DNS Server (192.168.1.1) and Alternate DNS Server (192.168.1.1). A 'Save' button is at the bottom right.



5. Video settings

- From the *Configuration > Advanced Configuration > Video* tab, configure the camera's settings according to your requirements.
- When finished, click **Save**.

NOTE:

This step is configured automatically by DVTEL's Latitude or Horizon VMS.

The screenshot shows the 'Video' configuration page. Settings include: Stream Type (Main Stream(Normal)), Video Type (Video Stream), Resolution (1280*720P), Bitrate Type (Constant), Video Quality (Medium), Frame Rate (30), Max. Bitrate (16380 Kbps), Video Encoding (H.264), and I Frame Interval (50). A 'Save' button is at the bottom right.



6. Display settings

- Select the *Configuration > Advanced Configuration > Image* tab.
- Select the *Display Settings* tab.
- Configure the camera's image display settings according to your requirements.

The screenshot shows the 'Display Settings' configuration page. On the left is a live video preview of an office. On the right are various settings: Brightness (50), Contrast (50), Saturation (100), Hue (50), Sharpness (50), Iris Mode (Manual), Smart IR (Disable), Exposure Time (1700), Video Standard (60Hz), Day/Night Switch (Auto), Sensitivity (Normal), Switch Time (5), Mirror (Close), WDR (Close), BLC Area (Close), White Balance (Auto), Digital Noise Reduction (Normal Mode), Noise Reduction Level (0), and IR Light Mode (Auto).



7. Live View

- Select the **Live View** tab.
- Configure the Live View display settings, select the stream, set the camera view, and start recording.

The screenshot shows the 'Live View' interface. At the top, there are tabs for 'Live View', 'Playback', 'Log', and 'Configuration'. Below the tabs is a large video window displaying a live camera feed of an office interior. The DVTEL logo is in the top left corner of the interface.

Notice: Failure in part or in whole of the installer, owner, or user in any way to follow the prescribed procedures or to heed warnings and cautions provided in the installation and user manual shall absolve DVTEL and its agents from any resulting liability.

Warning: THIS EXAMPLE IS FOR DEMONSTRATION PURPOSES ONLY. For deployment in live applications, such as security, safety and loss prevention programs, installers, owners and users should read and follow the installation and user manual prescribed procedures provided. Installation should follow safety, standards, electrical codes and security best practices as well as the laws that apply where the units are being installed.