cvsGEVConfigurator User Manual
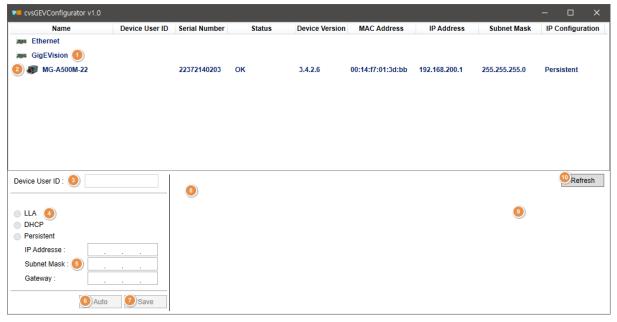
Description of the screens

The camera is not connected.
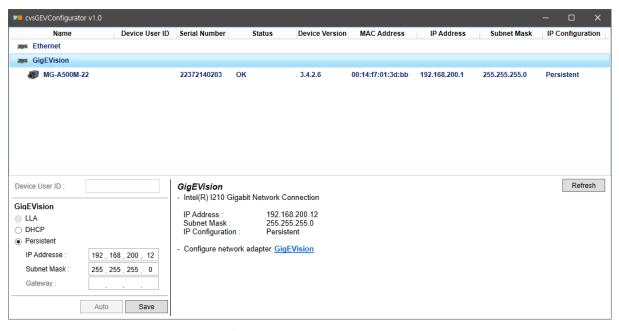

The camera is connected.

① Network adapter Name.

② CREVIS GigEVision Camera Information. (Device User ID, Serial Number, Status, Device Version, MAC Address, IP Address, Subnet Mask, IP Configuration)

③ Enter Device User ID, active only when Camera is selected.

④ Select IP Configuration.

⑤ Enter IP address, Subnet mask, Gateway. Active when setting Persistent. Gateway is inactive when network adapter is selected.

⑥ Automatically sets the IP address according to the configured IP configuration.

⑦ Save the set value.

⑧ Displays information for the selected Network adapter or Camera.

⑨ Refresh when new camera connections or status changes.

Network Adapter settings

Select Network Adapter.

1. Use input window. (LLA is disabled)

   - LLA / DHCP

     - Select the network adapter you want to set up.

     - Select the LLA or DHCP radio button.

     - Click the Save button.

   - Persistent

     - Select the network adapter you want to set up.

     - Select the Persistent radio button.

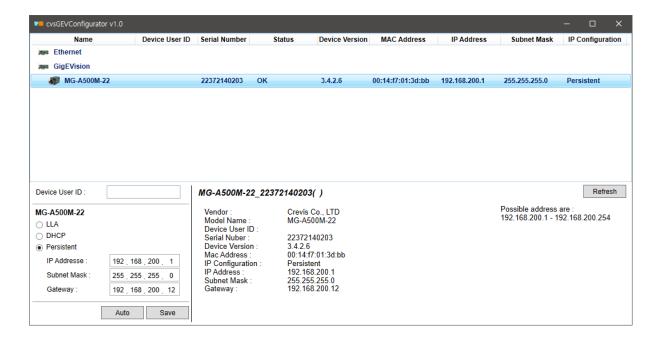   - Enter IP address, Subnet Mask.

     - Click the Save button.

   > 💡 You must run the program with administrative privileges.

   > 💡 When setting up Persistent, the rule of combination of IP address and Subnet Mask must be observed.

2. Use Windows settings.

   - Select the network adapter you want to set up.

   - Click the hyperlink named in the Network Adapter.

   - IP settings in the Settings pane.

Camera Settings

- Camera status.

 Open is possible.

 Unable to open due to different subnet mask combination rules.

 The camera is already open and cannot be opened.

- IP settings are only available when the camera is open or unable to open.
- Setting
    - LLA / DHCP
        - Select the camera you want to set up.
        - Select the LLA or DHCP radio button.
        - Click the Save button.

- Persistent

  - Select the network adapter you want to set up.

  - Select the Persistent radio button.

  - Enter IP Address, Subnet Mask, and Gateway. Refer to the status information window for the input range of IP address.

    > 💡 If you select Static IP after selecting DHCP, it automatically gets the subnet and IP address of the network adapter and enters the IP address, subnet mask, and gateway except the IP Address D Class of the camera.

  - Click the Save button.

- Auto setting function

  - The automatic setting function automatically inputs the IP information of the Camera using the IP information of the network adapter.

  - If the network adapter is DHCP, the Camera is also set to DHCP.

  - If the network adapter is Persistent, the Camera is also set to Persistent.

    - Set the IP address of the camera to the earliest IP address among the configurable IP addresses.

    - The Subnet mask of the camera is the same as the Subnet mask of the network adapter.

    - Gateway of the camera is set to the IP address of the network adapter.

    > 🔍 If Network adapter IP address：169.254.100.1, Subnet mask：255.255.255.0
    > the configurable IP address is 169.254.100.1 - 169.254.100.254
    > Camera's IP address：169.254.100.2
    > Subnet Mask：255.255.255.0
    > Gateway：169.254.100.1

🔍 If Network adapter IP address: 169.254.100.1, Subnet mask: 255.255.0.0
the configurable IP address is 169.254.0.1 - 169.254.255.254
Camera's IP address : 169.254.0.1
Subnet Mask : 255.255.0.0
Gateway : 169.254.100.1