

# cvsGEVConfigurator User Manual

## Description of the screens

The screenshot shows the cvsGEVConfigurator v1.0 window. At the top, there is a table with columns: Name, Device User ID, Serial Number, Status, Device Version, MAC Address, IP Address, Subnet Mask, and IP Configuration. Below the table, there are two sections. The left section contains a 'Device User ID' input field, radio buttons for 'LLA', 'DHCP', and 'Persistent', and input fields for 'IP Adresse', 'Subnet Mask', and 'Gateway'. At the bottom of this section are 'Auto' and 'Save' buttons. The right section displays a yellow warning icon and the text 'No device Found!!'. Below this, it says 'Click "Refresh" or press "F5" to search for devices.' and a 'Refresh' button is visible.

Name	Device User ID	Serial Number	Status	Device Version	MAC Address	IP Address	Subnet Mask	IP Configuration
GigEVision								
Ethernet								

Device User ID :

☐ LLA  
☐ DHCP  
☐ Persistent

IP Adresse :

Subnet Mask :

Gateway :

No device Found!!

Click "Refresh" or press "F5" to search for devices.

The camera is not connected.

The screenshot shows the cvsGEVConfigurator v1.0 window with a camera connected. The table now has three rows: Ethernet, GigEVision (with a red circle 1 next to it), and MG-A500M-22 (with a red circle 2 next to it). The MG-A500M-22 row has values for all columns: Device User ID, Serial Number (22372140203), Status (OK), Device Version (3.4.2.6), MAC Address (00:14:f7:01:3d:bb), IP Address (192.168.200.1), Subnet Mask (255.255.255.0), and IP Configuration (Persistent). The left section has a 'Device User ID' input field with a red circle 3 next to it, and the same radio buttons and input fields as before. The 'Auto' and 'Save' buttons are now labeled with red circles 6 and 7 respectively. The right section has a 'Refresh' button with a red circle 10 next to it. There are also red circles 4, 5, 8, and 9 pointing to various elements in the interface.

Name	Device User ID	Serial Number	Status	Device Version	MAC Address	IP Address	Subnet Mask	IP Configuration
Ethernet								
GigEVision								
MG-A500M-22		22372140203	OK	3.4.2.6	00:14:f7:01:3d:bb	192.168.200.1	255.255.255.0	Persistent

Device User ID :

☐ LLA  
☐ DHCP  
☐ Persistent

IP Adresse :

Subnet Mask :

Gateway :

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

The screenshot shows the 'cvsGEVConfigurator v1.0' window. At the top is a table with columns: Name, Device User ID, Serial Number, Status, Device Version, MAC Address, IP Address, Subnet Mask, and IP Configuration. The table has two rows: 'Ethernet' and 'GigEVision'. The 'GigEVision' row is selected and highlighted in blue. Below the table, there are two main sections. On the left, under 'GigEVision', there are radio buttons for 'LLA', 'DHCP', and 'Persistent' (which is selected). Below these are input fields for 'IP Adresse' (192, 168, 200, 12), 'Subnet Mask' (255, 255, 255, 0), and 'Gateway' (empty). At the bottom of this section are 'Auto' and 'Save' buttons. On the right, under 'GigEVision', there is a 'Refresh' button and a section for 'Intel(R) I210 Gigabit Network Connection' showing 'IP Address : 192.168.200.12', 'Subnet Mask : 255.255.255.0', and 'IP Configuration : Persistent'. Below this is a link to 'Configure network adapter GigEVision'.

Name	Device User ID	Serial Number	Status	Device Version	MAC Address	IP Address	Subnet Mask	IP Configuration
Ethernet								
GigEVision								
MG-A500M-22		22372140203	OK	3.4.2.6	00:14:f7:01:3d:bb	192.168.200.1	255.255.255.0	Persistent

Device User ID :

**GigEVision**

☐ LLA  
☐ DHCP  
☒ Persistent

IP Adresse :   
 Subnet Mask :   
 Gateway :

Auto Save

**GigEVision**

Refresh

- Intel(R) I210 Gigabit Network Connection

IP Address : 192.168.200.12  
 Subnet Mask : 255.255.255.0  
 IP Configuration : Persistent

- Configure network adapter [GigEVision](#)

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

Name	Device User ID	Serial Number	Status	Device Version	MAC Address	IP Address	Subnet Mask	IP Configuration
<b>Ethernet</b>								
<b>GigEVision</b>								
MG-A500M-22		22372140203	OK	3.4.2.6	00:14:f7:01:3d:bb	192.168.200.1	255.255.255.0	Persistent

Device User ID :

**MG-A500M-22**

☐ LLA  
☐ DHCP  
☒ Persistent

IP Address :   
 Subnet Mask :   
 Gateway :

Auto Save

**MG-A500M-22\_22372140203( )** Refresh

Vendor : Crevis Co., LTD  
 Model Name : MG-A500M-22  
 Device User ID :  
 Serial Nuber : 22372140203  
 Device Version : 3.4.2.6  
 Mac Address : 00:14:f7:01:3d:bb  
 IP Configuration : Persistent  
 IP Address : 192.168.200.1  
 Subnet Mask : 255.255.255.0  
 Gateway : 192.168.200.12

Possible address are : 192.168.200.1 - 192.168.200.254

- 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