[FAQ]
What is the Dynamic DNS Server (DDNS)?

Question
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Answer
The Dynamic DNS is an application that allows you to register domain names that always point to your GeoVision network devices. This application is only necessary when your GeoVision network device is using a dynamic IP address. The DDNS will update GeoVision IP Device’s IP address to DNS Server every 10 minutes. Therefore, even if your GeoVision IP device’s IP address changes, you can still locate it by using the registered domain name.

You need to first register a domain name using GeoVision DDNS Service or a third-party DDNS service provider. Next, enable the DDNS function on the GV-IP Device.
1. Log in to the Web interface of your GV-IP Device.

2. In the left menu, click **Network** and select **Advanced TCP/IP**. This window appears.

   ![Advanced TCP/IP Window](image)

   - **Enable**
   - **Service Provider**: GeoVision DDNS Server
   - **Host Name**: Enter appropriate details
   - **Username** and **Password**: Enter appropriate details
   - **Update Time**: Can be refreshed

3. To register a domain name using GeoVision DDNS Service, click **Register GeoVision DDNS Server**. This window appears.

   ![DynamicDNS 01 Window](image)

   - **Username** and **Password**: Enter appropriate details
   - **Word Verification**: Enter the code within the box

4. Type the **Username** and **Password**.

5. In the **Word Verification** section, type the code within the box.
6. Click the **Send** button. This message appears. The **Hostname** listed will be the domain name you use to access the GV-IP Device

![Message](image)

- Username: swansea
- Hostname: swansea.dipmap.com
- IP Address: 127.0.0.1
- Your hostname will be activated in 2 minutes.
- Your hostname will be deleted if you don’t update your host address for 30 days.

7. Under Dynamic DNS Server Settings in the Web interface, select **Enable**.
8. Select the DDNS **Service Provider** you have registered with.
9. Type the **Host Name** you registered.
10. Type the **User Name** and **Password** used to enable the service from DDNS.
11. Click **Apply**.

You can now access your GV-IP Device using the domain name you registered.