

## [FAQ]

# Can I add multiple IP cameras with a single IP address to the GV-System?

**Article ID: GV11-08-02-j**

**Release Date: 08/02/2011**

### Applied to

GV-System of all versions

### Question

Can I add multiple IP cameras with a single IP address to the GV-System?

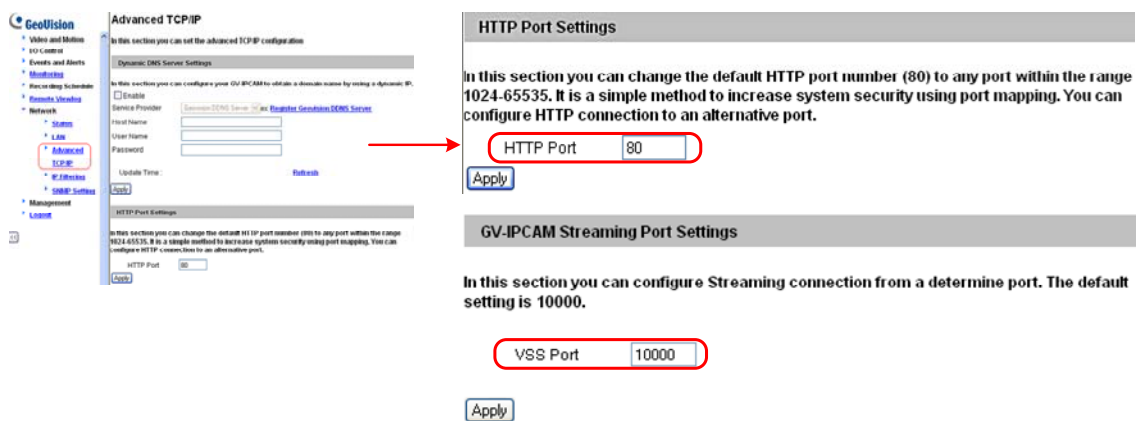
### Answer

If the IP cameras you use can support this feature, you can add multiple IP cameras with a single IP address to the GV-System.

## How to do

To add multiple IP cameras with a single IP address to the GV-System, you need to configure a different HTTP and Streaming ports for each IP camera. In the following instructions, we use GV-IP Camera as example.

1. On the Web interface of the GV-IP camera, select **Advanced TCP/IP**.
2. Configure a different HTTP and Streaming ports for each GV-IP Camera. For example, for the first IP camera, type 80 as the HTTP port and 10000 as the VSS port; for the second IP camera, type 81 as the HTTP port and 10001 as the VSS port, and so on. Click **Apply**.



**Advanced TCP/IP**

In this section you can set the advanced TCP/IP configuration.

**Dynamic DNS Server Settings**

In this section you can configure your GV-IPCAM to obtain a dynamic name by using a dynamic IP.

Enable

Service Provider:

Local Name:

User Name:

Password:

Update Time:  Refresh

Apply

**HTTP Port Settings**

In this section you can change the default HTTP port number (80) to any port within the range 1024-65535. It is a simple method to increase system security using port mapping. You can configure HTTP connection to an alternative port.

HTTP Port:

Apply

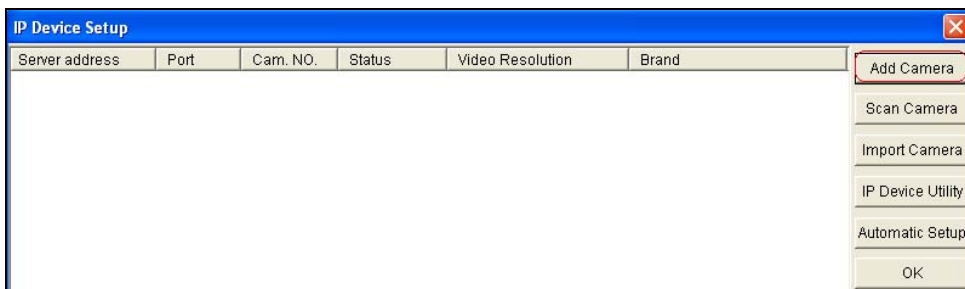
**GV-IPCAM Streaming Port Settings**

In this section you can configure Streaming connection from a determine port. The default setting is 10000.

VSS Port:

Apply

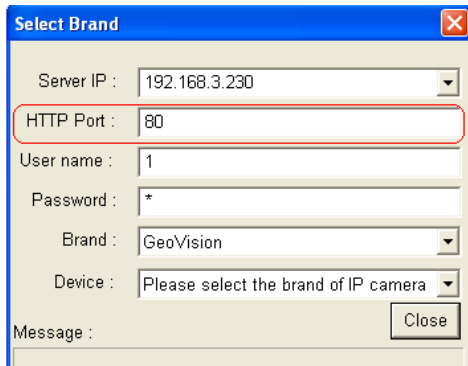
3. On the GV-System, click the **Configure** button, select **System Configure**, select **Camera Install** and select **IP Camera Install**.
4. Click **Add Camera** button.



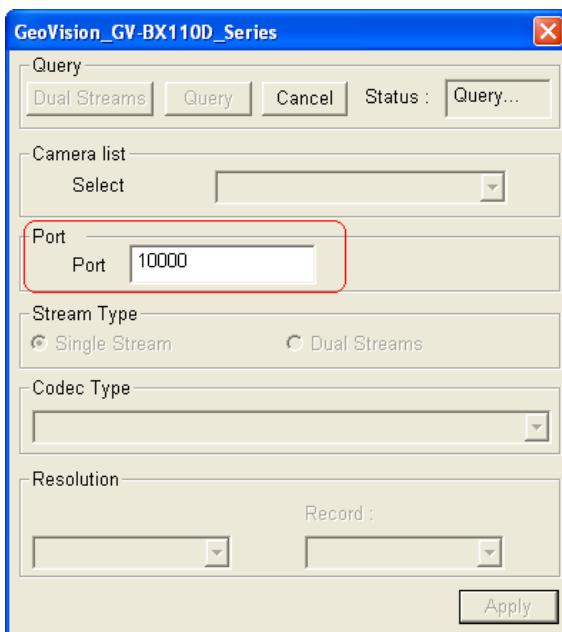
Server address	Port	Cam. NO.	Status	Video Resolution	Brand

Buttons: Add Camera, Scan Camera, Import Camera, IP Device Utility, Automatic Setup, OK

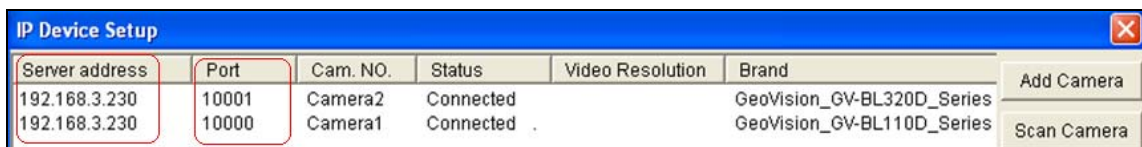
5. Type the IP address, HTTP port, user name and the password of the GV-IP camera. The HTTP port should be the same as that you've set on the Web interface of the GV-IP Camera (see step 2). Select the brand and the model name of the GV-IP Camera.



6. Set the **Port** to be the same as the VSS port you've set on the Web interface of the GV-IP camera (see step 2).



7. Click **Apply**. The IP camera is listed in the **IP Device Setup** box.



Server address	Port	Cam. NO.	Status	Video Resolution	Brand	
192.168.3.230	10001	Camera2	Connected		GeoVision_GV-BL320D_Series	Add Camera
192.168.3.230	10000	Camera1	Connected		GeoVision_GV-BL110D_Series	Scan Camera