



Connection Issue Caused by Contradictory Settings on GV-VMS / NVR

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Applied to

GV-VMS

GV-NVR

Symptom

When any of two or more GV-VMS / GV-NVR connect to the same GV-IP Device, and assign its main stream with different resolutions or codecs, the contradictory settings will cause intermittent connection loss, and eventually lead to the failure of the GV-IP Device.




Solution

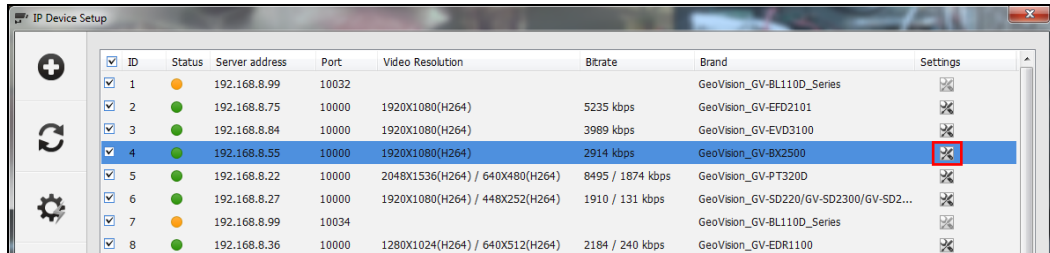
Users can synchronize the settings on the main stream of the GV-IP Device from GV-VMS / GV-NVR to resolve the connection issue mentioned above.




How to Synchronize the Codec and Resolution Settings

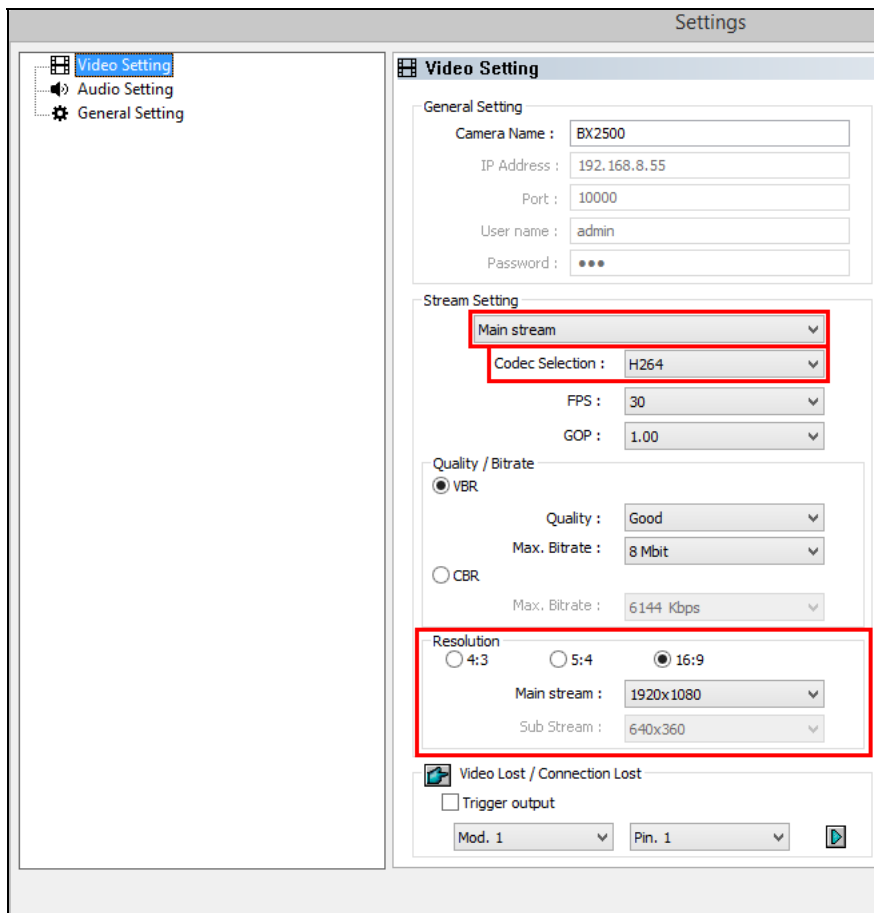
1. GV-VMS

- A. On the main menu of GV-VMS, click **Home** , select **Toolbar** , click **Configure**  and select **Camera Install**. The IP Device Setup dialog box appears.



ID	Status	Server address	Port	Video Resolution	Bitrate	Brand	Settings
1	●	192.168.8.99	10032			GeoVision_GV-BL1100_Series	
2	●	192.168.8.75	10000	1920X1080(H264)	5235 kbps	GeoVision_GV-EFD2101	
3	●	192.168.8.84	10000	1920X1080(H264)	3989 kbps	GeoVision_GV-EVD3100	
4	●	192.168.8.55	10000	1920X1080(H264)	2914 kbps	GeoVision_GV-BX2500	
5	●	192.168.8.22	10000	2048X1536(H264) / 640X480(H264)	8495 / 1874 kbps	GeoVision_GV-PT3200	
6	●	192.168.8.27	10000	1920X1080(H264) / 448X252(H264)	1910 / 131 kbps	GeoVision_GV-SD220/GV-SD2300/GV-SD2...	
7	●	192.168.8.99	10034			GeoVision_GV-BL1100_Series	
8	●	192.168.8.36	10000	1280X1024(H264) / 640X512(H264)	2184 / 240 kbps	GeoVision_GV-EDR1100	

- B. Click the **Settings** button  of the connected camera on the IP Device List.
- C. In **Video Setting**, you can adjust the codec and resolution of the IP Device to keep the settings synchronized.



Settings

Video Setting

Audio Setting

General Setting

Video Setting

General Setting

Camera Name : BX2500

IP Address : 192.168.8.55

Port : 10000

User name : admin

Password : ●●●

Stream Setting

Main stream : Main stream

Codec Selection : H264

FPS : 30

GOP : 1.00

Quality / Bitrate

VBR

Quality : Good

Max. Bitrate : 8 Mbit

CBR

Max. Bitrate : 6144 Kbps

Resolution

4:3 5:4 16:9

Main stream : 1920x1080

Sub Stream : 640x360

Video Lost / Connection Lost

Trigger output

Mod. 1 Pin. 1



2. GV-NVR

- A. On the main menu of GV-NVR, select **Configure, System Configure** and **IP Camera Install**. The IP Device Setup dialog box appears.
- B. Right-click the IP Device and select **Change Resolution** and **Change record codec** to alter the resolution and codec that need to be synchronized.

