2.1.2 IP Camera Setup

- In Multicam, click on "Configure" icon.
 Select "General Setting" -> "Camera/Audio Install" -> "IP Camera Install".

P Device Setup	
Server address Port Cam NO Status Video Resolution	Brand
	Add Camera
	Scan Camera
	- Starroundad
	Import Camera
	IP Device Utility
	Select Brand
3. If IP address is known, select "Add Camera" to	
manually add the camera by entering the IP address, port.	Server IP : 192.168.0.10
user name, password, and camera model manually	HTTP Port : 80
user hume, puss word, and camera moder manually.	
 CooVision IP Davias's default user name and 	Oser name . admin
• Geovision II Device's dejauli user nume and	Password : +++++
passwora is aamin/aamin	Brand : GeoVision 💌
	Device : Please select the brand of IP camera
4. Otherwise, select "Scan Camera".	Class
a. In the search result, double-click on the desired	Message :
IP Camera and enter the "User name" and	GeoVision_GV-FE110
" Password " of the IP Camera.	Query
b. Select "Query".	Dual Streams Query Cancel Status : Status
c. Click on " Dual Streams " button to switch from	_ Camera list
single stream to dual-stream model, if applicable.	Select
d. Click on " Apply "	Port
e Click on " Close "	Port 10000
	Stream Type
f Right_click on the IP Camera in the IP Device	© Single Stream C Dual Streams
Setup window	Codec Type
Sclup window.	Preview and Record : H264
g. Select Display position then map the camera	Resolution
on to desired camera position.	Record :
h. When the status of the connection changed to	Y Y
"Connected", click on "OK".	Annly
IP Device Setup	×
Server address Port Cam. NO. Status Video Resolution	Brand
192.168.0.251 10000 No Disconnect	Goovingion_GV-FE110 Add Camera
192.168.0.45 10003 No Disconn Display position > CAP	1.1 ion_GV-IP Camera V1 Scan Camera
192.168.0.44 10002 No Disconn Delete camera CAP	M.2 ion_GV-IP Camera V1
192.106.0.43 10001 NO DISCONN Change secting CAN 192.168.0.48 10000 No Disconn Remote camera setting CAN	M.4 ion GV-IP Camera V1 Import Camera
Diaconni 10000 110 Diaconni Character Conner	M.5 ion GV-IP Camera V1
192.168.0.47 10000 No Disconn Duplicate Camera CAM	
192.168.0.47 10000 No Disconn Duplicate Camera CAM 192.168.0.46 10000 No Disconn Network Time Out ▶ CAM	M.6 ion_GV-IP Camera V1 IP Device Utility
192.168.0.47 10000 No Disconn Duplicate Camera CAt 192.168.0.46 10000 No Disconn Network Time Out ► CAt 192.168.0.45 10000 No Disconn Network Time Out ► CAt 192.168.0.45 10000 No Disconnect CAt	M.6 ion_GV-IP Camera V1 IP Device Utility M.7 ion_GV-IP Camera V1

✓ For detailed instruction, refer to p.123 of v8.4 User Manual

2.1.3 Image and Audio Setup

- 1. In Multicam, click on "Configure" icon.
- 2. Select "General Setting" -> "Camera/Audio Install" -> "IP Camera Install".
- 3. Right-click on the IP camera and select "Preview & Audio Setting".

IP Device Setup						
Server address	Port	Cam. NO.	Status	Video Resolution	Brand	Add Camera
192.168.0.250	10000	Camera1	Connected	320x256(MPEG4)&128	GeoVision_GV-PT110F	Add Calificia
192.168.0.251	10001	No	Disconnect		GeoVision_GV-I Disc	onnect camera
192.168.0.45	10003	No	Disconnect		GeoVision_GV-I Char	nge position
192.168.0.44	10002	No	Disconnect		GeoVision_GV-I Prev	view & Audio Setting
192.168.0.43	10001	No	Disconnect		GeoVision_GV-I Dele	ete camera nera
192.168.0.48	10000	No	Disconnect		GeoVision_GV- Rem	iote camera setting
192.168.0.47	10000	No	Disconnect		GeoVision_GV-I Netv	work Time Out 🔹 🕨 Itility
192.168.0.46	10000	No	Disconnect		GeoVision_GV-I On [Demand Display 🔹 🕨 🥅
192.168.0.45	10000	No	Disconnect		GeoVision_GV-le Cam	era vi OK
192.168.0.44	10000	No	Disconnect		GeoVision_GV-IP Cam	era V1 🦰 🚽
4. To flip t	he image	e, select the	correspondi	ng option under Ima	ge Orientation.	
Preview and Audio	setting					
Preview selected ca	amera					
CAM.1 -	Γ	Preview dual s	stream record ch	annel	OK	
			•		- 1	
Video preview	-	Audio setting -	2	Round-the-Clock Au	dio Cancel	
		Monitor				
		Sensitivity: 7		VVave Out		
				Rec Audio 🔏		
I ON THE I		Gain				
	1000	Control 3		Minhar March & which & a the		
		Control .		and designed and delayly		
Image Orientation -						
Normal C H	Horizontal Mi	rror C	Vertical Flip	C Rotate 180		
Live-view frame rate	e Control —					
📕 Live-view key fra	ame only.					
	n					
-GV-GIS Setting -	2					
Enable Connect	tion to GV-GI	IS				
I						

- 5. To enable audio, check "Wave Out".
- 6. To enable audio recording, check "Rec Audio".
 - a. Adjust Monitor Sensitivity to adjust audio detection sensitivity.
 - b. Adjust Gain Control to increase or decrease audio volume.

✓ High gain may result in increased noise and decreased I audio quality.

- c. Select "Round-the-Clock Audio" for 24/7 audio recording.
- 7. Click "**OK**".
- 8. Click "**OK**" again to exit IP Device Setup.
- ✓ For detailed instruction, refer to p.126 of v8.4 User Manual

2.1.4 On Demand Display

On Demand Display is only applicable to IP devices which support dual-stream funciton. Dual-stream can be enabled on GeoVision IP cameras via the web interface. For more information, refer to IP Camera's user manual.

- 1. In Multicam, click on "Configure" icon.
- 2. Select "General Setting" -> "Camera/Audio Install" -> "IP Camera Install".
- 3. Right-click on the IP camera and select "On Demand Display".

Server address	Port	Cam. NO.	Status	Video Resolution	Brand	Add Camera	
192.168.0.250	<u>10000</u>	Camera1	Connected	320x256(MPEG4)&128	GeoVision_GV-PT110D		
192.168.0.251 192.168.0.45	Disconnect camera Change position Preview & Audio Setting Delete camera		Disconnect Disconnect		GeoVision_GV-FE110 GeoVision_GV-IP Camera V1	Scan Camer	
192.168.0.44 192.168.0.43			Disconnect Disconnect		GeoVision_GV-IP Camera V1 GeoVision_GV-IP Camera V1	Import Camera	
192.168.0.48	Remote Network	camera setting . Time Out	 Disconnect Disconnect 		GeoVision_GV-IP Camera V1 GeoVision_GV-IP Camera V1	IP Device Util	
192.168.0.46 192.168.0.45 192.168.0.44	On Dema 10000	and Display NO NO	Crable, wher Disable Disconnect	n vièw size bigger than 🔸 6 7 🗸 8	640 X 480 ,use higher resolution stream 720 X 480 ,use higher resolution stream 300 X 600 ,use higher resolution stream	iing iing)K iing	
192.168.0.43	10000	No	Disconnect	Disconnect Disconnect 1024 X 768 ,use higher resolution stre 1280 X 1024 ,use higher resolution str 1600 X 1200 ,use higher resolution str 1920 X 1080 ,use higher resolution str		ming aming aming aming	

- 4. Select **Enable** or **Disable**.
- 5. Select the resolution limit for higher resolution streaming.
 - a. For the example above, with resolution limit of 800x600, the IP camera will stream 320x256 resolution by default when the camera is viewed in multiple-channel division. The IP camera will stream 1280x1024 instead when going into four-division view or single-channel view, when live view resolution of the camera is greater than 800x600.
- ✓ For detailed instruction, refer to p.137 of v8.4 User Manual

2.1.5 Supported IP Device Brands List

GeoVision v8.4 software supports the following IP device brands.

To view a specific list of IP device models supported associated with each brand, visit GeoVision's website at <u>http://www.geovision.com.tw/english/4_21.asp</u>

GeoVision
ACTi
Arecont Vision
AXIS
Bosch
Canon
CNB
D-Link
Etrovision
Hikvision
IQinVision
JVC
MOBOTIX
Panasonic
Pelco
Sanyo
SONY
UDP
Verint
VIVOTEK