4.3 Multiview Setup

✓ Configure this section on remote PC.

4.3.1 Install Multiview

Multiview can be obtained from one of the following locations:

- ✓ Download from GV-DVR system remotely via Internet Explorer.
- ✓ Install from GeoVision installation disk.
- ✓ Download from <u>http://www.usavisionsys.com/download</u>.

Download from GV-DVR System

- 1. Under Internet Explorer, type in DVR's IP address as found in section 4.2.2. (If connecting within the same network, use LAN IP address as found in 4.2.1.)
- 2. Type in ID and Password of the DVR system
- 3. Click "Login".
- 4. Install all ActiveX Control as prompted. (ActiveX Control options will appear as an orange bar on top)
- 5. Click on orange bar as shown below, then select "**Install**" or "**Run Add-on**".

GeoUision				
	Webcam Login			
ID:	0000			
Password:	••••			
	Guest Login			
	Remember My ID and Password			
	Login			
	Change Password			
Forget Password				



7. Select "Run" if prompted by Internet Explorer security warning.



- 8. When one channel view appears on the webpage, click on "DMMultiView" from the menu list on the left.
- 9. Select "1024x768" to download Multiview.
- ✓ Select higher resolution Multiview only if your desktop supports such resolution
- 10. Follow on-screen instruction to finish installing Multiview.



11. Proceed to Section 4.3.2 Run Multiview.

Install from Disk

- 1. Insert GeoVision Main System Installation Disk in DVD Rom.
- 2. In the main menu, select "Install GeoVision System".

💐 V8.4.0.0 Install program	
GeoUision:	
Install GeoVision V8.4.0.0 system to your PC.	1. Install or Remove GeoVision GV-Series Driver
System to your rot	2. Install DirectX 9.0c
	3. Install GeoVision V8.4.0.0 System
	4. Browse User's Manual (PDF Format)
	5. Download Adobe Acrobat Reader
	6. Download Microsoft iSCSI Software Initiator
	7. Download Microsoft .NET Framework 3.5
	8. Download Microsoft Chart Controls (For Microsoft .NET Framework 3.5)
	9. Product Demonstrations

Live View

Remote Play Back

DMMultiView 🔻

3. Select "GeoVision Multi View".

💐 V8.4.0.0 Install program	
GeoUision:	
Install GeoVision V8.4.0.0	GeoVision Main System
Multi view to your PC.	GeoVision Remote ViewLog
	GeoVision Remote Playback Client Site
	GeoVision Single Player
	GeoVision Center V2
	GeoVision Multi View
	GeoVision Audio Broadcast

- 4. Follow on-screen instruction to finish installing Multiview.
- 5. Proceed to Section 4.3.2 Run Multiview.

Download from Website

- 1. In Internet Explorer, go to http://www.usavisionsys.com/download.
- 2. Click on "Software".
- 3. Click on "Multiview".
- 4. Click on "Download".

Ø USAVISIONSYS.COM Downloads Software - Windows Internet Explorer provided by Yahoo!				
<u> - O</u>	http://www.usavisionsys.com/downlo	pad/file.php?category=1&file=f899139df5e1059396431415e770c6dd		
🖕 Favorites	USAVISIONSYS.COM Downloads	Software		
	▶ HOME	DOWNLOAD > SOFTWARE > MULTIVIEW		
	▶ PRODUCTS	MULTIVIEW		
	▹ SOLUTIONS	DMMultiview v8.31 for Remote Webcam Viewing		
	SUPPORT			
	DOWNLOAD			
	▶ TRAINING			
	▶ ABOUT US			

- 5. After download, extract the zip file then run **Setup.exe** to begin setup.
- 6. Follow on-screen instruction to finish installing Multiview.
- 7. Proceed to Section 4.3.2 Run Multiview.

4.3.2 Run Multiview

Multiview can be executed from one of the following locations:

- a. Access via Internet Explorer.
- b. Access via Start, All Programs, DMMultiview.

Access from Internet Explorer

- 1. Under Live View window in Internet Explorer, select "DMMultiview".
- 2. Select "**1024x768**". (If a different resolution has been selected in step 9 from section 4.3.1, select that resolution instead)



Access from Internet Explorer

- 1. On Windows desktop, click on "Start".
- 2. Click on "All Programs", select "DMMultiView".
- 3. Click on "DMMultiView".

DMMultiView
DMMultiView
Wninstall DMMultiView

4.4 Multiview

4.4.1 Connect to DVR

1. Enter User Name and Password to connect to Host DVR listed above.

🔓 Login	×				
Please key-in	username and password				
Host	US Office Edit				
Device	GV-DVR System				
User Name					
Password					
	Save Password				
	Forget Password				
	Change Password				
ОК	Cancel				
MultiView support 1024x768 or higher resolution screen and version 5.4 or later.					

- 2. To change Host IP address and port information, select "Edit".
- 3. Enter new Host IP address and port information, then click "**OK**". (Port information should match the ones listed in step 4 of section 4.1)

Login	X
Device	GV-DVR System
IP Address	
Command Port	4550
Data Port	5550
Audio Port	6550
HTTP Port	80
ОК	Cancel

4. Click "**OK**" in the Login window to bring up Multiview.



The controls in the Multi View:

No.	Name	Description		
		Displays live video. Right-clicking on live video allows you to		
1	Monitoring Window	instantly access some useful functions. Selecting Resolution		
1		displays a resolution indicator at the bottom right corner of		
		the video.		
		Displays the connected GV-Systems and their available		
2	Host List	cameras.		
		See Host List topic later.		
2	Auto Search	Displays all hosts on the same LAN.		
3		See Host List topic later.		
4	Show Comoro Monu	Select the desired camera for display. If a panorama view is		
4	Show Camera Menu	created at the GV-System, it is also included in this menu.		
E	PT7 Control	Displays the PTZ control panel.		
5		See PTZ Control, and Visual PTZ Control Panel topics later.		
6	I/O Control	Displays the I/O control panel.		
0		See I/O Control topic later.		
7	Channel Status	Indicates the general information of the selected channel.		
(Ghannel Status	See Channel Status Information topic later.		

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		GeoVision Technical Handbook 52				
28	Save Camera to Multiple Host	See Combing Multiple Hosts into a Single Host topic later.				
00	Cours Compare to Mall' 1, 11, 1	Saves the selected cameras and creates a Multiple Host.				
27	Snapshot	Takes a snapshot of the selected channel.				
		Hardware-compressed and megapixel quality, see Hardware-Compressed and Megapixel Stream topic later.				
26	Quality	MPEG4.				
		Adjusts video quality with two options: Geo H264 and Geo				
25	Save	See Video Recording topic later.				
25	Sava	Saves live video.				
24	Stop	Terminates the connection to a GV-System.				
23	Play	Establishes the connection to a GV-System.				
22	Microphone	Enables speaking to a remote GV-System.				
21	Speaker	Enables live audio from a remote GV-System.				
20	Exit/Minimize	Closes or minimizes the Multi View window.				
19	Screen Division	Sets screen divisions to 4 6 8 9 10 13 16 or 32				
18	Video Polling	See Video Polling topic later				
		Rotates through the selected channels				
		Server Settings earlier in this chapter				
17	Full Screen	set on the GV-System will be applied. See <i>Wideo1</i> WebCam				
	To Multicast	Switches to a full screen view. The maximum video resolution				
16	Multicast	Accesses the Multicast function				
15	Next	Goes to the next page of Screen Division buttons				
		channel to add to or remove from the video polling.				
14	Add/Remove Channel	or Remove Channel button and then click the desired				
		Adds or deletes the channels for video polling. Click the Add				
13	Zoom in and out	Zooms in or out the selected channel.				
		See Host Information topic later.				
12	Host Information	GV-System.				
		Displays the general information of the connected				
11	Camera Status	See Camera Status Display topic later.				
		Displays the camera status of the connected GV-System.				
10	Edit Host	See Adding a Host topic later.				
		Adds, deletes or modifies a host.				
9	Configure	See System Configuration topic later				
-		Accesses system settings of the Multi View.				
		See Remote ViewLog topic later.				
8	ViewLog	the video player ViewLog.				
		Plays back recorded files of the remote GV-System by using				

4.4.2 Single Host

Through Single Host, Multiview provides the ability to save DVR's IP address, user name, and password in an address book to allow streaming video from multiple DVRs.

- 1. In Multiview, click on "**Edit Host**" button as shown above.
- 2. Click "New" button then select "Group" to create a new group.



- 3. After a group is created, click "New" button then select "Host" to create a new host.
- Name the DVR in "Host Name" for identification.
- 5. Enter **IP Address**, **User Name**, **Password**, as well as **Ports** used for DVR.
- 6. Click on "Save".
- 7. Repeat steps 1 to 6 to add multiple DVRs into host list.
- 8. Click on "OK".
- ✓ For detailed instruction, refer to p.399 of v8.4 User Manual

H	lost Informations			
Host Protection				
LectNome	New Lloot			
Host Name	I New Host			
. .				
Device	GV-DVR System			
IP Address				
User Name				
Password				
Command Port	4550			
Data Port	5550			
Audio Port	6550			
HTTP Port	80			
	Change Password			
	Save			

4.4.3 Multi Host

Through Multi Host, user may customize each channel to pull up video from different DVRs directly.

- 1. Follow steps 1 to 3 in section 4.4.2.
- 2. Select "Multiple Host" instead of Single Host above.

	Host Informations			
Host Pr	otection			
C Single Host	Multiple Ho	st		
Host Name	New Host			N.
Password			Camera Setting	
	< >		Device	GV-DVR System 💌
1. 👿 🔤 Ed	lit 9. 👿	Edit	IP Address	
2. E	lit 10. 💆	Edit	User Name	
3. 29 E0	lit 12 🔯	Edit	Password	
5. 10 Ec	lit 13. 🕅	Edit	1 455 Word	
6. 🚺 Ec	lit 14. 👿	Edit	Camera No.	1 💌
7. 🙋 🔤	lit 15. 💆	Edit	Command Port	4550
8. 💓 🔡 Ed	lit 16. 💹	Edit	Data Port	5550
			Audio Port	6550
		Save	ок	Delete Cancel

- 3. For each camera, click on "Edit".
- 4. Enter IP Address, User Name, Password, as well as Ports used for DVR.
- 5. Select **Camera No.** on the DVR to be played for this channel.
- 6. Click "**OK**" to save camera information for this channel.
- 7. Repeat steps 1 to 6 to define Camera information for each channel.
- 8. Click on "Save".
- 9. Click on "OK".
- ✓ For detailed instruction, refer to p.400 of v8.4 User Manual

Alternatively, Multiple Host can also be saved directly from Multiview if user wishes to save the current viewing channel combination.

Stop	Stop	No Privilege	No Privilege	No Privilege	No Privilege	Host Auto Search 192.168.0.154 Authenication Host
No Privilege					No Privilege	
No Privilege		No P New Host	are kewin username an		No Privilege	
No Privilege		No F	Group Ist Name New H	pst	No Privilege	
No Privilege		P	OK Ca	ncel	No Privilege	(#) (#) (#)
No Privilege						192.168.0.154
						0.0 kbps

- 1. Under Multiview, adjust live view channel layout by drag and drop video channels from multiple DVR sources from the host list on the right.
- 2. When the desired live view combination has been assembled, click on **Save Host** button at the lower right hand corner of Multiview.
- 3. Assign a Group, if any, then Host Name and Password for this MultiHost configuration.
- 4. Click **OK**.