

VRX Company Inc.

Application Note: VideoInsight Setup for VR100IP Compatibility

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Version 1

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1 Notices

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2 Objective and Scope

The objective of this document is to show the setup of the Video Management Software from Video Insights for compatibility with the VR100IP IP text inserter.

3 Setup Notes

1) Start VI monitor

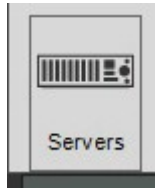


2) Set the VR100IP as Generic Camera

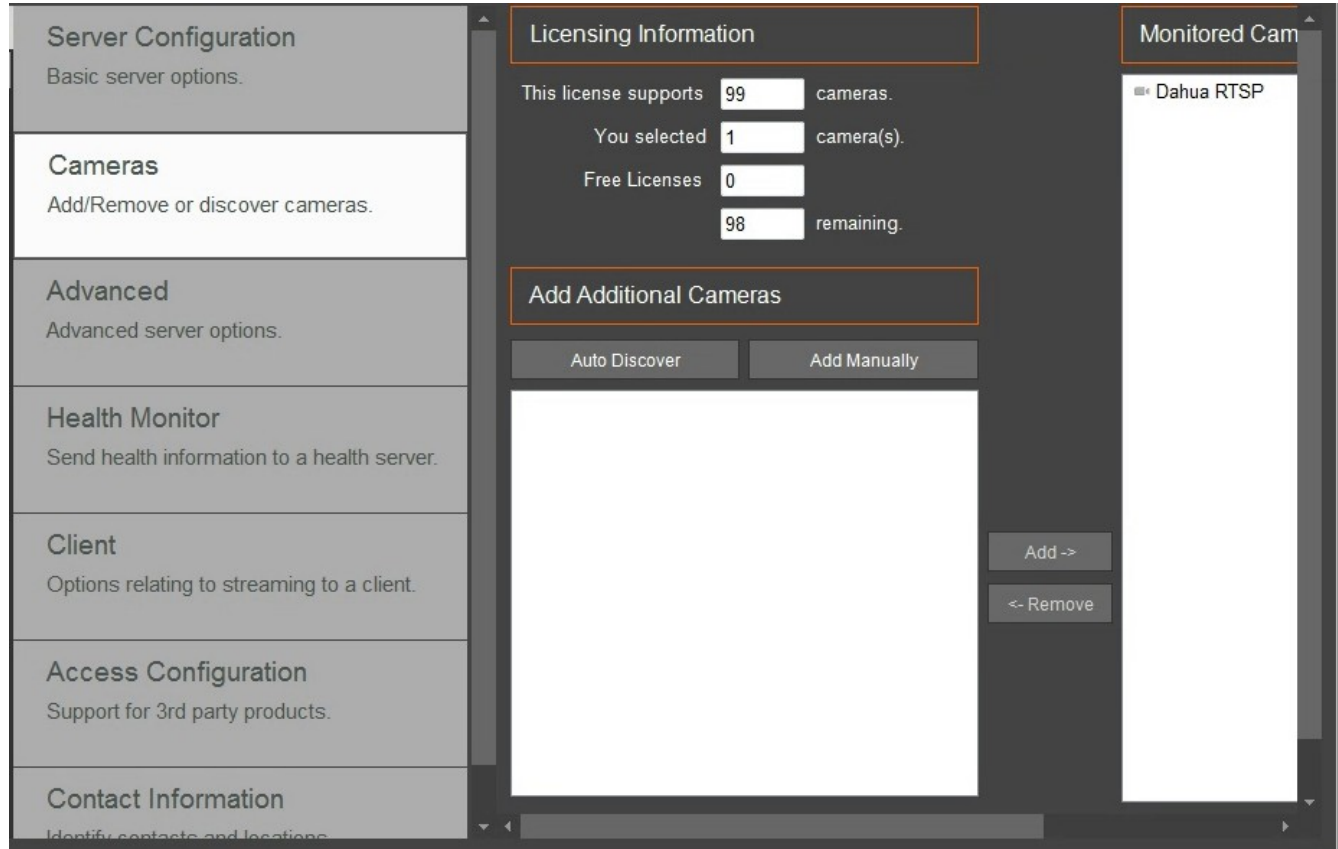
Switch to the Administration tab



Select the “Servers” option



Choose the “Cameras” section



Server Configuration
Basic server options.

Cameras
Add/Remove or discover cameras.

Advanced
Advanced server options.

Health Monitor
Send health information to a health server.

Client
Options relating to streaming to a client.

Access Configuration
Support for 3rd party products.

Contact Information
Identify contacts and locations.

Licensing Information

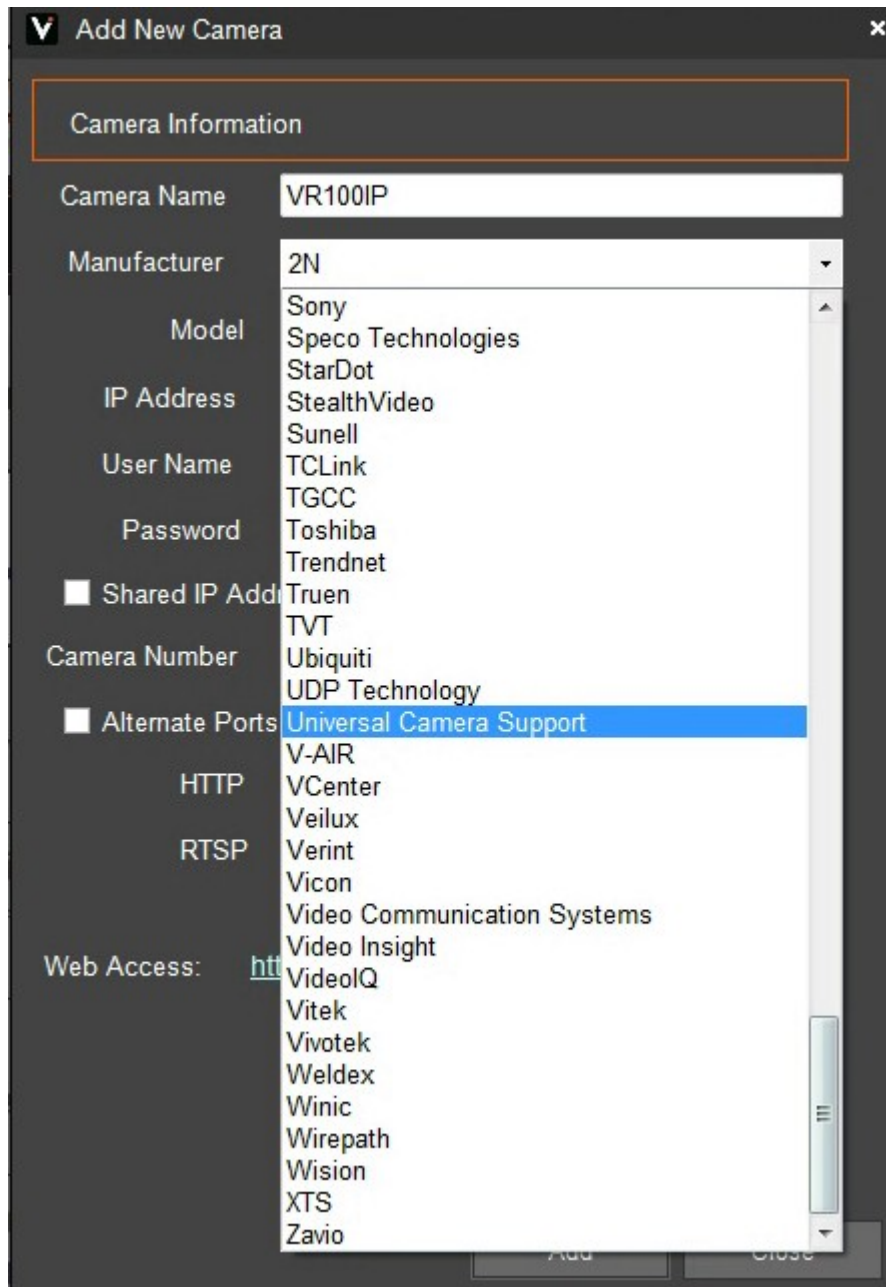
This license supports cameras.
You selected camera(s).
Free Licenses
 remaining.

Add Additional Cameras


Monitored Cam

- Dahua RTSP

Press the “Add Camera” button, enter a name for your VR100IP, and select “Universal Camera Support” from the “Manufacturer” listbox



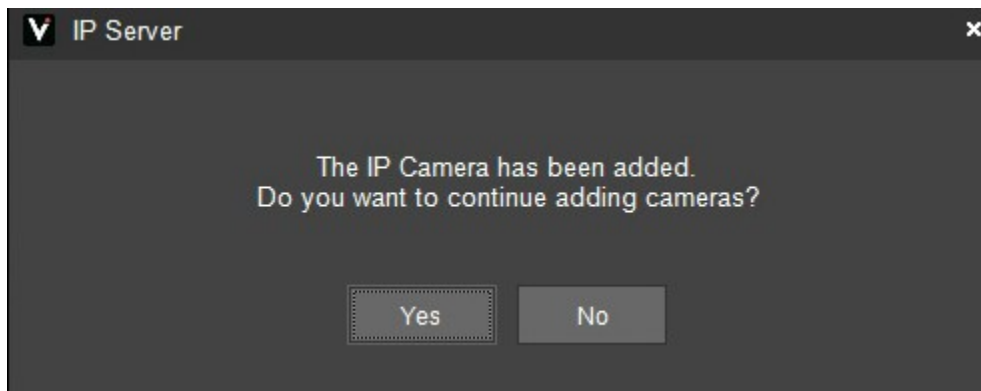
Enter a valid username and password pair. Enter the rtsp://[USERNAME]:[PASSWORD]:[VR100IP-ADDRESS]/vr100ip as the URL, replacing placeholders where needed



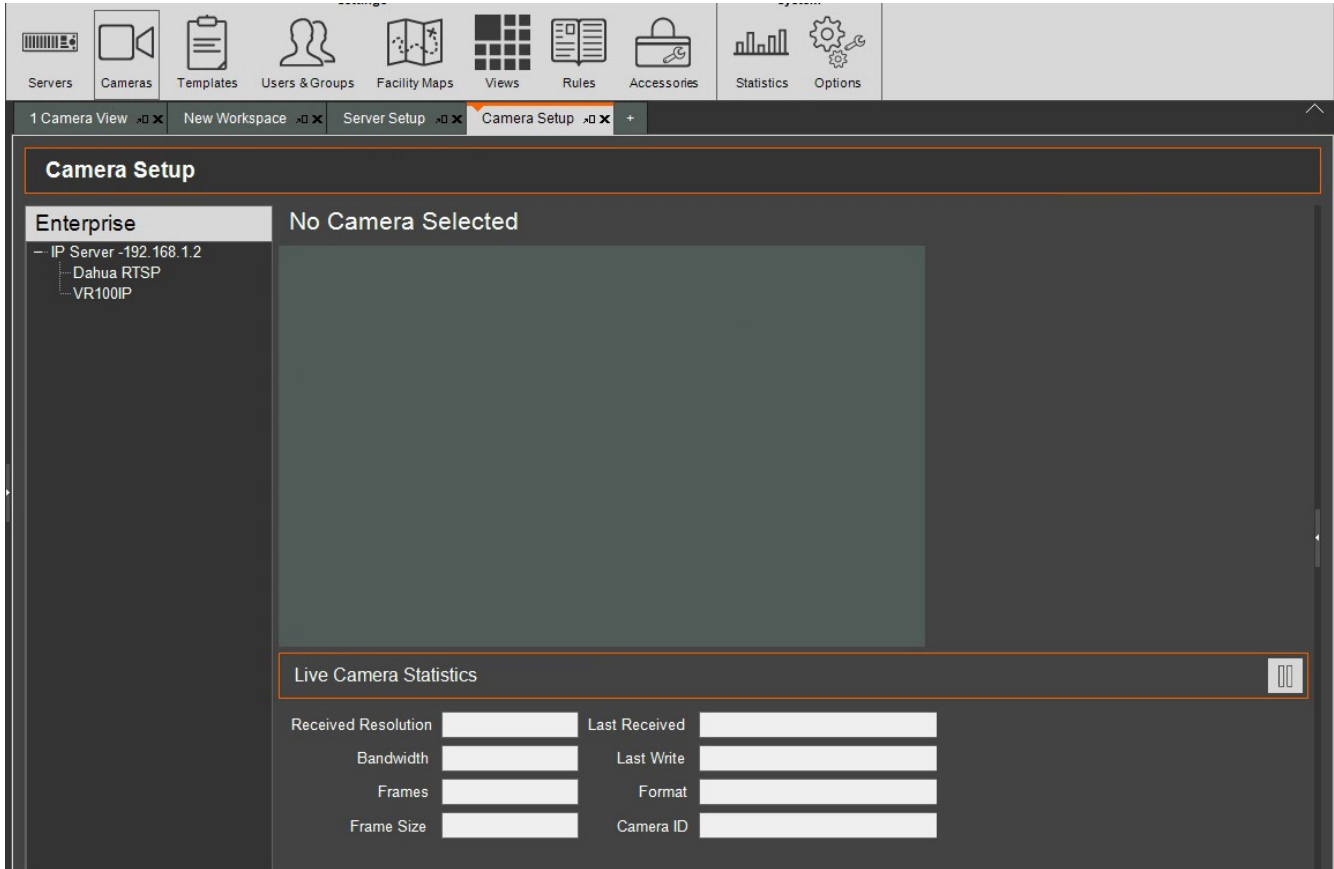
The screenshot shows a configuration window with a dark background. It contains three input fields:

- User Name:** The text "admin" is entered in the white input box.
- Password:** The text "*****" is entered in the white input box.
- URL:** The text "rtsp://admin:admin@192.168.1.26/vr100ip" is entered in the white input box.

Press add, you will be prompted for more entries, if you have additional VR100IP's to configure select "Yes" and repeat the previous steps for each, otherwise select "No"



Switch to the “Cameras” section of the “Administration” tab



Select the newly-added VR100IP, and enter the IP address if it is not already populated. Set model to “Separate RTSP Audio/Video”

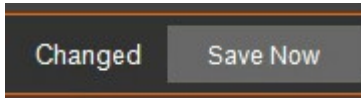
General	Advanced	Maintenance
Camera Information		
Camera Name	VR100IP	
Manufacturer	Universal Camera Support	
Model	Separate RTSP Audio/Video	
IP Address	192.168.1.26	<input type="checkbox"/> Shared IP Address
User Name	admin	Camera # 0
Password	*****	<input type="checkbox"/> Disable PTZ
Record Settings		
Resolution	Use Camera Setting	
Record	10	Per Second
Audio	<input type="checkbox"/> Live <input type="checkbox"/> Record Audio	
Capture Quality	Use Camera Setting	
Recording Type	Motion Only	
	<input type="checkbox"/> Record Always at 1 FPS and increase to specified FPS on motion	
Always FPS	1	
Max Disk Space	0 (in GB)	
Image Location	c:\video\1335839010	

Also, enter the URL in the same form as before (the user typed the port number in this URL example “:554” even though it is not required. It is an OOPS in our screen shots.)

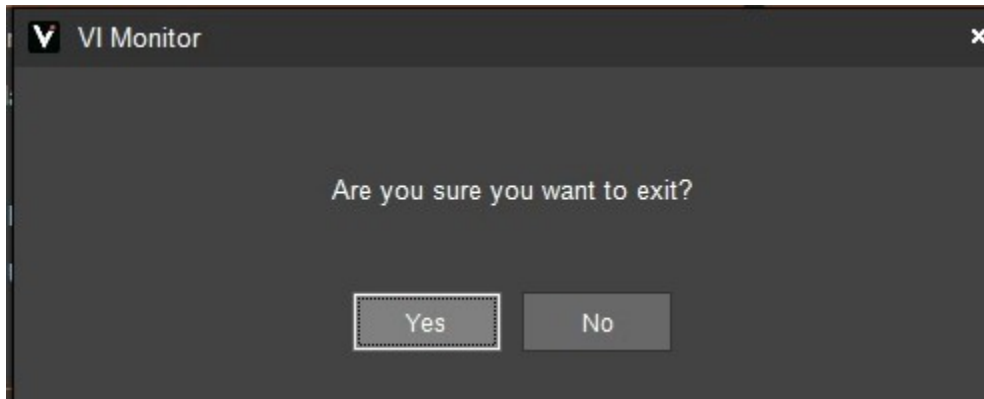
The screenshot shows a configuration interface with three tabs: General, Advanced, and Maintenance. The 'Record Settings' section is highlighted with an orange border. It contains the following fields and options:

- Resolution:** Use Camera Setting (dropdown)
- Record:** 10 (spin box) Per Second (dropdown)
- Audio:** Live Record Audio
- Capture Quality:** Use Camera Setting (dropdown)
- Recording Type:** Motion Only (dropdown)
- Record Always at 1 FPS and increase to specified FPS on motion
- Always FPS:** 1 (spin box)
- Max Disk Space:** 0 (spin box) (in GB)
- Image Location:** c:\video\~1335839010 (text box)
- Max File Size:** 800 (spin box) (in MB)
- Delete After:** 999 (spin box) Days
- URL:** rtsp://admin:admin@192.168.1.26:554/vr100ip (text box)
- For a separate audio stream:**
 - Audio URL (text box)
 - User Name (text box)
 - Password (text box)

Save the changes and exit VI monitor



Confirm you want to exit.

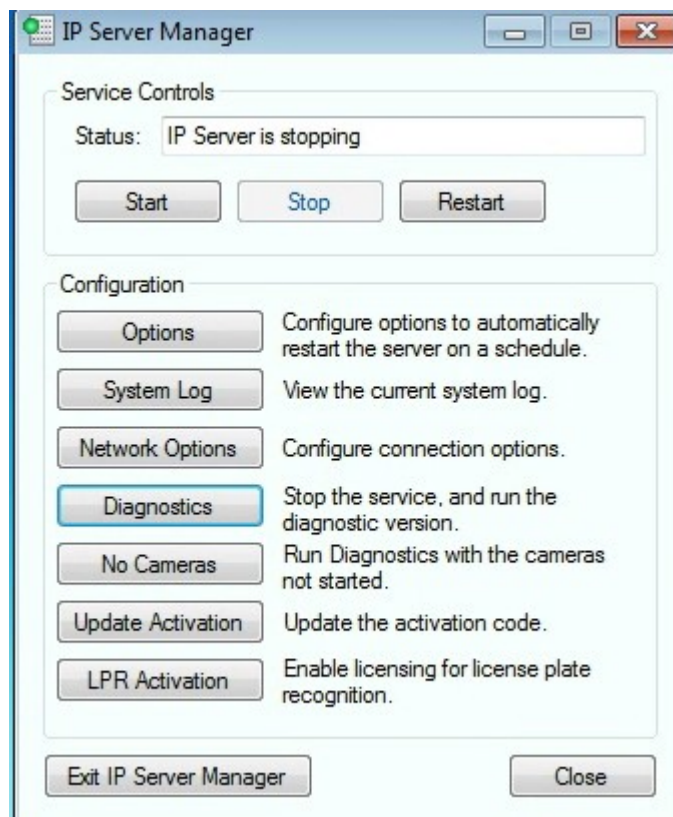


3) Restart the VMS So Setup Works.

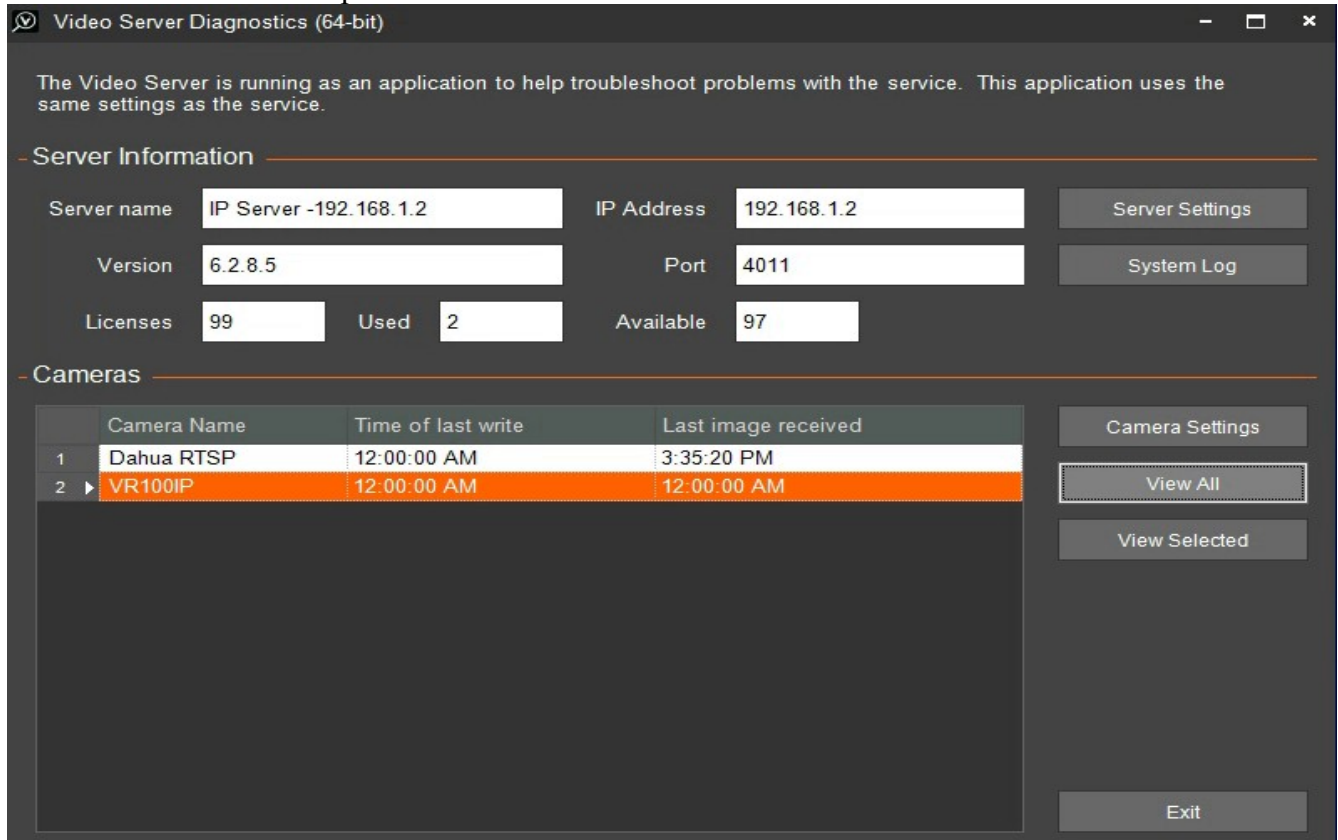
WARNING: THE FOLLOWING STEPS WILL STOP ALL RECORDING UNTIL THESE STEPS ARE COMPLETED!

To restart the service and verify that the Video Insight is receiving video we do the following.

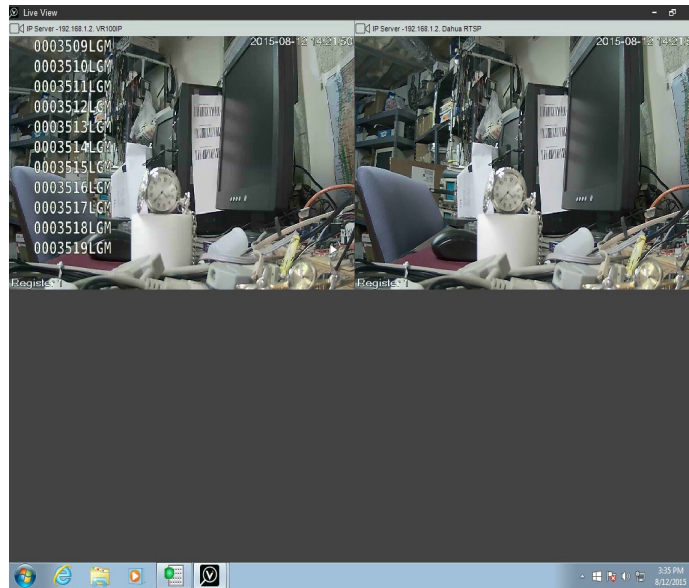
From the IP Server Manager (in the system tray), select diagnostics, do **NOT** close the IP server manager



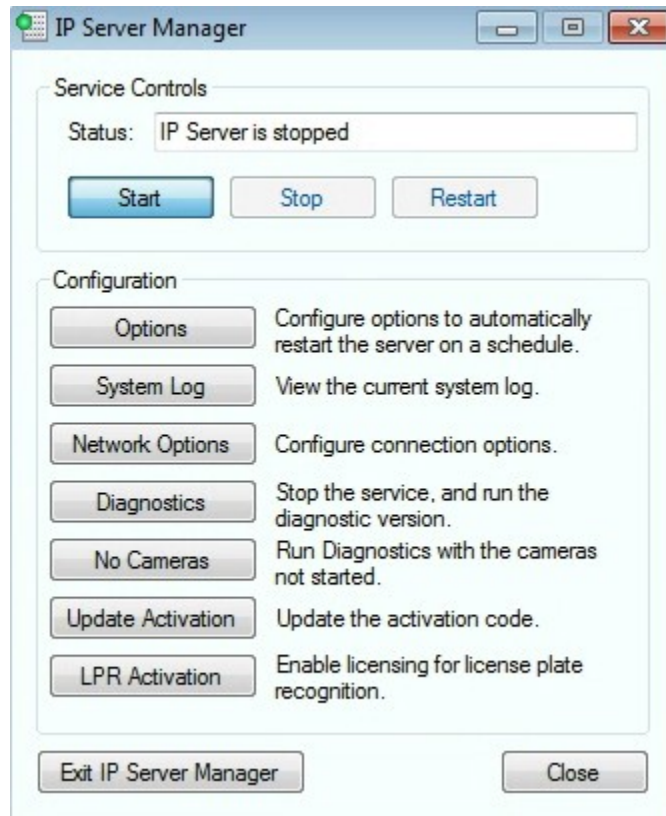
Once diagnostics is running, select “View All”, if you have a large number of sources, you may wish to use the “View Selected” option instead.



After a few (10-20) seconds you should see video from all sources,

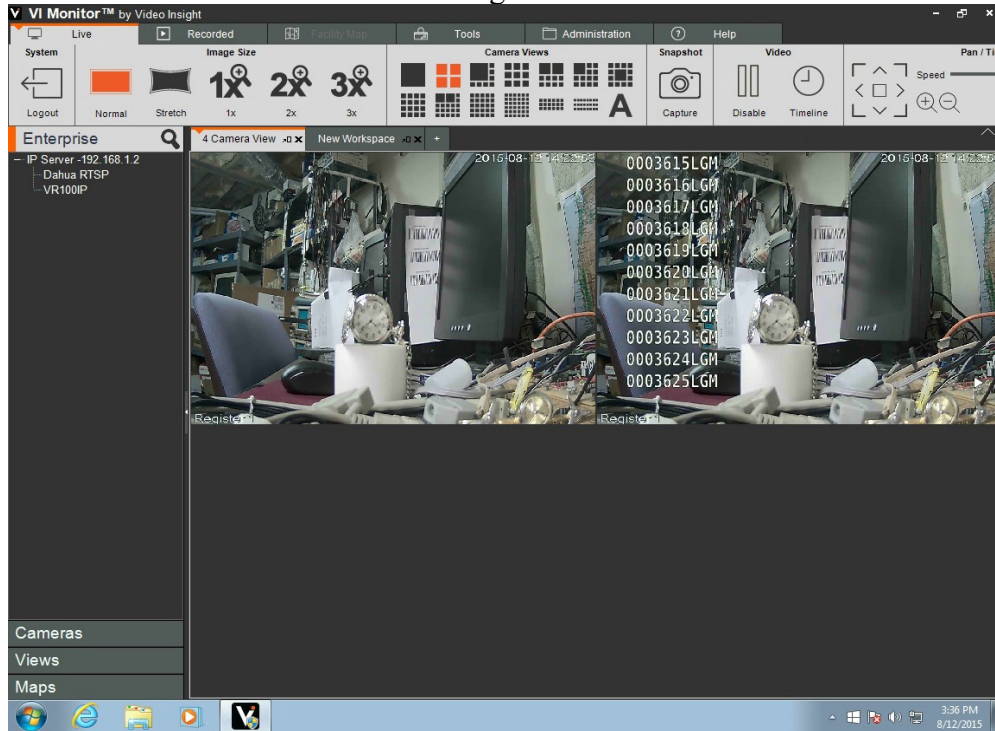


Exit the diagnostics tool, and use the server manager to restart the IP server



4) Confirm VR100IP video is connecting

Finally, use VI monitor to ensure that video is being received from the VR100IP



4 Having Trouble?

If you are having compatibility trouble with the Text Inserter, please look for updated information on our website at www.vrxinc.com

Contact the VRX Company Inc at support@vrxinc.com or by calling 1-866-543-8398.
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