

Virtual Camera

User Manual - English

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Chapter 1 System Requirements

1.1 System Requirements

1.1.1 When the streaming format is H.264, the system requires:

- OS : Windows 7 / Windows 10 (after ver.1709)
- CPU: Intel i5 or above
- Memory: 4 GB RAM or above
- Free Disk Space: 2GB

1.1.2 When the streaming format is HEVC, the system requires:

- OS : Windows 7 / Windows 10 (after ver.1709)
- CPU: Intel i5 / i7 8th generation or above
- Memory: 8GB RAM
- Free Disk Space: 2GB
- GPU: Recommend GPU NVIDIA GTX 1050Ti or above

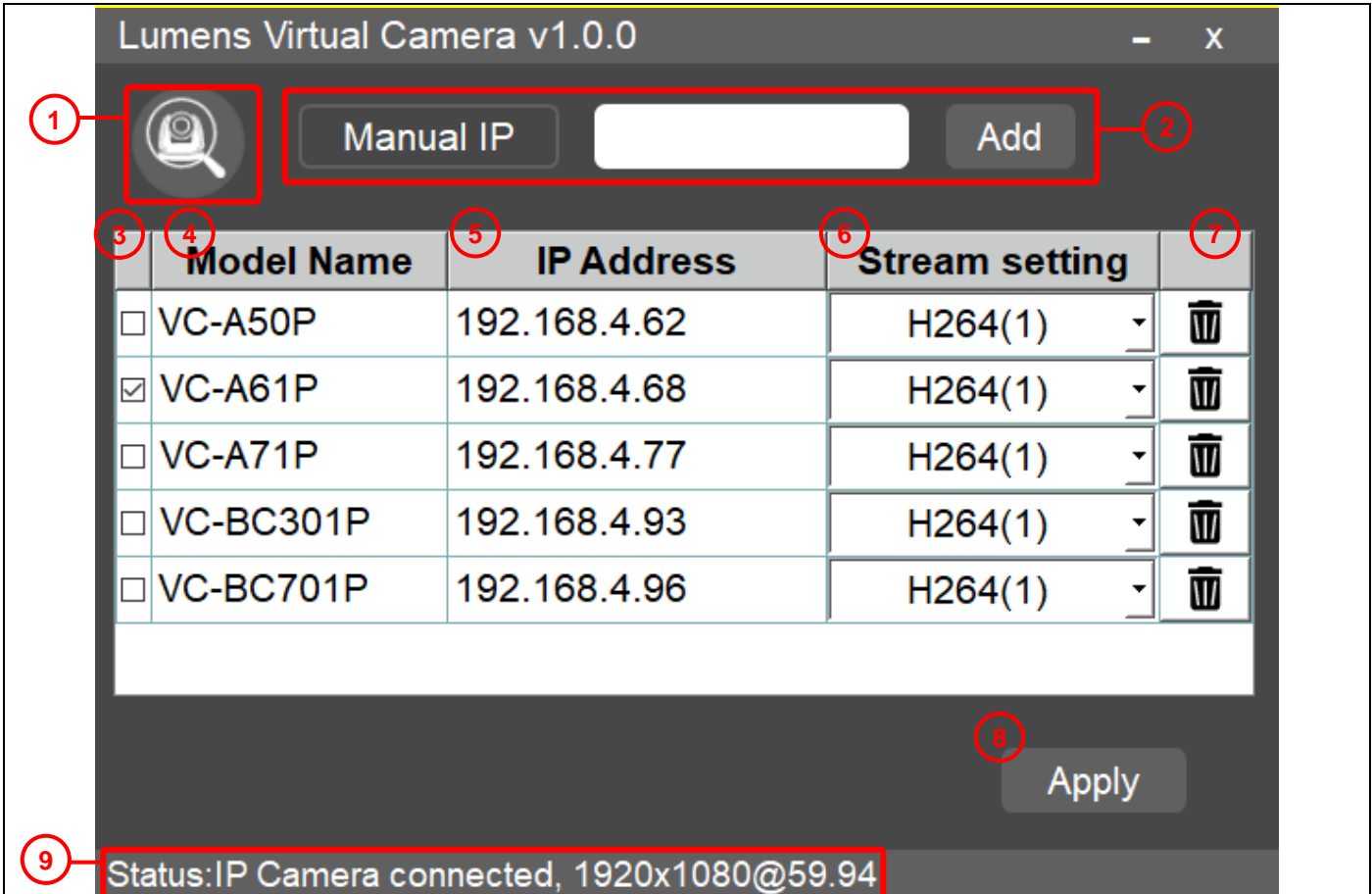
1.2 Supported Communication Software

- Skype - 8.25.0.5 or above
- Microsoft Teams - 4.6.23.0 or above
- Zoom - 5.4.1
- Zoom Rooms - 5.2.2
- OBS - 25.0.8 or above
- Google Meet

1.3 Supported Lumens Models

- VC-A50P
- VC-A61P
- VC-A71P
- VC-BC301P
- VC-BC601P
- VC-BC701P
- VC-TR1

Chapter 2 Operation Interface Description



No	Item	Function Descriptions
1	Scan	Search for IP camera on the same network segment.
2	Manual IP	Manually enter the IP address of the camera to add it to the camera list.
3	Check box	Select the camera you want to use.
4	Model Name	Display the machine model.
5	IP Address	Display the IP address.
6	Stream setting	Select the streaming format. The default is H264 (1). HEVC, H264 (1), and H264 (2) streaming formats can be selected depending on the models.
7	Delete	Click to delete the camera.
8	Apply	Click Apply to apply the checked items.
9	Status	Display the connection status of the camera. "IP Camera Connector failed" is displayed when the connection fails. "IP Camera connected" is displayed when the connection succeeds and the resolution information is also displayed.

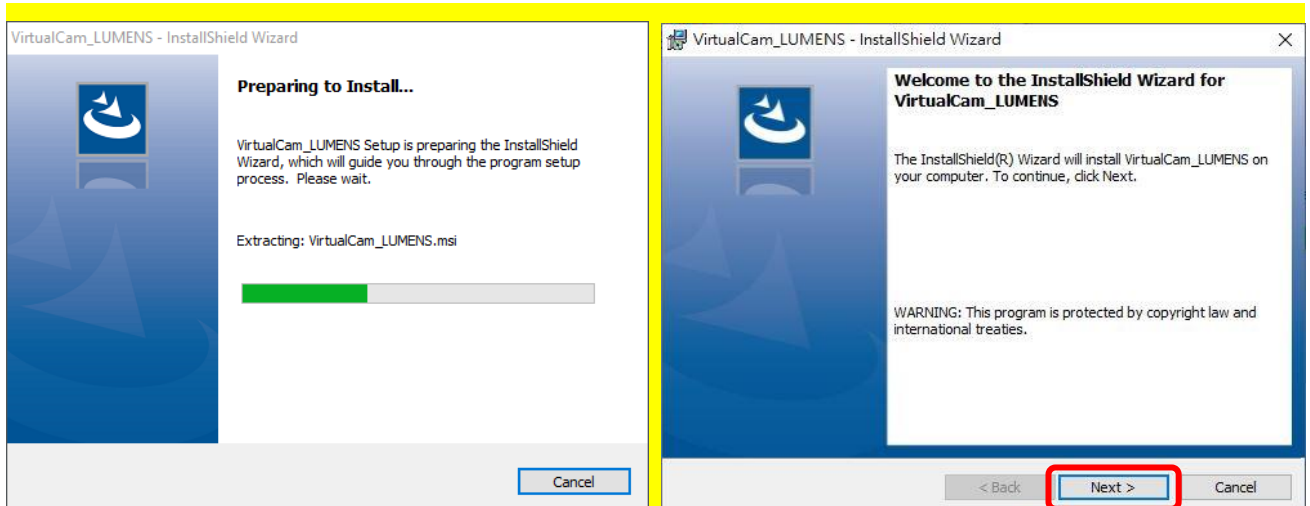
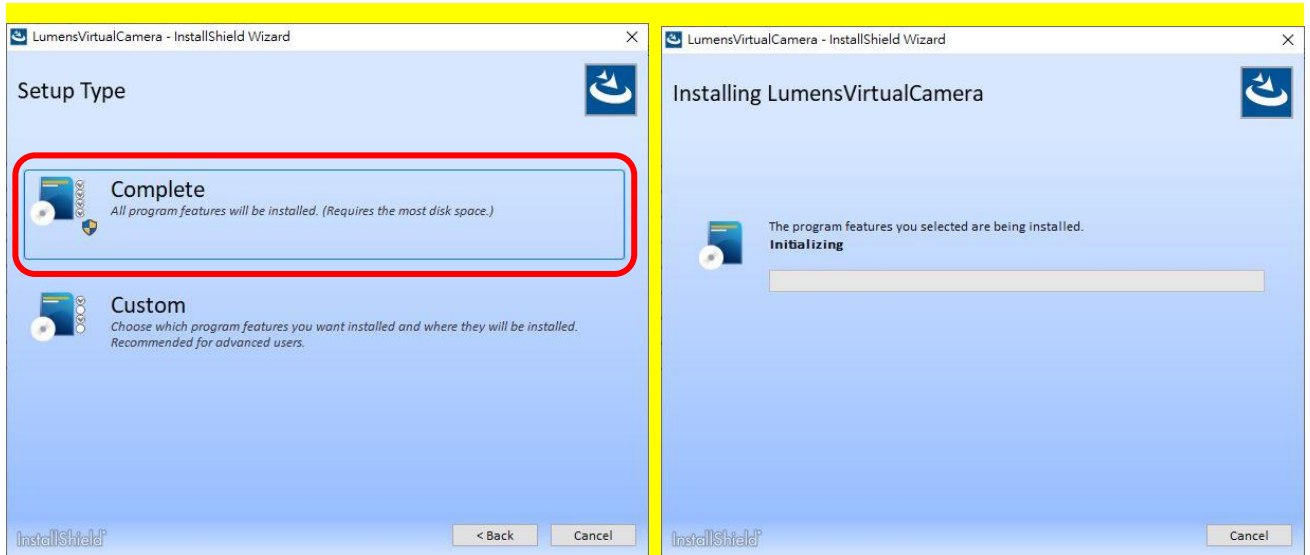
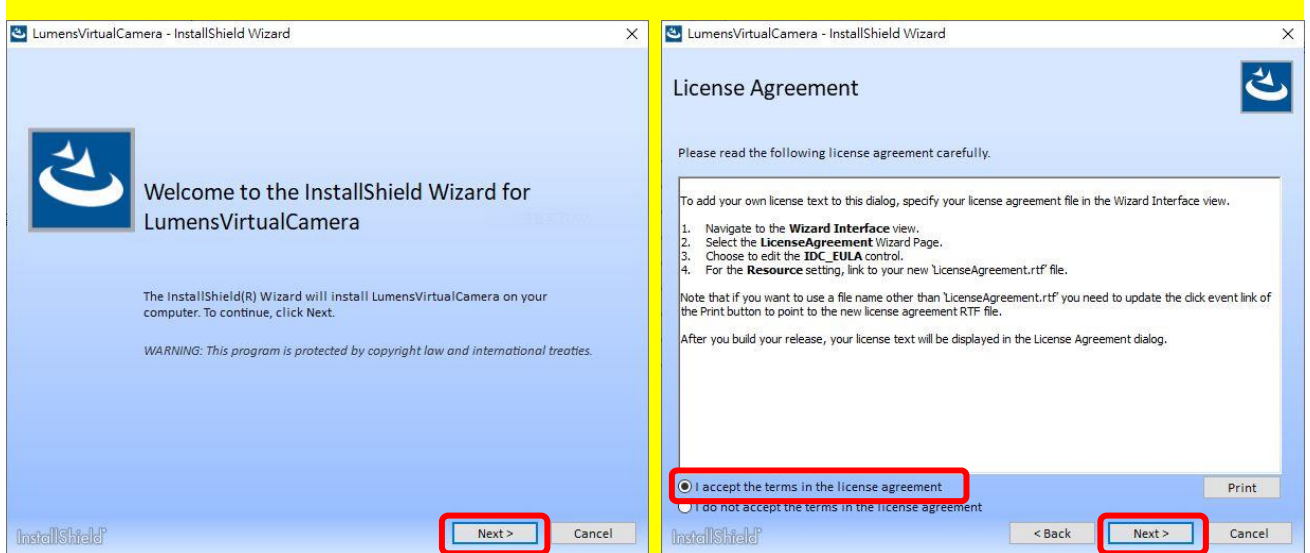
Chapter 3 Install Virtual Camera

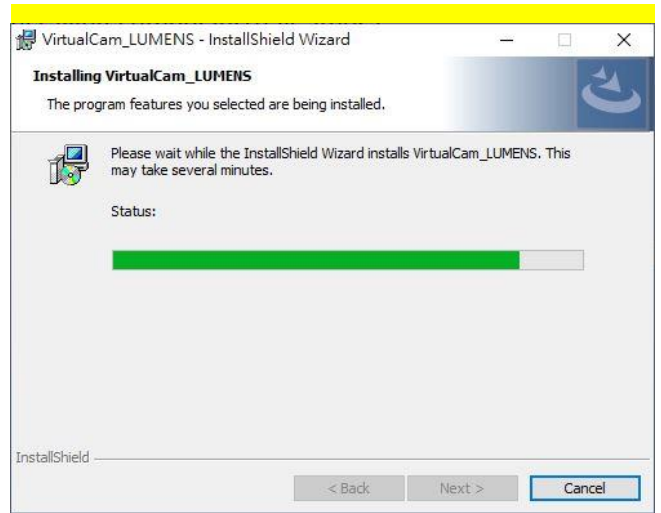
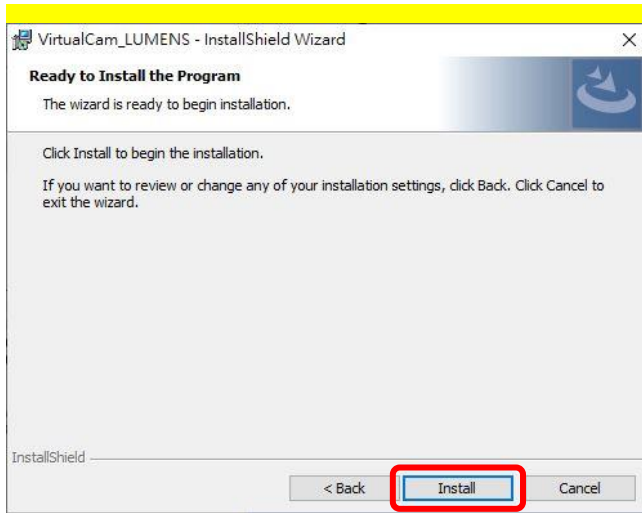
3.1 Install with Windows 10

3.1.1 Please download Virtual Camera software from the Lumens website.

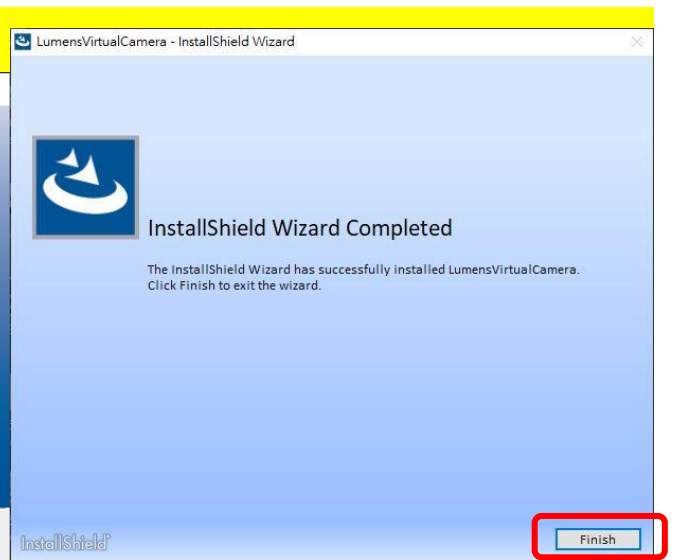
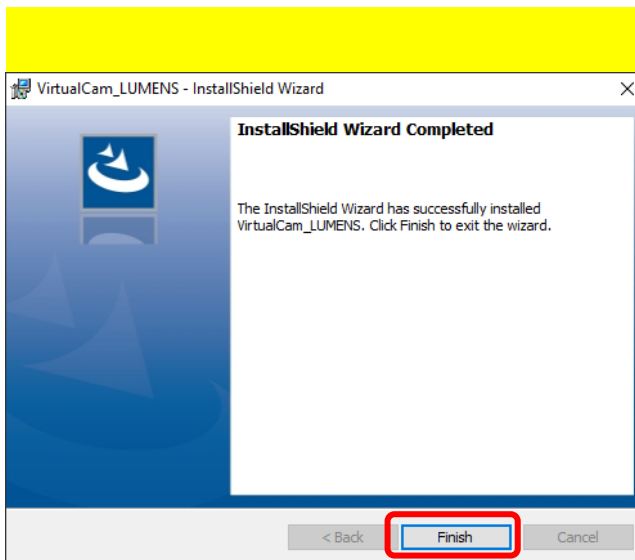
3.1.2 Extract the file downloaded and then click [VirtualCam_LUMENS] to install.

3.1.3 The installation wizard will guide you through the process. Please follow the on-screen instructions for the next step.





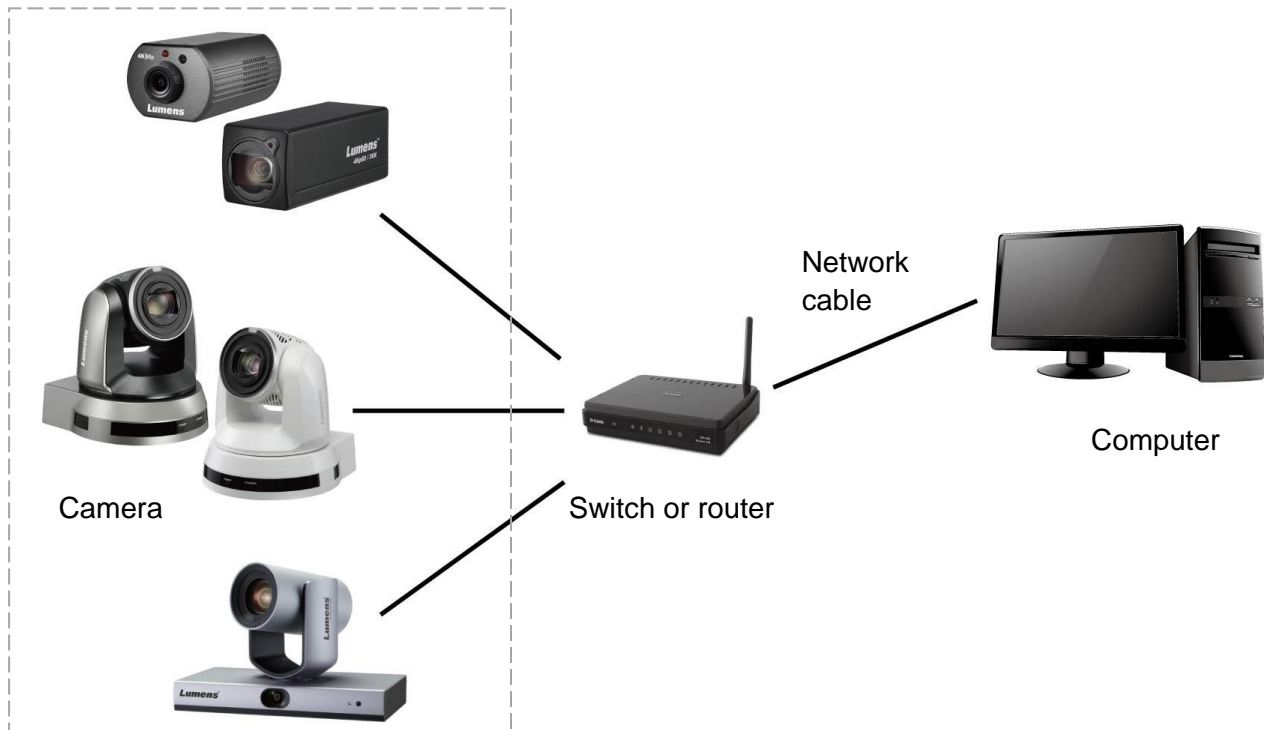
3.1.4 When the installation is completed, press [Finish] to end the installation.



Chapter 4 Start Using

4.1 Confirm Network Setting

4.1.1 Confirm that the computer and the camera are connected in the same network segment.

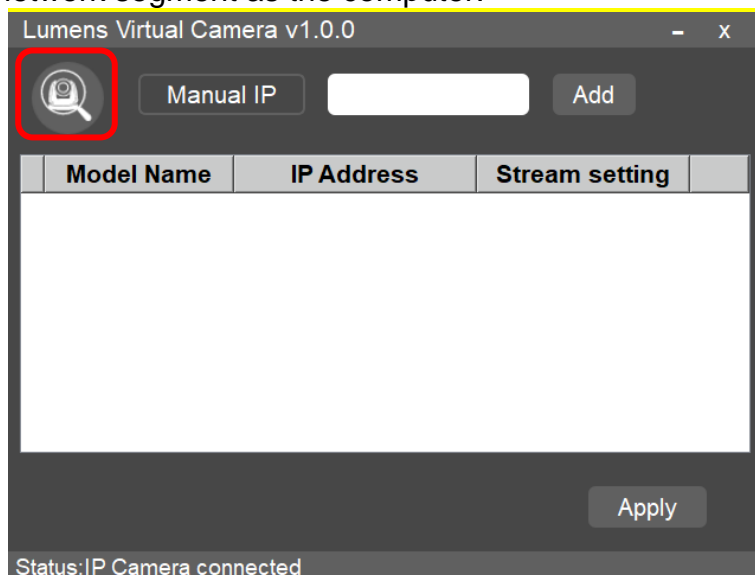


4.2 Enter Lumens Virtual Camera to set up the camera

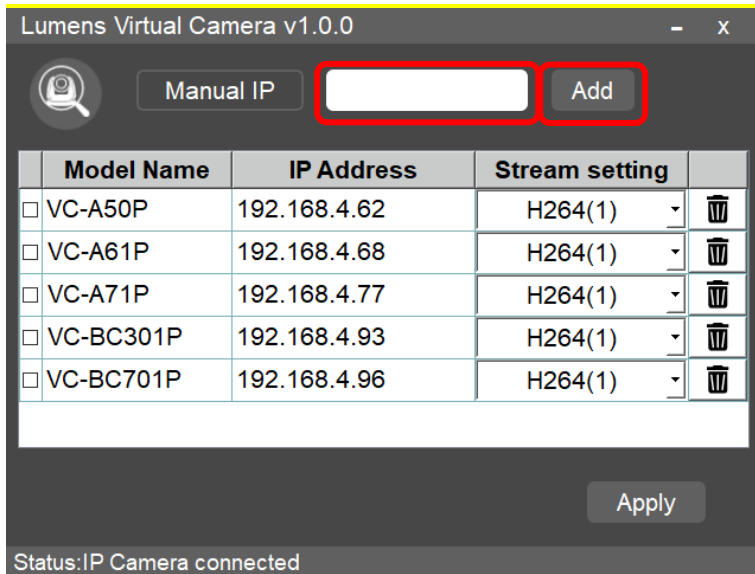
4.2.1 Click [LumensVirtualCamera] icon to open the software.



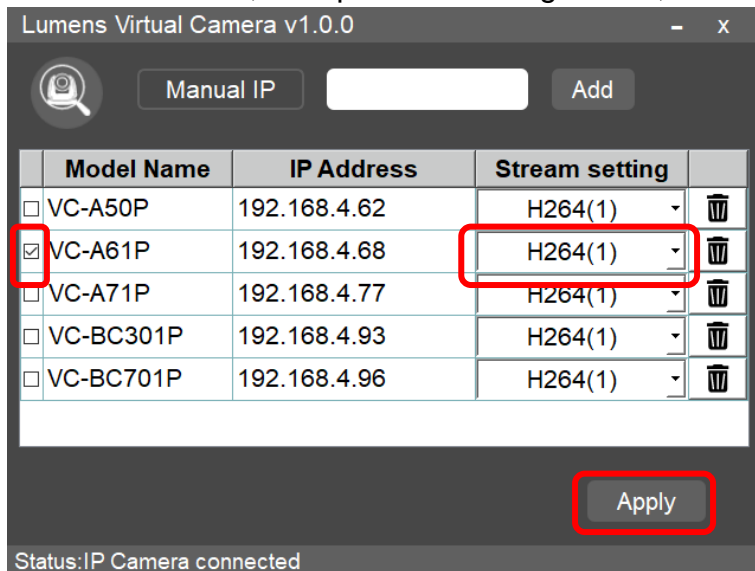
4.2.2 Click the magnifying glass in the upper left corner to search for camera in the same network segment as the computer.



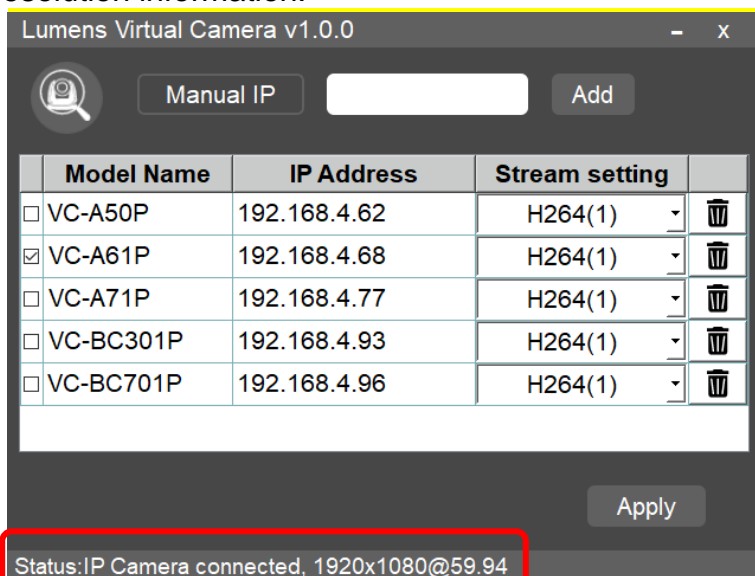
4.2.3 You can manually enter the IP address of the camera and click [Add] to add the camera to the list below.



4.2.4 Select the camera, set up the streaming format, and click [Apply].

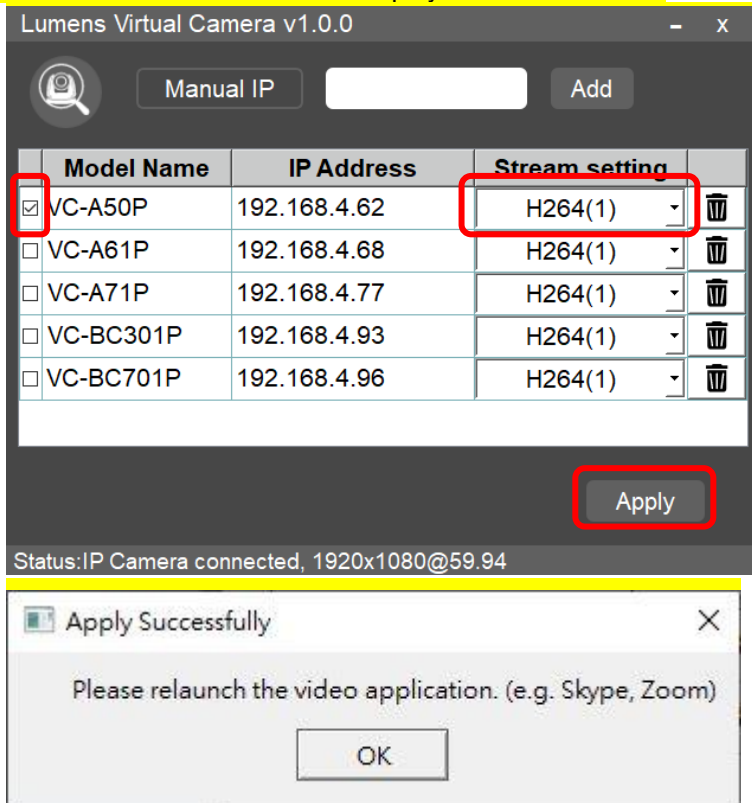


4.2.5 After the connection succeeds, "IP Camera connected" will be displayed as well as the resolution information.



4.2.6 If you need to change the camera source, please re-check the camera, set the streaming format, and click [Apply].

After the prompt window appears, please restart the communication software (e.g. Skype, Zoom...) and the new camera screen will be displayed after the restart.



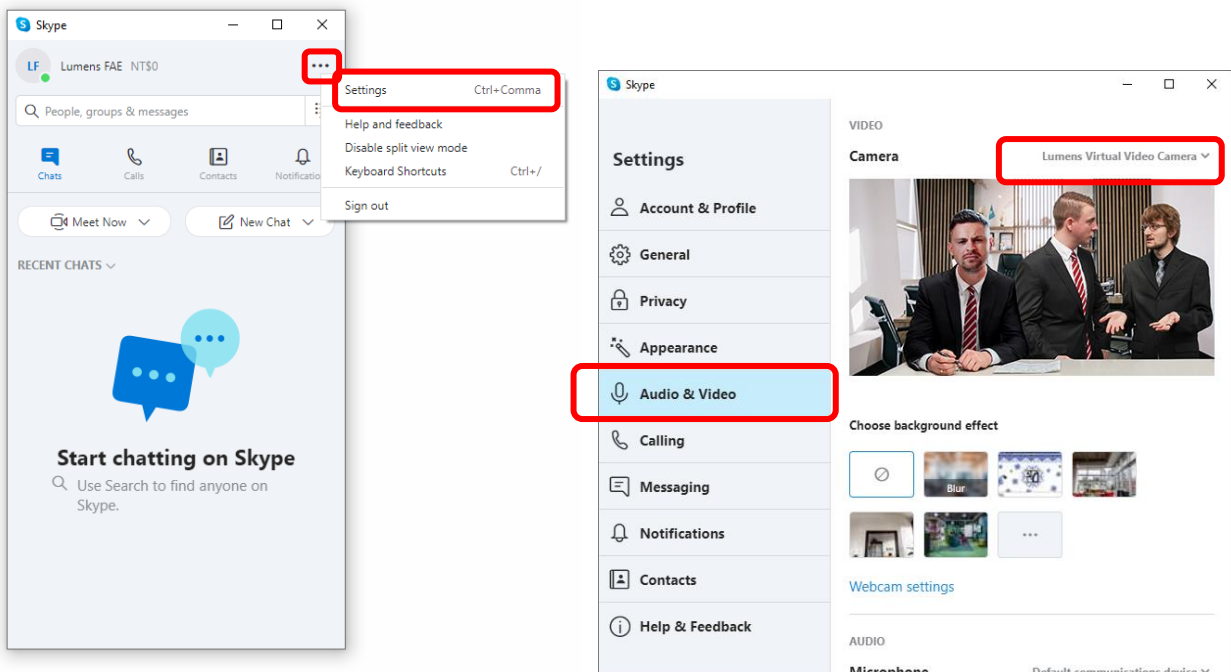
4.3 Enter the communication software to set up the camera

4.3.1 Skype

4.3.1.1 Open Skype software.

4.3.1.2 Click the "..." icon, and click "Settings".

4.3.1.3 Click "Audio and Video", and select [Lumens Virtual Video Camera] for the video camera.

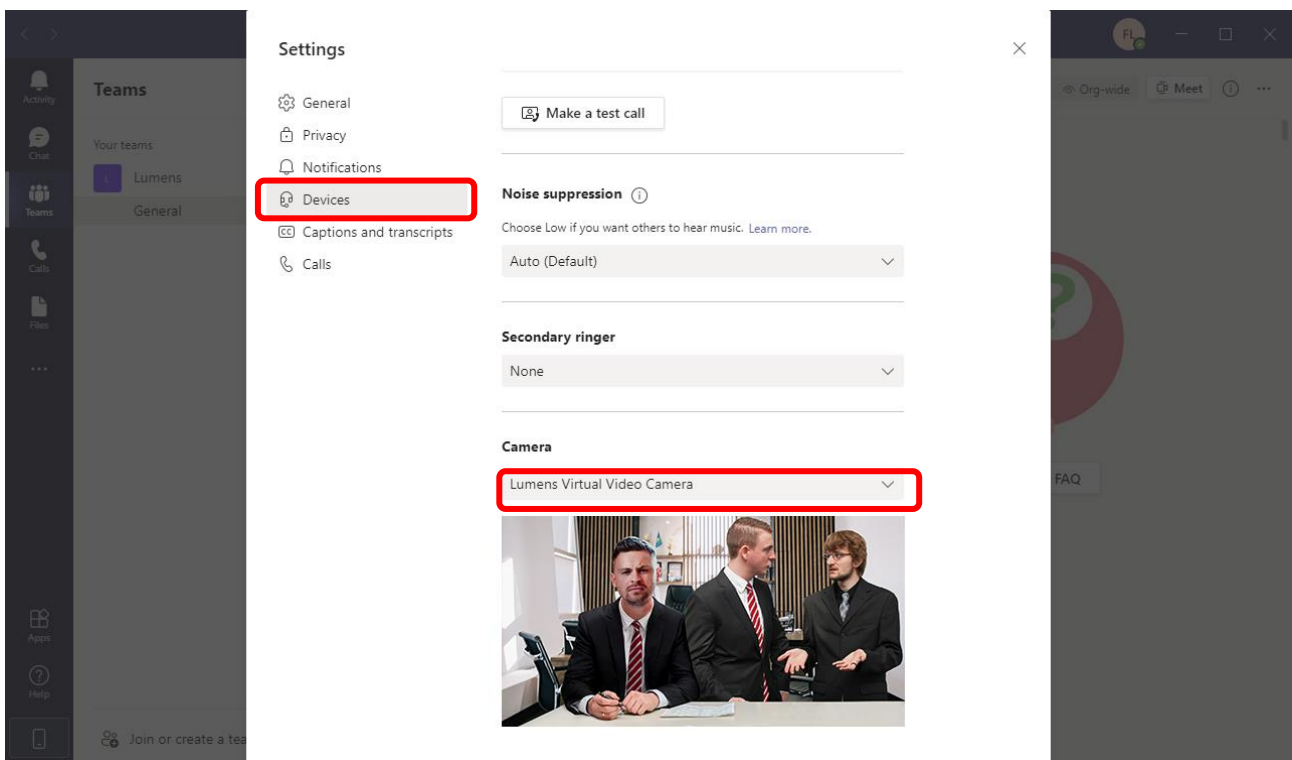
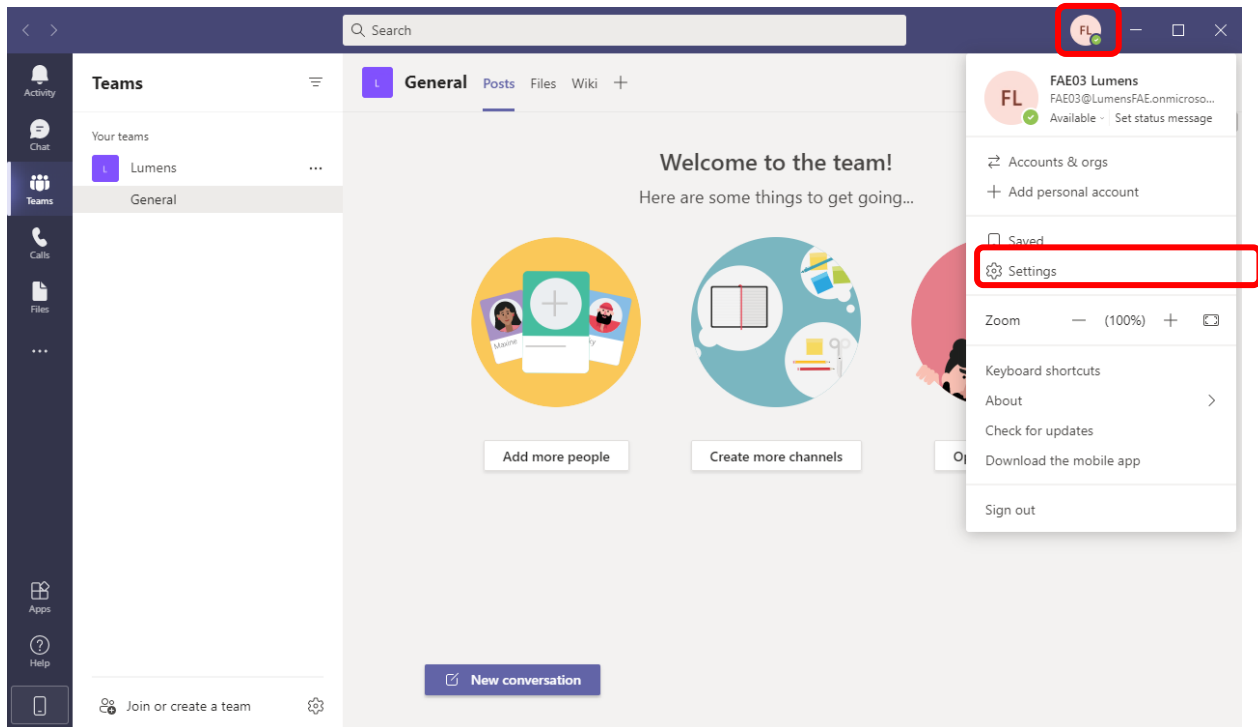


4.3.2 Microsoft Teams

4.3.2.1 Open Microsoft Teams software.

4.3.2.2 Click the icon, and click “Settings”.

4.3.2.3 Click “Device”, and select [Lumens Virtual Video Camera] for the camera.

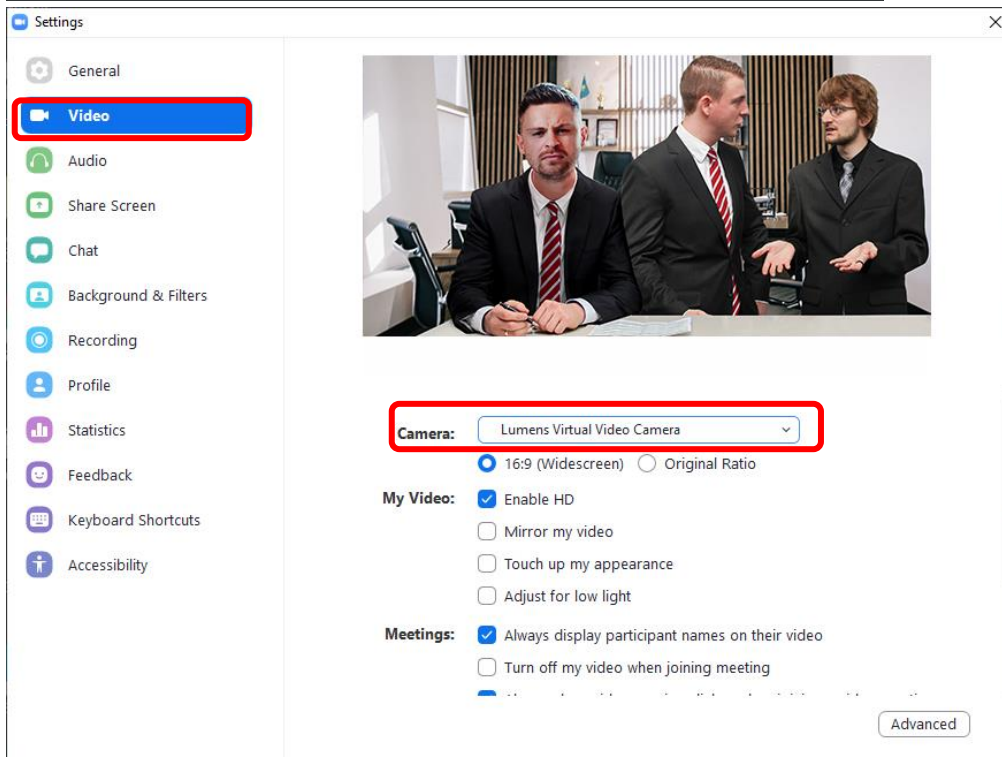
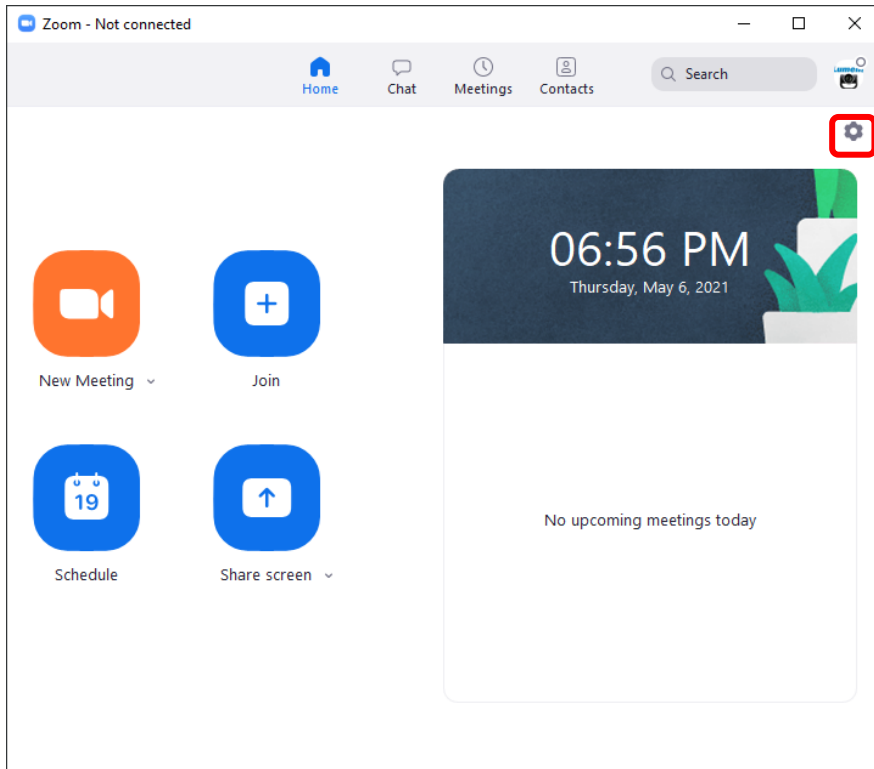


4.3.3 Zoom

4.3.3.1 Open Zoom software.

4.3.3.2 Click the icon to open the setting options.

4.3.3.3 Click “Video”, and select [Lumens Virtual Video Camera] for the video source.



Chapter 5 Troubleshooting

This chapter describes problems you may encounter while using Virtual Camera. If you have questions, please refer to related chapters and follow all the suggested solutions. If the problem still occurred, please contact your distributor or the service center.

No.	Problems	Solutions
1.	When switching Virtual Camera sources, the video software does not switch to the new source screen, but still displays the screen of the previous source	If you switch the source of Virtual Camera, turn off the video software that is using the original source, and turn it back on after the restart to use the new source screen.

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