## Virtual Camera 2.0

# **User Manual - English**



Version 20221128



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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) / Windows 11
  - 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) / Windows 11
  - 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 or above
- Zoom Rooms 5.2.2 or above
- OBS 25.0.8 or above
- Google Meet



### Chapter 2 Operation Interface Description

6	Virtual Camera 2.0 – O × 1 2 Manual IP ADD LC Device Check							
Γ	(5)N	lodel Nam	e 6IP Address	7 Stream Set	tting	8 Output Se	tting	
(4)		VC-R30	192.168.4.43	H264(1)	~	YUY2	~	
		VC-A61P	192.168.4.69	H264(1)	~	YUY2	~	一
		VC-A61P	192.168.4.23	H264(1)	Ŷ	YUY2	~	一
		LC100	192.168.4.60	H264(1)	Ŷ	YUY2	~	一一
		LC100	192.168.4.36	H264(1)	~	YUY2	Ŷ	面
	C C Apply Status: Running							
9	Status: Ru	unning	n N				12	Apply
No		unning	N N	Function	Descri	ptions	12	Apply
		_	Search for IP camera or			-	12	Apply
No	1	tem	Search for IP camera of Manually enter the IP a	n the same networ	k segme	ent.		Apply
<b>No</b> 1	Scan Manual	tem		n the same networ	k segme era to ac	ent. Id it to the cam	era list.	
No 1 2	Scan Manual	IP ice Check	Manually enter the IP a	n the same networ ddress of the came to manually enter th	k segme era to ac	ent. Id it to the cam	era list.	
No 1 2 3	Scan Manual LC Dev	IP ice Check	Manually enter the IP as Please check this item t	n the same networ ddress of the came to manually enter the want to use.	k segme era to ac	ent. Id it to the cam	era list.	
No 1 2 3 4	Scan Manual LC Dev Check b	IP ice Check box Name	Manually enter the IP at Please check this item t Select the camera you t Display the machine mo Display the IP address.	n the same networ ddress of the came to manually enter the want to use. odel.	k segme era to ac he IP ac	ent. Id it to the cam Idress of the Lo	era list.	
No 1 2 3 4 5	Scan Manual LC Dev Check b Model N	tem IP ice Check box Name ess	Manually enter the IP and Please check this item to Select the camera you we Display the machine mo	n the same networ ddress of the came to manually enter the want to use. odel.	k segme era to ac he IP ac	d it to the cam dress of the L0	era list. C device	2
No 1 2 3 4 5 6	Scan Manual LC Dev Check k Model N IP Addr	tem IP ice Check box Name ess setting	Manually enter the IP and Please check this item to Select the camera you w Display the machine mod Display the IP address. Select the streaming for HEVC, H264 (1), and H	n the same networ ddress of the came to manually enter th want to use. odel. mat. The default is 264 (2) streaming	k segme era to ac he IP ac	d it to the cam dress of the L0	era list. C device	2

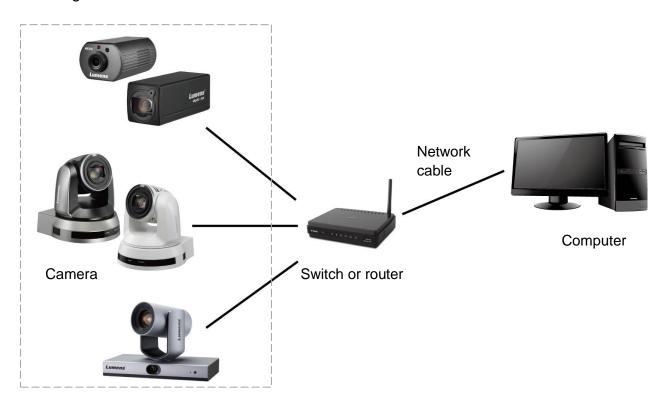


		🕓 Virtual Camera 2.0 X
10	Authentication	Account Apply Password Cancel Password Authentication If RTSP Streaming Password Authentication is enabled on the webpage for the IP camera to be connected, please click this item and enter the user account and password Account: admin (Default) Password: 9999 (Default) 
11	Audio Delay Time	Set delay time. You can enter 10 ~ 500 ms Virtual Camera 2.0 Delay Time (ms) Cancel
12	Apply	Click Apply to apply the checked items.

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#### 3.1 Confirm Network Setting

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



- 3.2 Enter Lumens Virtual Camera 2.0 to set up the camera
  - **3.2.1** Click [Lumens Virtual Camera2.0] icon to open the software.





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

	Model Name	IP Address	Stream Setting	Output Setting	
]	VC-A61P	192.168.4.69	H264(1) v	YUY2 v	面
]	VC-A61P	192.168.4.23	H264(1) v	YUY2 v	面
]	VC-R30	192.168.4.43	H264(1) v	YUY2 v	面
]	LC100	192.168.4.60	H264(1) v	YUY2 v	圃
]	LC100	192.168.4.36	H264(1) v	YUY2 v	圃
d	۴ c[»				Apply

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

<Remark> For the LC device, please check [LC Device Check], and then click [Add]

Model Name	IP Address	Stream Setting	Output Setting	
VC-A61P	192.168.4.69	H264(1) v	YUY2 v	面
VC-A61P	192.168.4.23	H264(1) v	YUY2 v	匬
VC-R30	192.168.4.43	H264(1) v	YUY2 v	面
LC100	192.168.4.60	H264(1) v	YUY2 v	面
LC100	192.168.4.36	H264(1) v	YUY2 v	面



**3.2.4** Select the camera, set up the streaming format, and click [Apply]. **Remark>** To enable password authentication for the video camera, please click [Authentication] below to enter the account and password

_	Model Name	IP Address	Stream Sett	ing	Output S	etting	
2	VC-A61P	192.168.4.69	H264(1)	<	YUY2	×	
ו	VC-A61P	192.168.4.23	H264(1)	Ŷ	YUY2	¢	圃
ו	VC-R30	192.168.4.43	H264(1)	Ŷ	YUY2	¢	圁
ו	LC100	192.168.4.60	H264(1)	×	YUY2	~	圃
	LC100	192.168.4.36	H264(1)	¥	YUY2	¢	圃

**3.2.5** After the connection succeeds, please restart the communication software (e.g. Skype, Zoom...).

6	Virtual Camera 2.0 − □ ×					$\times$
e	Manual IP ADD					
	Model Name	IP Address	Stream Setting	Output Se	etting	
✓	VC-A61P	192.168.4.69	H264(1) v	YUY2	~	圃
	Apply Succes	100 160 1 20	H264(1)	YUY2		
	Apply succes	siully				^ I
	Please relaunch the Video application (e.g. Skype, Zoom)				J J	
				Ok	(	Ţ
C	s ()»				4	Apply
State	us: Running					

**3.2.6** If you need to change the camera source, please re-check the camera and repeat 3.2.4  $\sim$  3.2.5.

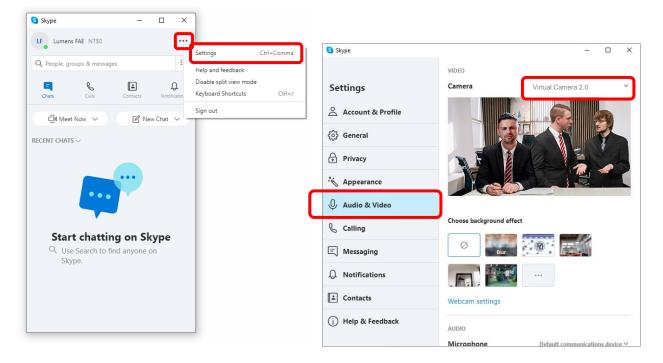


#### 3.3 Enter the communication software to set up the camera

#### 3.3.1 Skype

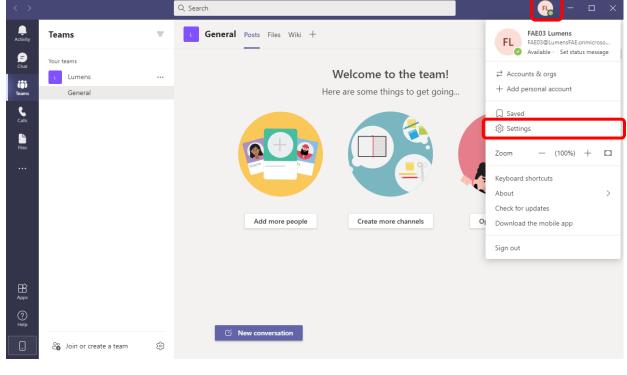
- 3.3.1.1 Open Skype software.
- 3.3.1.2 Click the "..." icon, and click "Settings".

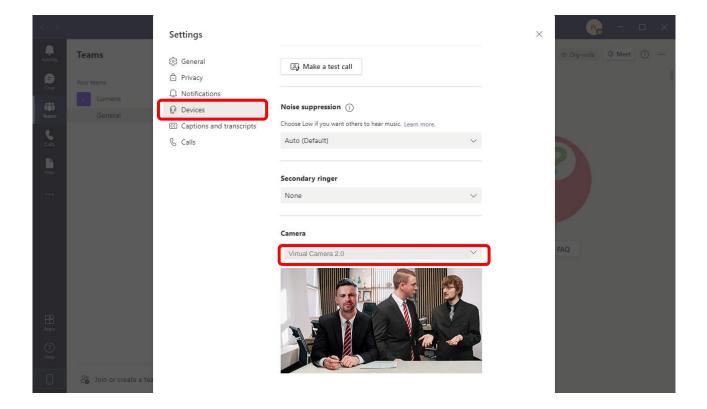
3.3.1.3 Click "Audio and Video", and select [Virtual Camera2.0] for the video camera.



#### 3.3.2 Microsoft Teams

- 3.3.2.1 Open Microsoft Teams software.
- 3.3.2.2 Click the icon, and click "Settings".
- 3.3.2.3 Click "Device", and select [Virtual Camera2.0] for the camera.





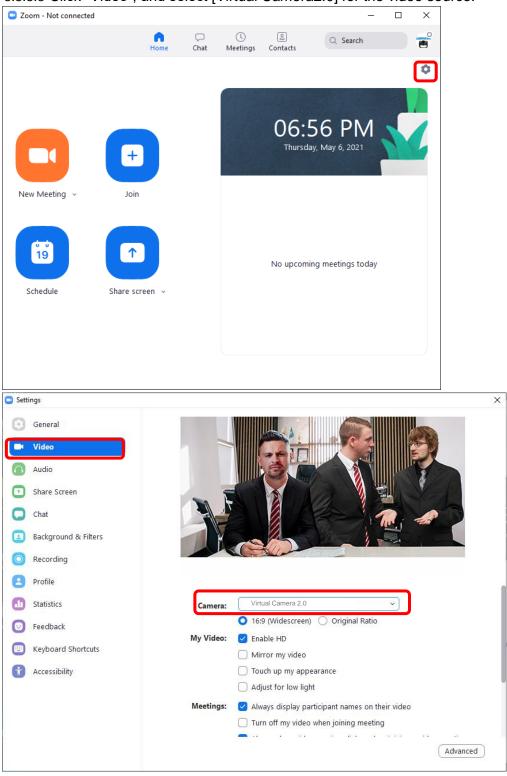


#### 3.3.3 Zoom

3.3.3.1 Open Zoom software.

3.3.3.2 Click the icon to open the setting options.

3.3.3.3 Click "Video", and select [Virtual Camera2.0] for the video source.



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### Chapter 4 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	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.
	source	
2	Virtual Camera cannot find VC-A50P	<ol> <li>Make sure VC-A50P is connected to the same local network segment.</li> <li>Confirm that CAMERA ADDRESS SELECTOR on the bottom of VC-A50P is switched to 0.</li> </ol>
3	When the signal source is VC-TR1, the video software cannot see the screen	The password authentication function of the VC-TR1 model is defaulted to "Enable". When connecting, please check the Require Password Authentication option and enter the correct user account and password.



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