

# **Yuan's Virtual Camera Function Guide**

## **◆ Overview**

For the Virtual Camera developer, In this document, we explain and guide developer how to build Virtual Camera application that implement Virtual Camera function in developer computer.

## **◆ Test software**

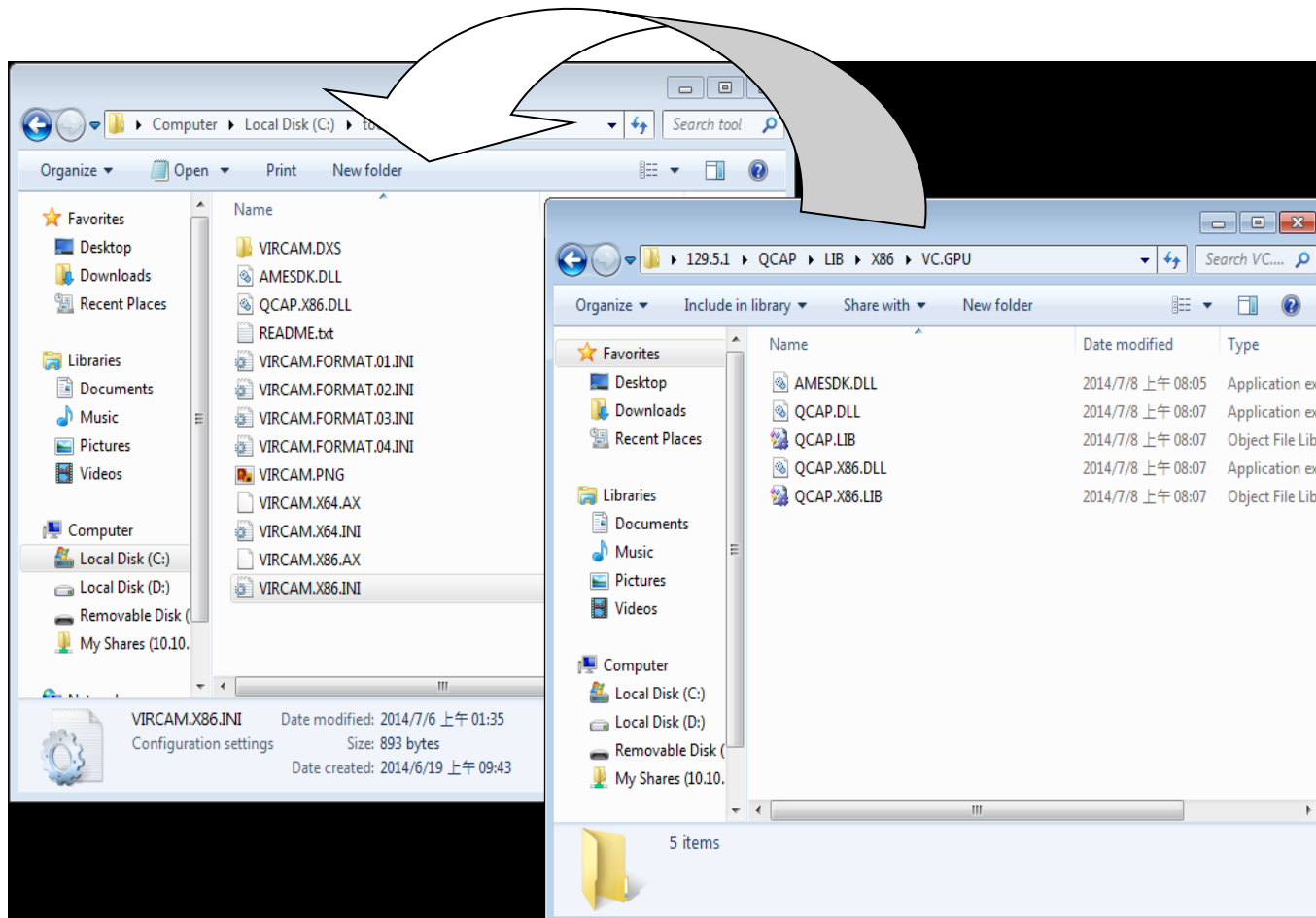
**GRAPHEDT**

**VIRCAM.X86.AX**

**VIRCAM.X86.INI**

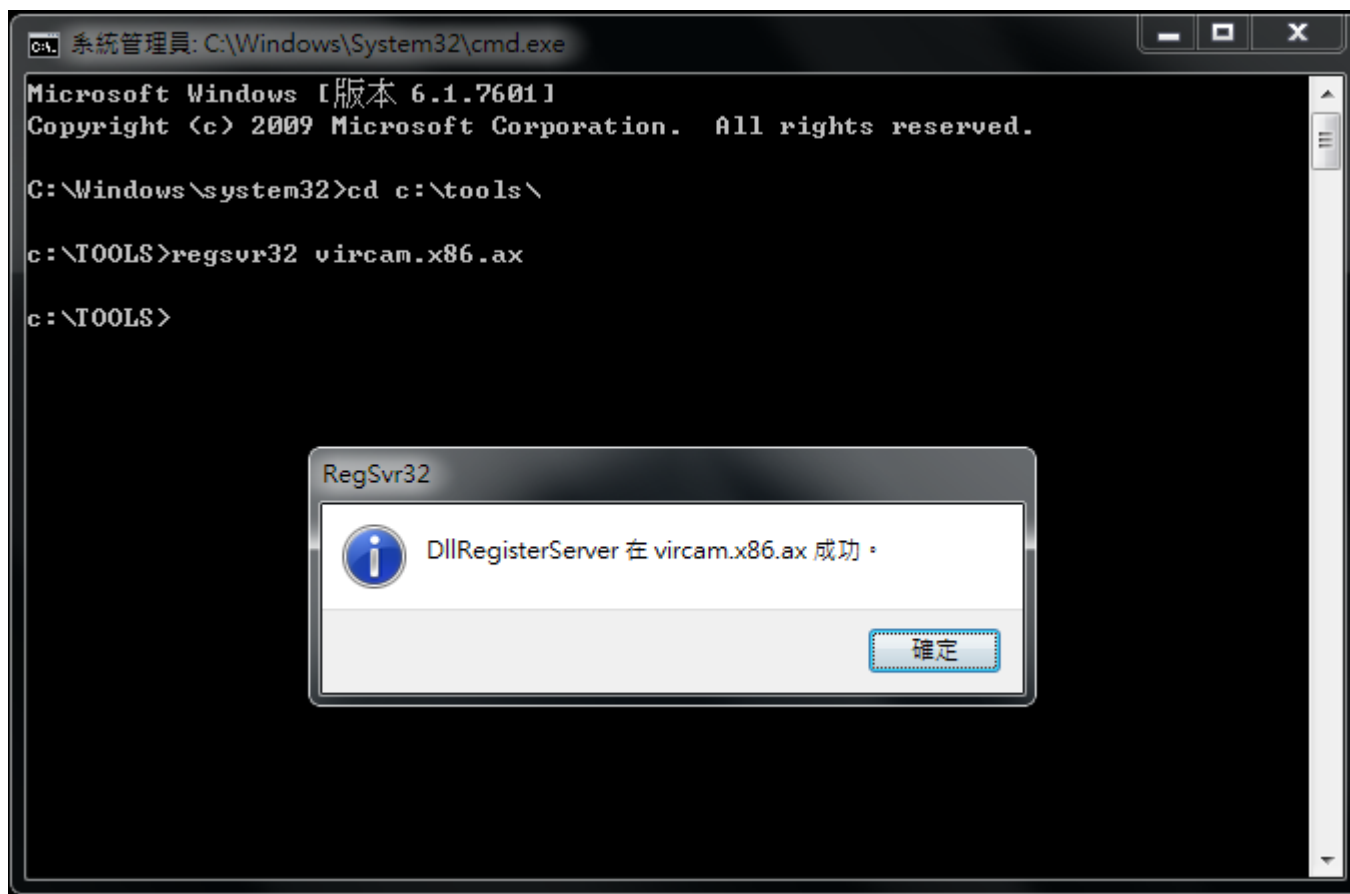
# Build Virtual Camera application

1. Developer should copy QCAP.X86.DLL and AMESDK.DLL with VIRCAM.X86.AX and VIRCAM.X86.INI as is shown in below figure.



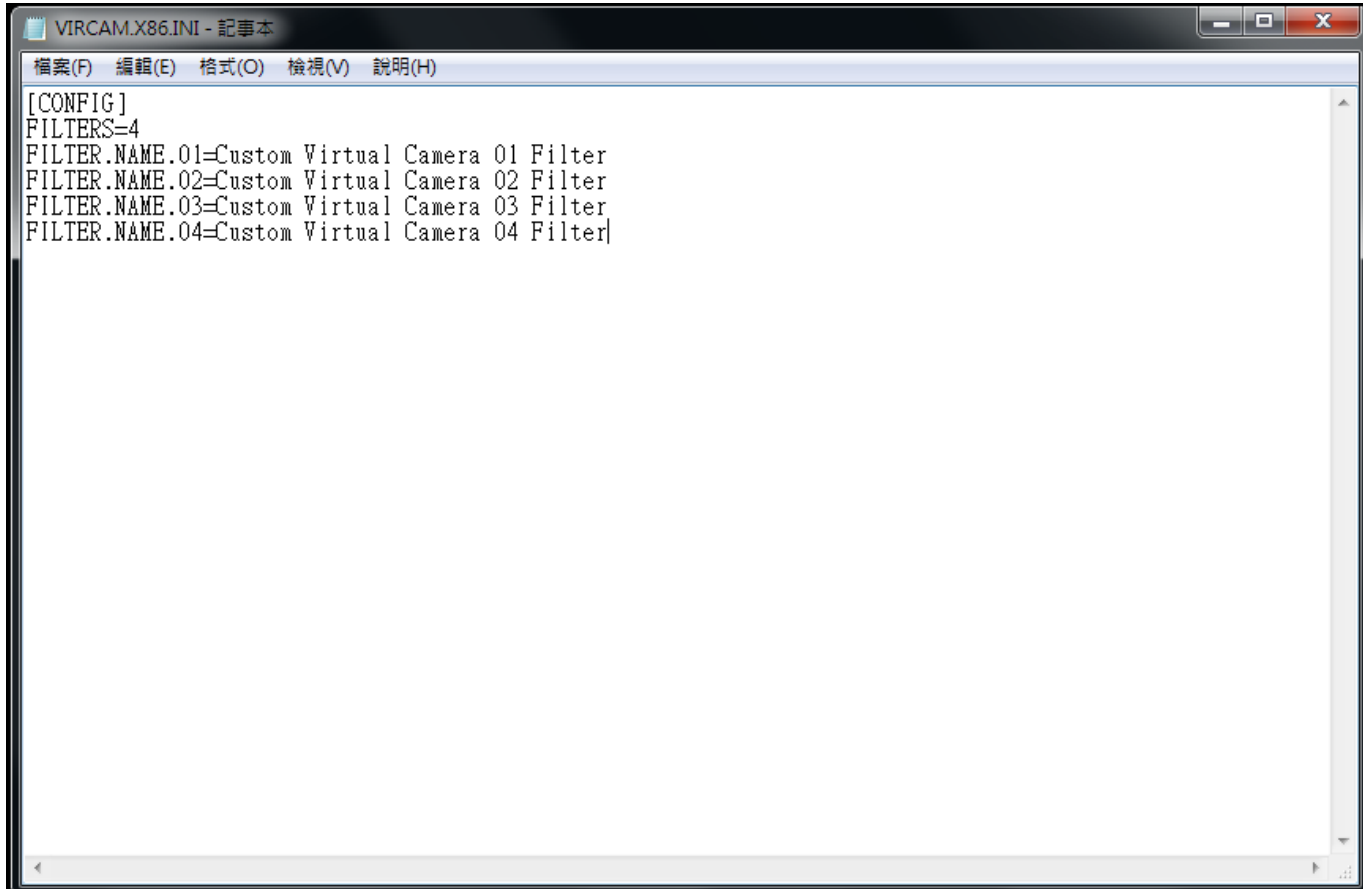
# Build Virtual Camera application

2. Register VIRCAM.X86.AX filter on cmd.exe.



# Build Virtual Camera application

3. Developer can modify VIRCAM.X86.INI to support multiple virtual camera filters.

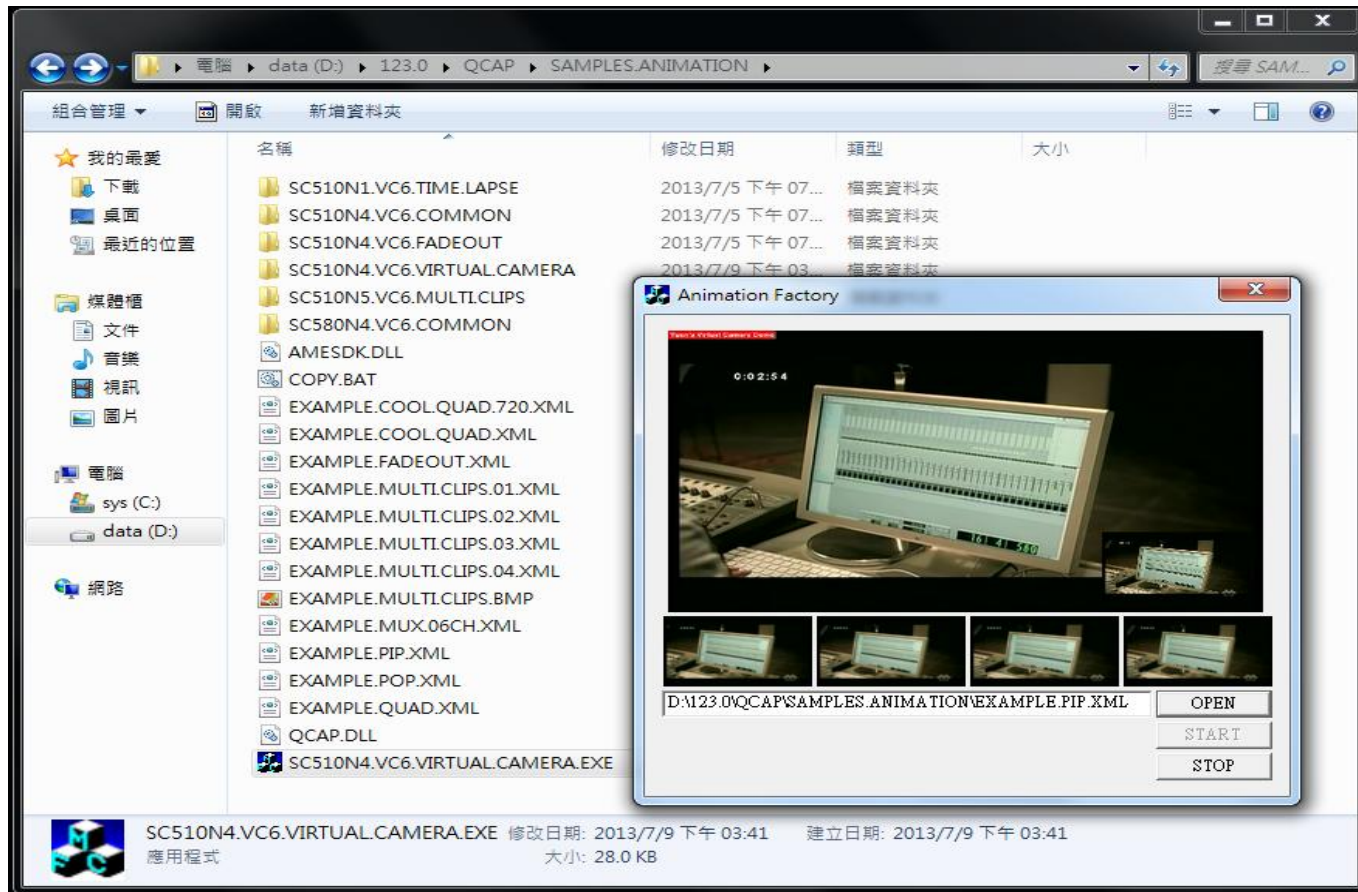
A screenshot of a Windows Notepad window titled "VIRCAM.X86.INI - 記事本". The window displays the contents of the VIRCAM.X86.INI file, which is a configuration file for a virtual camera application. The text is as follows:

```
[CONFIG]
FILTERS=4
FILTER.NAME.01=Custom Virtual Camera 01 Filter
FILTER.NAME.02=Custom Virtual Camera 02 Filter
FILTER.NAME.03=Custom Virtual Camera 03 Filter
FILTER.NAME.04=Custom Virtual Camera 04 Filter|
```

The window has a standard menu bar with "檔案(F)", "編輯(E)", "格式(O)", "檢視(V)", and "說明(H)". The text is in a monospaced font, and the cursor is at the end of the last line.

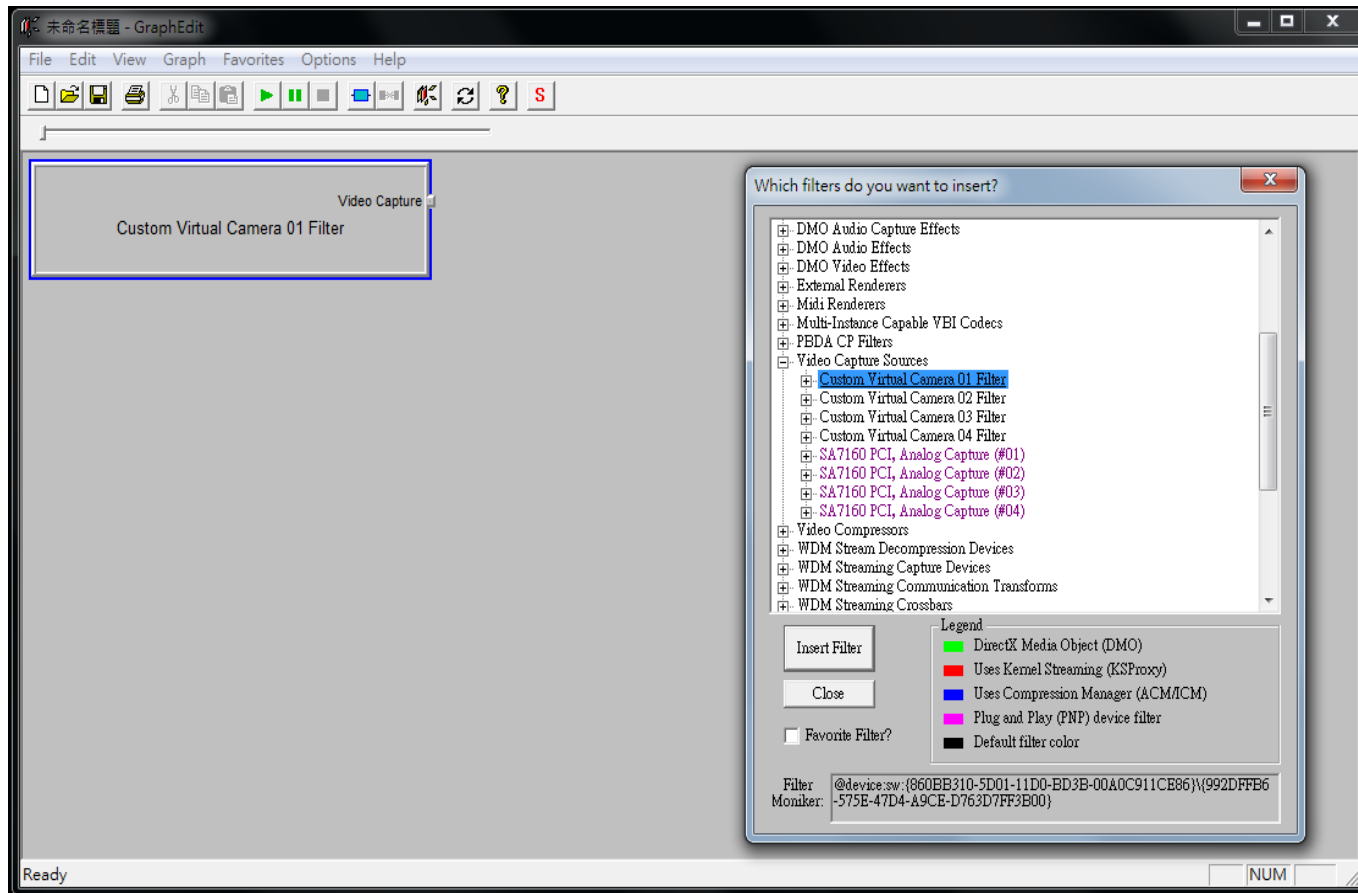
# Build Virtual Camera application

4. The sample "SAMPLES.ANIMATION\SC510N4.VC6.VIRTUAL.CAMERA" demonstrates how to use the Virtual Camera function in our SDK.



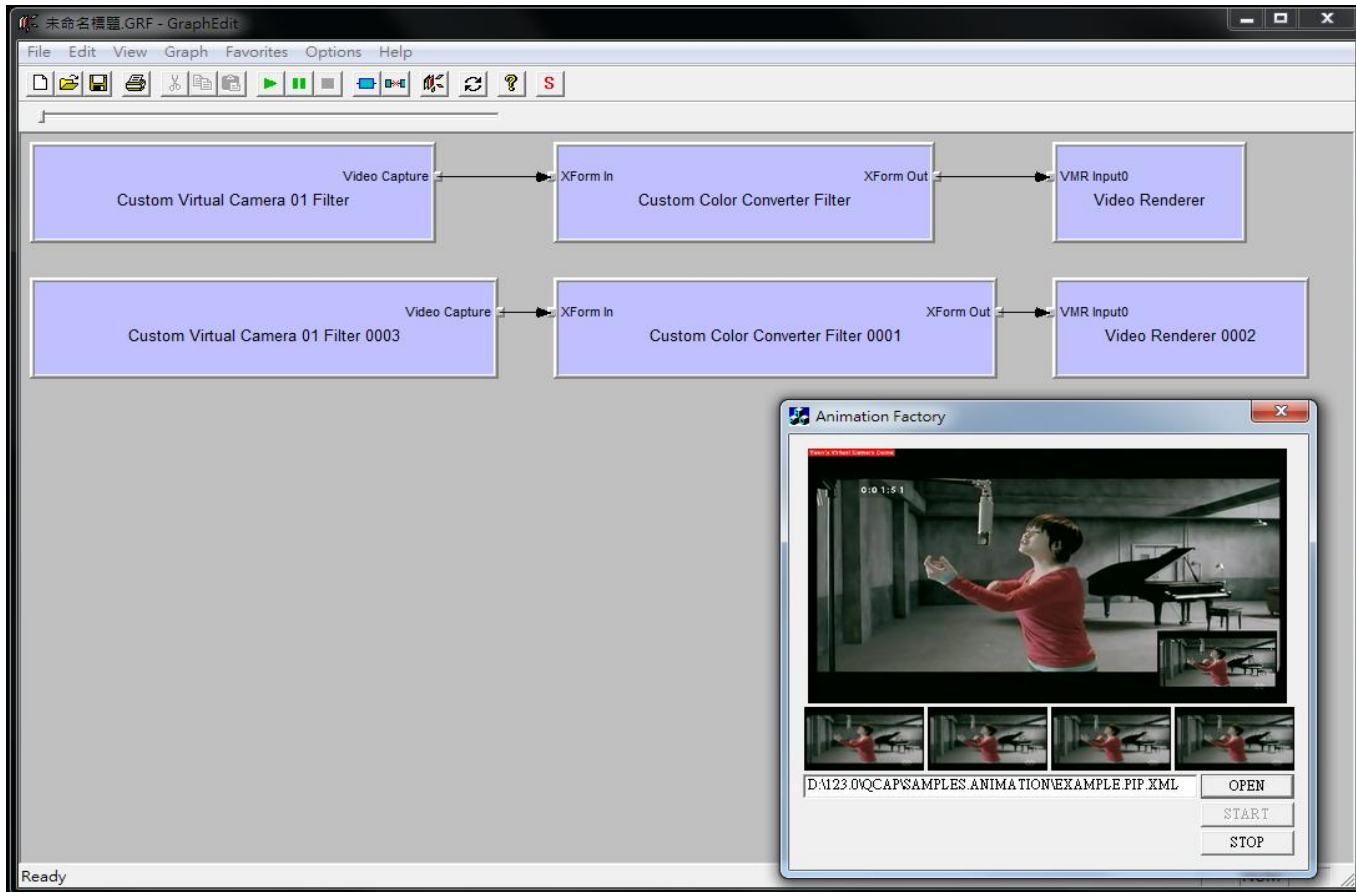
# Build Virtual Camera application

5.1 Then you can see one "Custom Virtual Camera Filter" from the "Video Capture Sources" category in the GraphEdit tool.



# Build Virtual Camera application

6.1 Finish the GraphEdit as show in below.



# Build Virtual Camera application

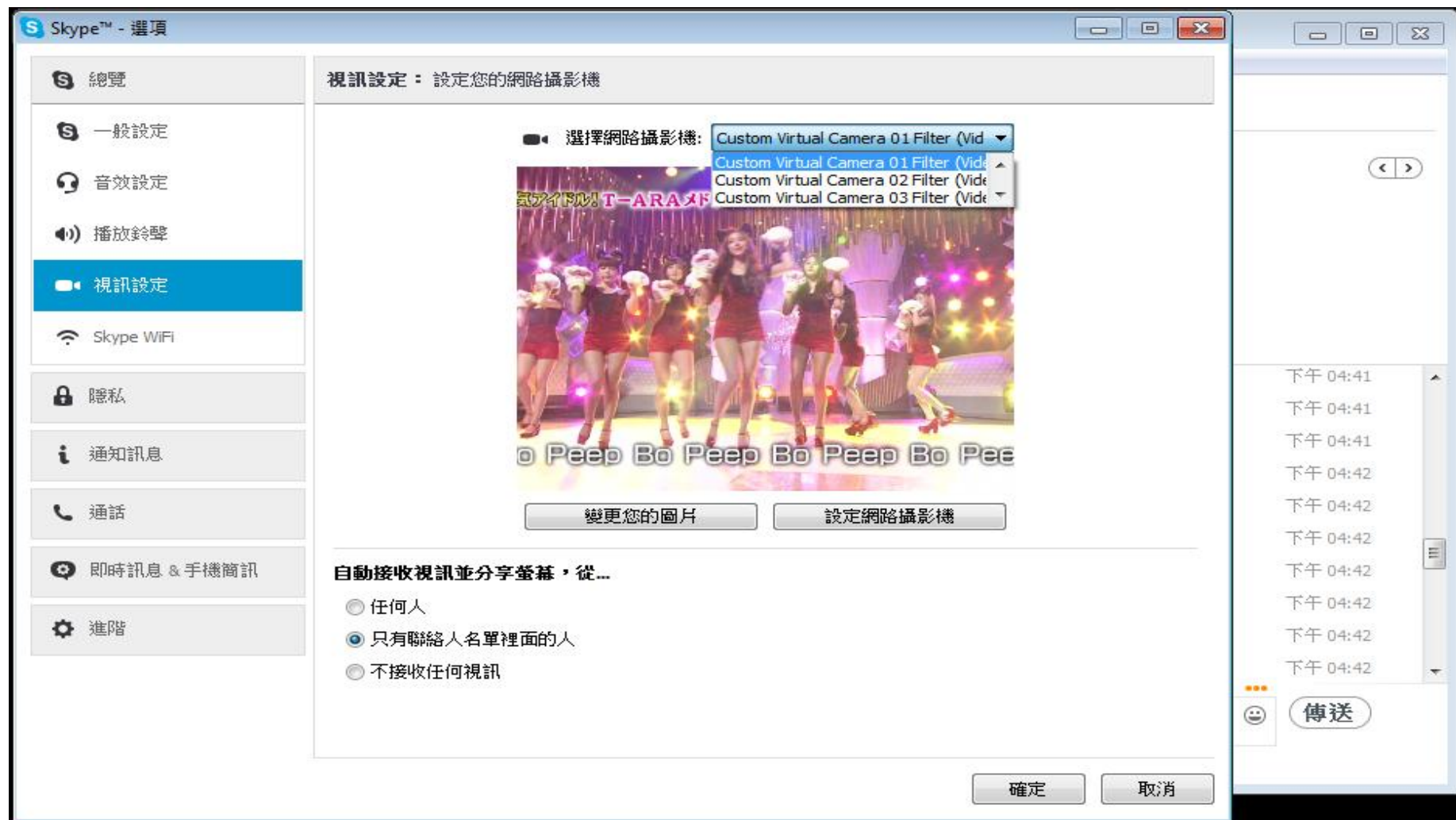
7. you can see Virtual Camera function on graphstudio window.





# Build Virtual Camera application

8. User can see Virtual Camera function on Skype.



# Build Virtual Camera application

9. User can see Virtual Camera function on QQ.

