

USB camera preview

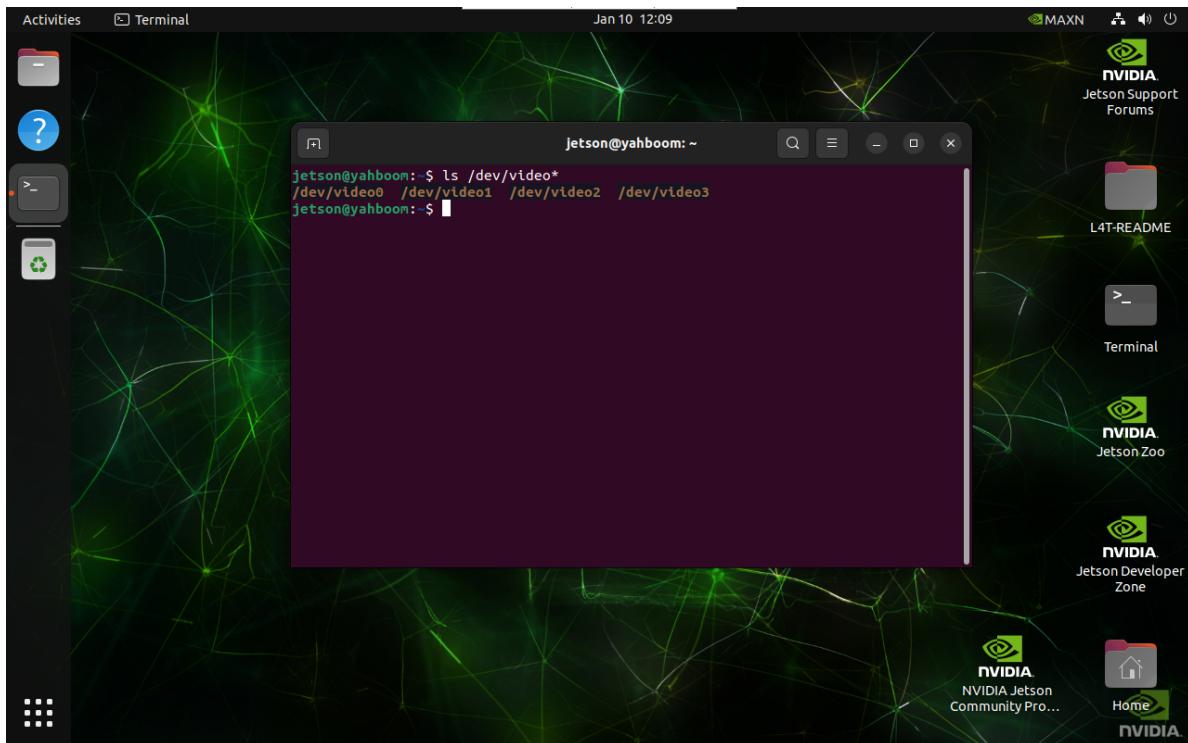
USB camera preview

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1. View video device

```
ls /dev/video*
```

The result of the picture is the result of connecting two CSI cameras and one USB camera: generally, a CSI camera displays one `/video` device, and a USB camera displays two `/video` devices. The USB camera selects the newly added and smaller `/dev/video2` call (connecting the USB camera system adds `/dev/video2` and `/dev/video3` device numbers)

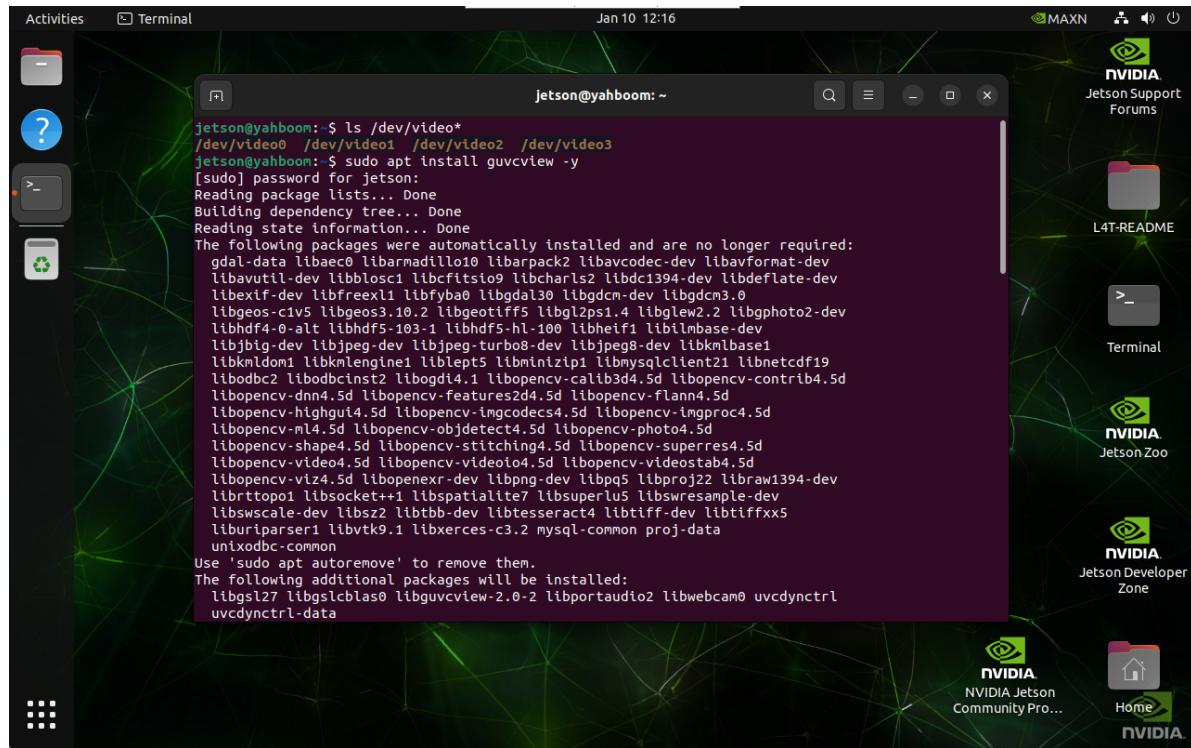


2. GUVCView

GUVCView is an open source software for Linux systems, used to capture and record videos and images, mainly for Webcam cameras.

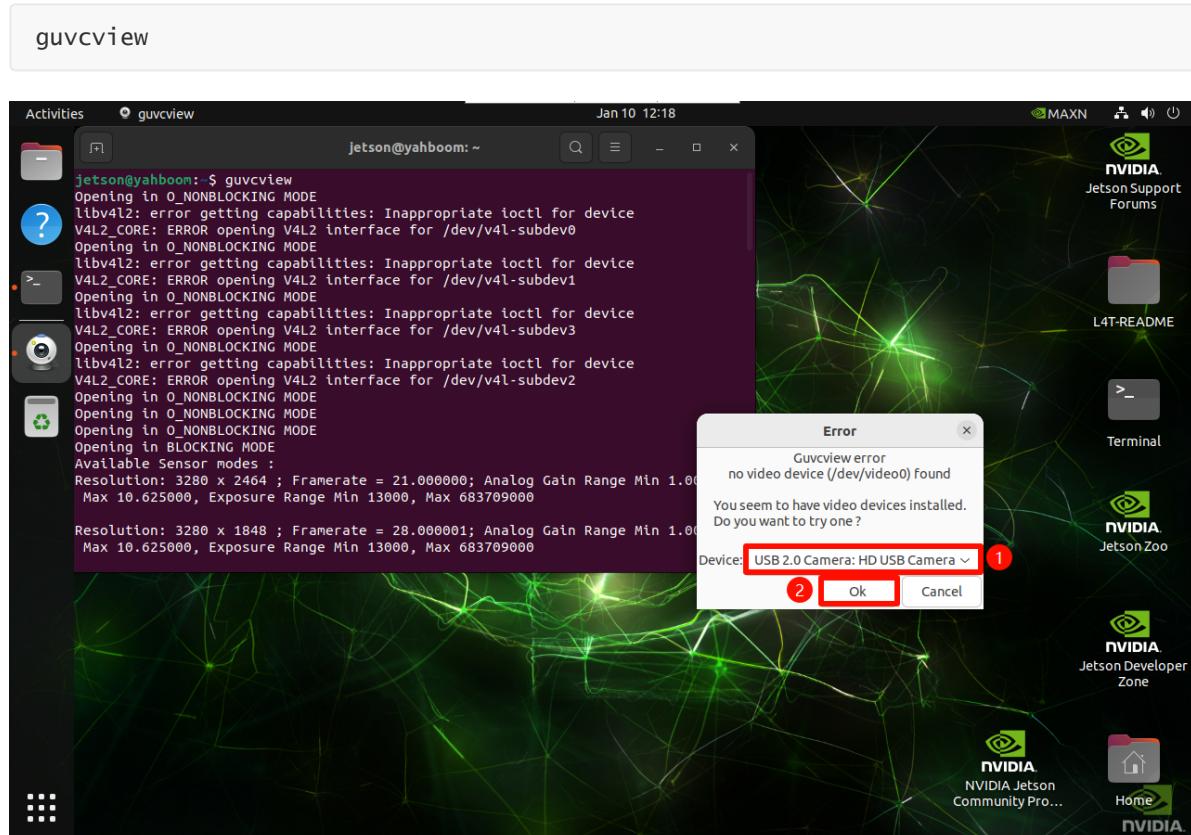
2.1, GUVCView installation

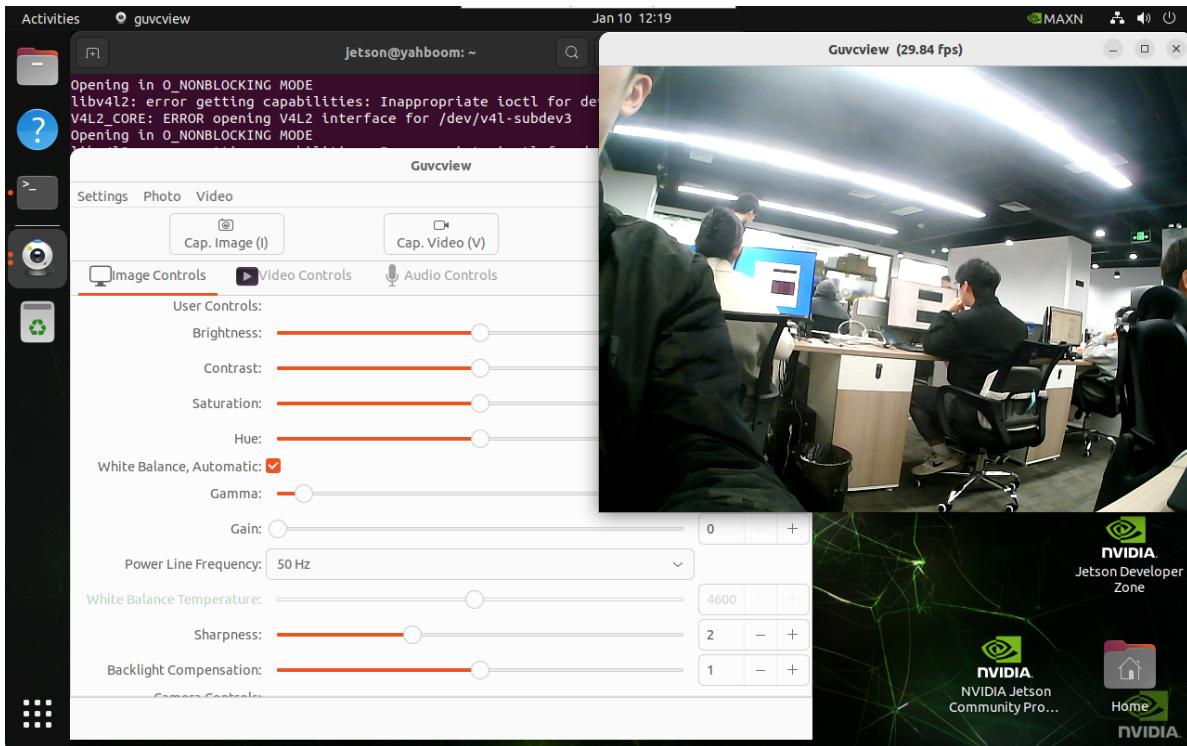
```
sudo apt update  
sudo apt install guvcview -y
```



2.2, GUVCView use

Enter the application menu bar and click the `guvcview` icon or enter the startup command in the terminal: Select USB camera, CSI camera has no preview screen



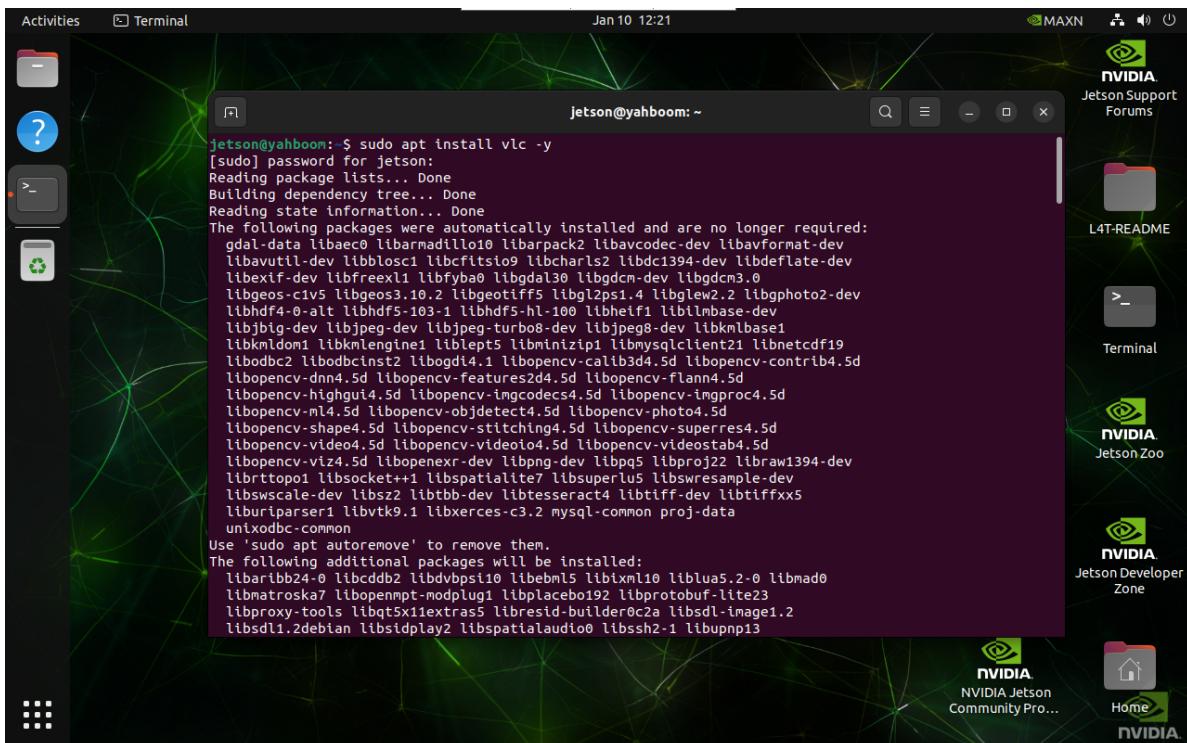


3. VLC

VLC media player is a free and open source multimedia player that supports multiple audio and video formats as well as DVD, audio CD, VCD and various streaming protocols.

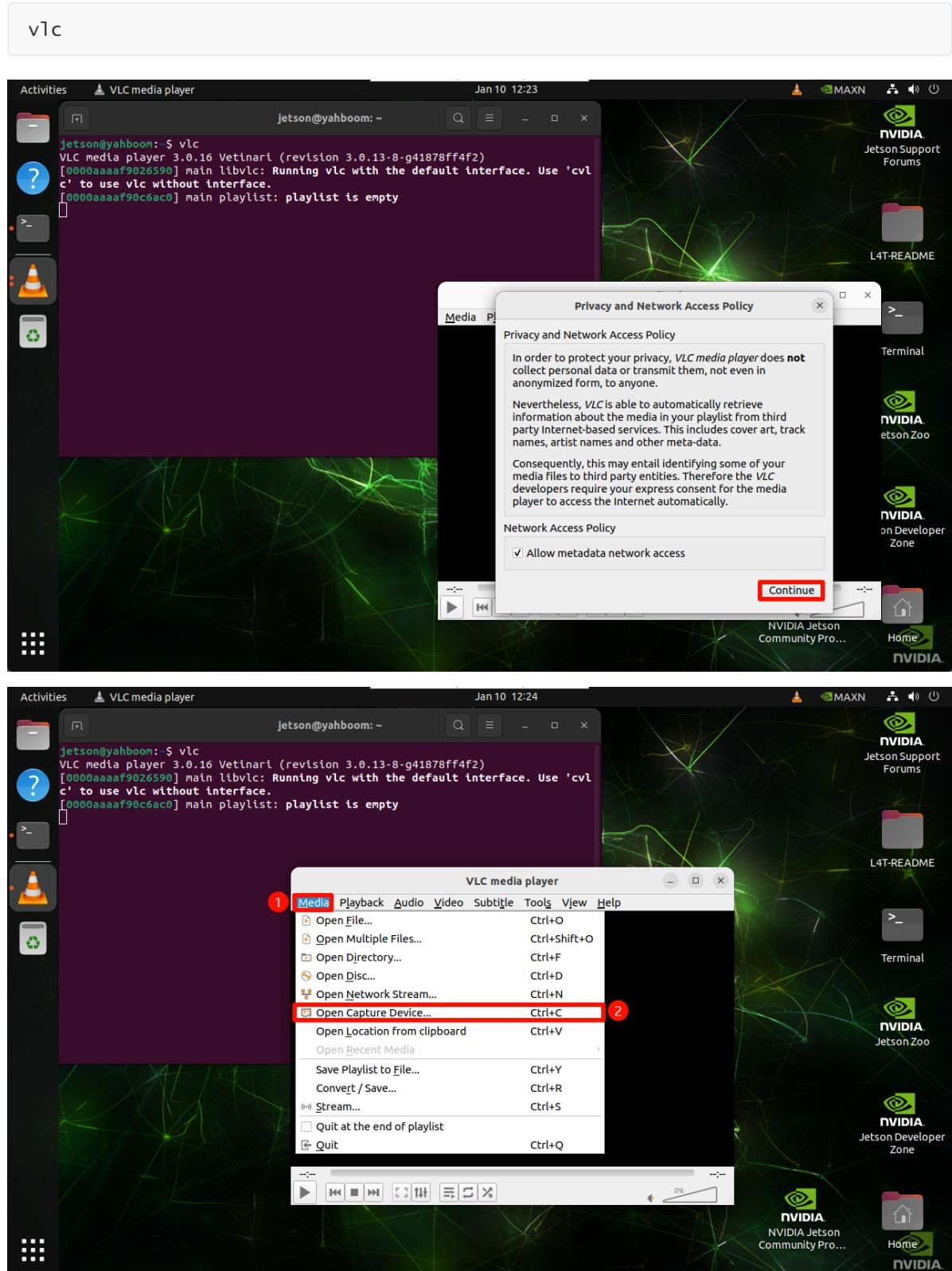
3.1. VLC installation

```
sudo apt update
sudo apt install vlc -y
```



3.2. VLC usage

Enter the application menu bar and click `VLC media player` icon or enter the start command in the terminal: Select USB camera, CSI camera has no preview screen



Select the device number corresponding to the USB camera:

