

# Capture Card Linux Driver Installation Instructions for NVIDIA Jetson Systems

## Applied Capture Card Models

### Mini Card:

C353  
C353W  
C313B  
C313BW  
C351  
CM311-H

### M.2:

CN311-H

## **Introduction**

- Each capture card has the drivers built for different NVIDIA Jetson SOMs. Please ensure you use the right driver package.
- The driver installation steps are varied among capture card models, however the steps of the same model are identical for all NVIDIA Jetson systems.
- For testing purpose, VLC and GStreamer are commonly used applications for capture cards on NVIDIA Jetson systems.

## **Installation Steps**

### **< C353/CM313B(W) Capture Card Linux Driver Installation Instructions>**

1. Unpack the tarball (with driver filename starting with "c353\_"):
2. Install and load the module (as root or with sudo):  
# sudo make install  
# sudo modprobe c353

### **< C351 Capture Card Linux Driver Installation Instructions>**

1. Unpack the tarball (with driver filename starting with "c351\_"):
2. Install the module (as root or with sudo):  
# sudo ./install.sh
3. Load the module (as root or with sudo):  
# sudo ./load.sh

### **< CN311-H/CM311-H Capture Card Linux Driver Install Instructions>**

1. Unpack the tarball (with driver filename starting with "cx311h\_"):
2. Install the module (as root or with sudo):  
# sudo ./install.sh
3. Load the module (as root or with sudo):  
# sudo ./insmod.sh