

# Linux Driver Installation for DVBSky PC Tuner Card/Box

## (For Ubuntu as example)

### 1, Get DVBSky linux source code

- 1) Under Linux directory in CD.
- 2) For more later source code, visit [www.dvbsky.net](http://www.dvbsky.net) and goto support web page.
- 3) Unzip the source code to Ubuntu User directory.  
If the user name is DVBSky, the completed source code directory is:  
`/home/DVBSky/media_build-bst`

### 2, Compile and install driver

- 1) Enter the source code directory, then change the read/write permissions:  
`cd /home/DVBSky/media_build-bst`
- 2) Check and choose one of the target systems, run 'uname -a' to get os informaton.  
`./v4l/build_x86.sh` if build for 32 bit system os.  
`./v4l/build_dvbc_x86.sh` if build for 32 bit system os to support DVB-C.  
`./v4l/build_x64.sh` if build for 64 bit system os.  
`./v4l/build_dvbc_x64.sh` if build for 64 bit system os to support DVB-C.
- 3) Compile the source code:  
`make`
- 4) Install driver, which need super user privilege:  
`sudo make install`
- 5) Copy firmware file `dvb-fe-ds300x.fw` and `dvb-fe-ds3103.fw` to `/Lib/Firmware` directory. Firmware file can be downloaded from support web page in [www.dvbsky.net](http://www.dvbsky.net). Unzip it then copy files.
- 6) Reboot computer.
- 7) Verify the installation is successful or not:  
`ls /dev/dvb`  
If the adaptor0 is list here so the driver is installed properly.

### 3, FAQ

Situation:

Kernel message when loading the drivers.

"Unknown symbol..."

"Invalid parameter..."

"disagrees about version of symbol..."

Fix:

Step 1)

```
sudo rm -rf /lib/modules/`uname -r`/kernel/drivers/media/
```

Step 2)

```
sudo make install
```

**DVBSky 2012**