

DVB TUNER'S DRIVER FOR LINUX

Revision: 1.3

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REVISION HISTORY

Revision Number	Revision date	Changes
1.0	2017/08/29	
1.1	2017/10/09	
1.2	2019/02/28	
1.3	2020/03/07	Add u18.04 compilation method

CONTACT INFORMATION

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NOTICE

1, Don't run ./build file

2, Selection system

Please select a suitable system according to the file name of the driver package.

Our technical support is limited to the bug of the driver itself. Compiling errors caused by not selecting the correct system is not in the scope of our technical support. Therefore, after the driver installation is complete, do not update your Linux system or compiler at will. Don't worry, please pay attention to the driver update on our official website(<https://www.mygica.com/support/>), and download the driver package you need according to your system.

COMPILING

example on linux of ubuntu 16.04

```
sudo apt-get install libproc-processtable-perl
```

```
cd media_build
```

```
make release
```

Similar information will be prompted

```
make -C /home/u-test99/work/media_build/v4l release
```

```
make[1]: Entering directory '/home/u-test99/work/media_build/v4l'
```

```
No version yet, using 4.8.0-36-generic
```

```
make[1]: Leaving directory '/home/u-test99/work/media_build/v4l'
```

make or sudo make

Compiling on Ubuntu 18.04

```
sudo apt install git make gcc libproc-processtable-perl libncurses5-dev pkg-config  
bison flex libelf-dev patchutils
```

INSTALL DRIVER

sudo make install

restart the PC

UNLOADING DRIVER

sudo make rinstall

Modify the default value of the number of tuner adapters

make menuconfig

->Multimedia support

->(8) maximum number of DVB/ATSC adapters

Note: the maximum value of the number of tuner adapters is 64

Then make && sudo make install

or, you can modify the file include/media/dvbdev.h

```
#if defined(CONFIG_DVB_MAX_ADAPTERS) && CONFIG_DVB_MAX_ADAPTERS > 0
    #define DVB_MAX_ADAPTERS CONFIG_DVB_MAX_ADAPTERS
#else
    #define DVB_MAX_ADAPTERS 16
#endif
```

to

```
//#if defined(CONFIG_DVB_MAX_ADAPTERS) && CONFIG_DVB_MAX_ADAPTERS > 0
    // #define DVB_MAX_ADAPTERS CONFIG_DVB_MAX_ADAPTERS
//#else
    #define DVB_MAX_ADAPTERS 64
```

```
//#endif
```

```
Than make && make install
```

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