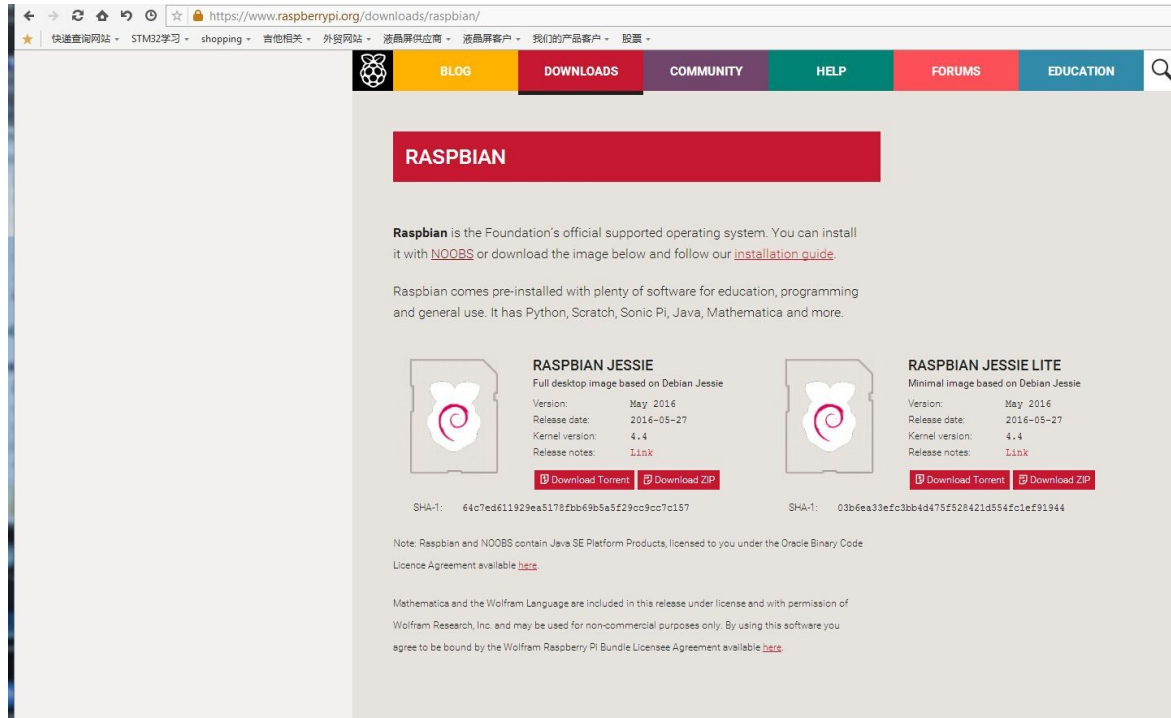


## The method of add drive for touch TFT (Raspberry Pi)

1. Connect the touch screen LCD with the raspberry pi board well.

2. If you have your own raspberry pi system, you can add drive directly, if not, please download the latest image from the official raspberry pi website.

Here is the link: <https://www.raspberrypi.org/downloads/raspbian/>



3. After download, burn it to SD card by windiskImage software.

4. Copy the drive into the SD card directly. (Connect the burned SD card with the computer by the card reader, and then put the drivers in)

As graph:

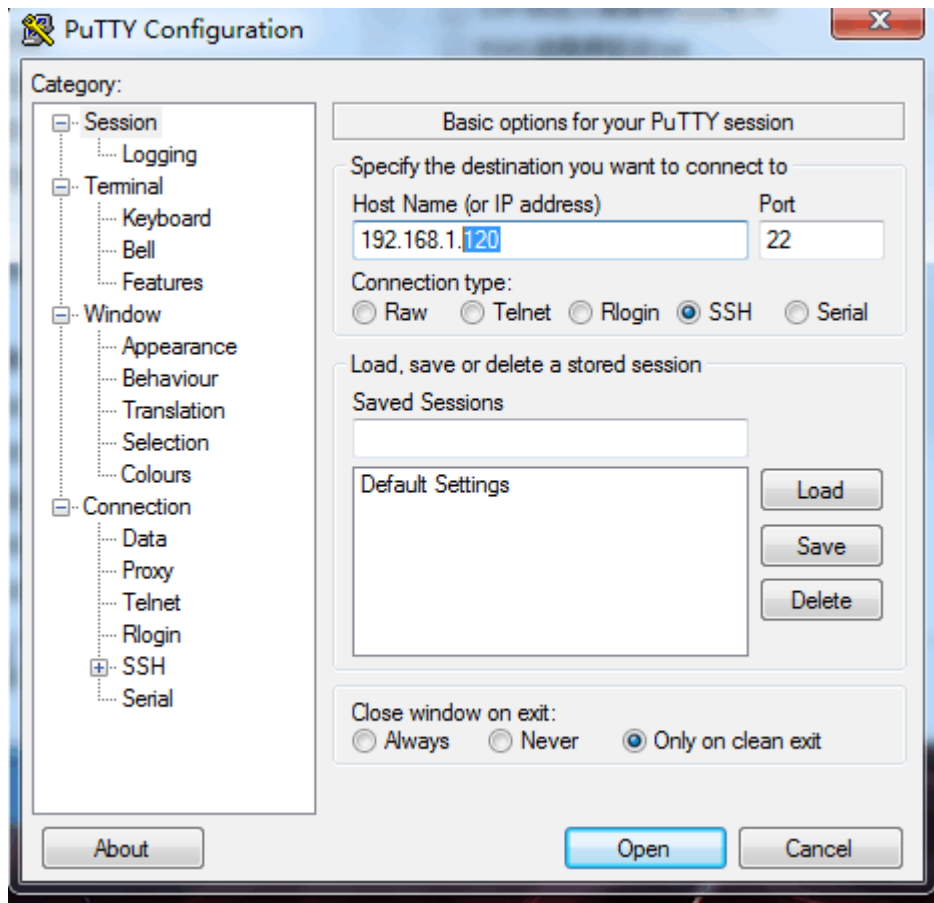
计算机 > boot (H:) >					
(E) 查看(V) 工具(T) 帮助(H)					
共享 ▾ 新建文件夹					
	名称	修改日期	类型	大小	
ive	overlays	2016-07-29 7:50	文件夹		
	bcm2708-rpi-b.dtb	2015-11-18 16:01	DTB 文件	10 KB	
	bcm2708-rpi-b-plus.dtb	2015-11-18 16:01	DTB 文件	10 KB	
	bcm2708-rpi-cm.dtb	2015-11-18 16:01	DTB 文件	10 KB	
	bcm2709-rpi-2-b.dtb	2015-11-18 16:01	DTB 文件	11 KB	
	bootcode.bin	2015-11-18 16:01	BIN 文件	18 KB	
	cmdline.txt	2016-07-29 7:50	文本文档	1 KB	
	config.txt	2016-07-29 7:50	文本文档	2 KB	
	COPYING.linux	2015-08-21 16:04	LINUX 文件	19 KB	
	fixup.dat	2015-11-18 16:01	Probe Document	7 KB	
视库	fixup_cd.dat	2015-11-18 16:01	Probe Document	3 KB	
	fixup_db.dat	2015-11-18 16:01	Probe Document	10 KB	
	fixup_x.dat	2015-11-18 16:01	Probe Document	10 KB	
戴	issue.txt	2015-11-21 21:35	文本文档	1 KB	
	kernel.img	2015-11-18 16:01	好压 IMG 压缩文件	3,965 KB	
视库	kernel7.img	2015-11-18 16:01	好压 IMG 压缩文件	3,941 KB	
	LCD-show-160701.tar.gz	2016-07-29 15:14	好压 GZ 压缩文件	43 KB	
盘 (C:)	LICENCE.broadcom	2015-11-18 16:01	BROADCOM 文件	2 KB	
	LICENCE.oracle	2015-11-21 21:35	ORACLE 文件	19 KB	
	start.elf	2015-11-18 16:01	ELF 文件	2,667 KB	
盘 (D:)	start_cd.elf	2015-11-18 16:01	ELF 文件	591 KB	
盘 (E:)	start_db.elf	2015-11-18 16:01	ELF 文件	4,743 KB	
盘 (F:)	start_x.elf	2015-11-18 16:01	ELF 文件	3,722 KB	
盘 (G:)					
盘 (H:)					

5.Insert the SD card into the raspberry pie, then power on and wait for 1 minutes, the screen will boot.

6.Remote login with SSH on the backstage of raspberry pie; there is a “putty.exe” software, before using it, please insert the cable into the board of raspberry pie, and you will find the IP address of the network by he router or other ways.

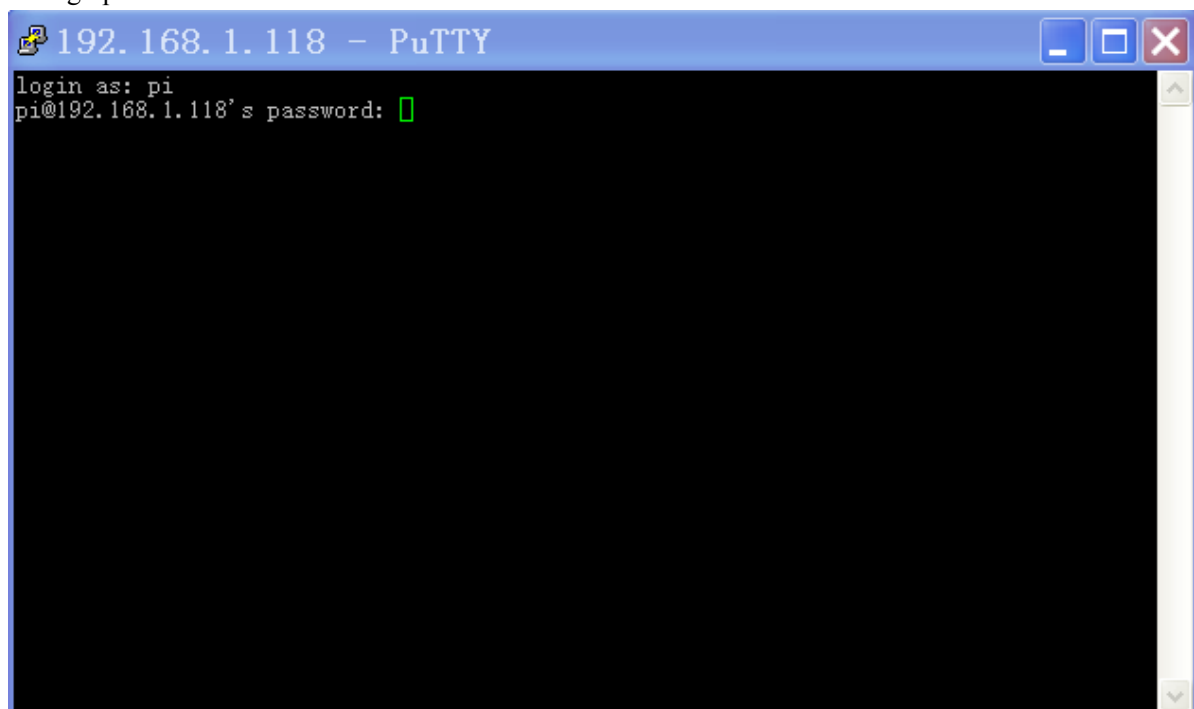
The following picture is the backstage of raspberry pie by the “putty.exe” software.

As graph:



Input the IP which you find before in the “IP address” position, then click “Open”, and get into backstage.

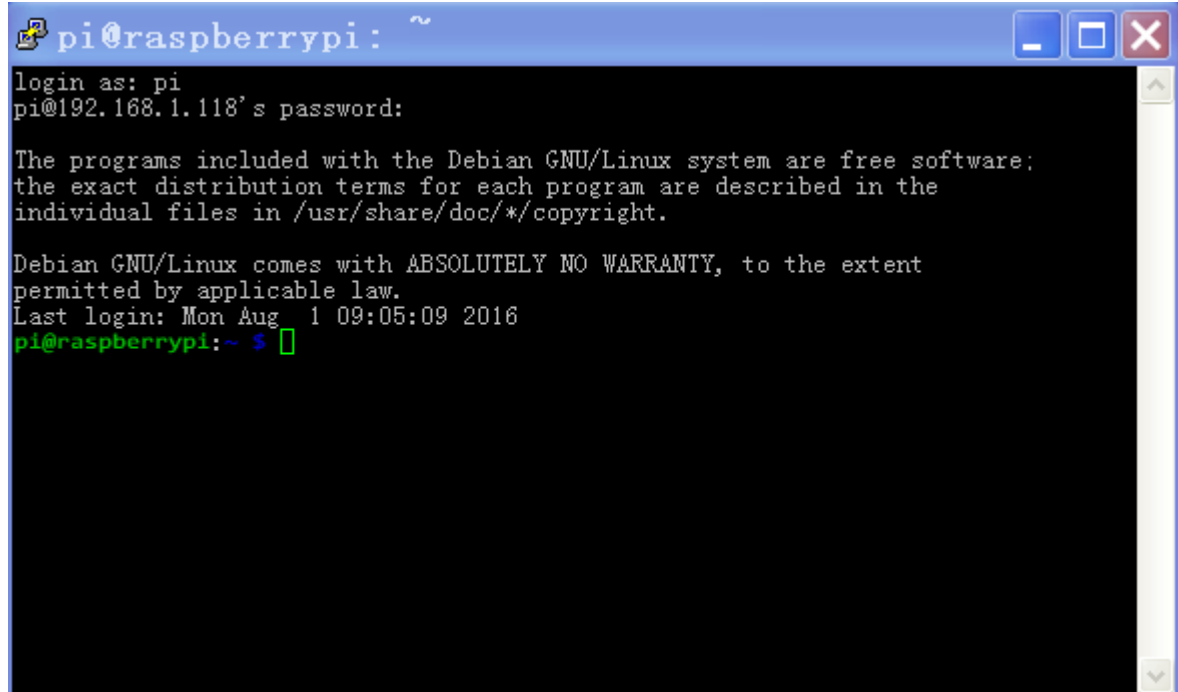
7.As graph:



Login account is “pi”

Login password is “Raspberry” (it must be lowercase, due to the system is encrypted, the letters will not display it is upper or lowercase when typing.

Input “ Enter”, as graph:

A screenshot of a terminal window titled 'pi@raspberrypi: ~'. The window has a blue title bar with standard window controls. The terminal text shows a login prompt 'login as: pi', followed by 'pi@192.168.1.118's password:'. Below this, a message states: 'The programs included with the Debian GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/copyright.' This is followed by 'Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.' and 'Last login: Mon Aug 1 09:05:09 2016'. The prompt 'pi@raspberrypi:~ \$' is shown with a green cursor. A vertical scrollbar is visible on the right side of the terminal window.

```
pi@raspberrypi: ~
login as: pi
pi@192.168.1.118's password:

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Aug 1 09:05:09 2016
pi@raspberrypi:~ $
```

Indicate you entered in the backstage already.

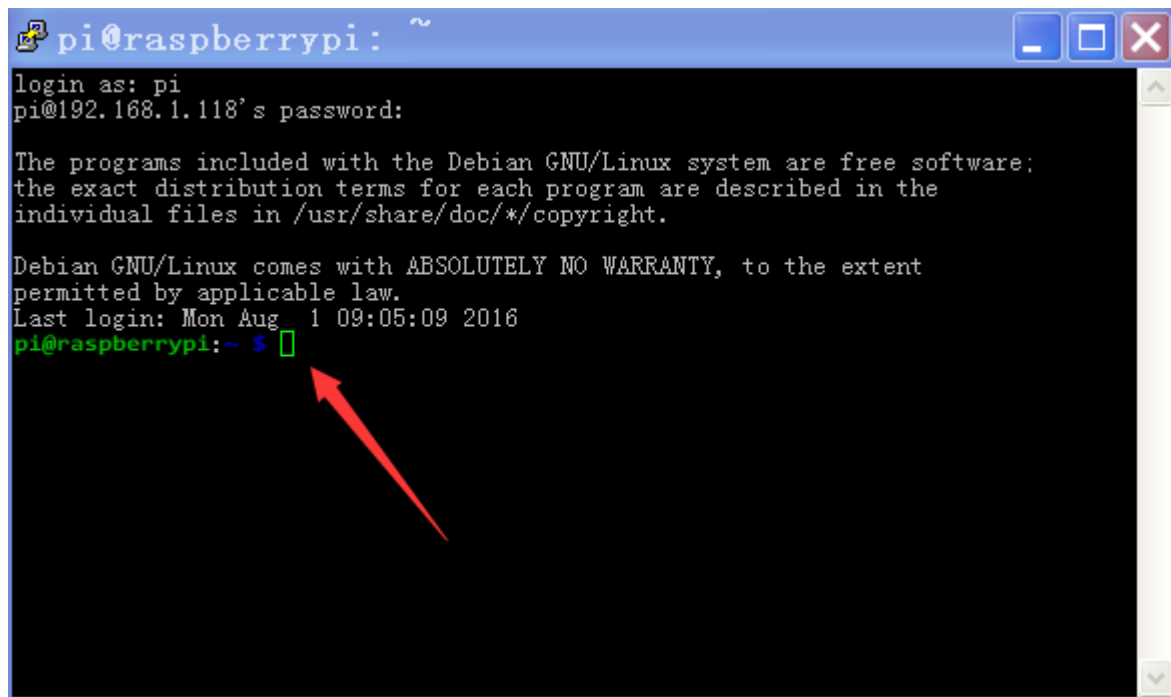
8. Next is the process of entering the system disk and decompression drive, install the drive.

1) If you want to install the 2.8inch screen, please copy the following contents directly:

```
cd /boot
sudo tar zxvf LCD-show-160701.tar.gz
cd LCD-show/
sudo ./LCD28-show
```

Paste here is okay. (Note: There is no ctrl+V function in “putty”, use the right-click is fine )

As graph:

A terminal window titled 'pi@raspberrypi: ~' with standard window controls. The text inside shows a login sequence: 'login as: pi', 'pi@192.168.1.118's password:', followed by Debian GNU/Linux system information and a login timestamp. The prompt 'pi@raspberrypi:~ \$' is shown in green, with a red arrow pointing to it from below.

```
pi@raspberrypi: ~
login as: pi
pi@192.168.1.118's password:

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Aug  1 09:05:09 2016
pi@raspberrypi:~ $
```

And then this appears,

```
pi@raspberrypi: /boot/LCD-show
login as: pi
pi@192.168.1.118's password:

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Tue Aug  2 07:20:43 2016 from 192.168.1.109
pi@raspberrypi:~ $ cd /boot
pi@raspberrypi:/boot $ sudo tar zxvf LCD-show-160701.tar.gz
LCD-show/
LCD-show/boot/
LCD-show/boot/config-28.txt
LCD-show/boot/config-32.txt
LCD-show/boot/config-35.txt
LCD-show/boot/config-397.txt
LCD-show/boot/config-43.txt
LCD-show/boot/config-5.txt
LCD-show/boot/config-7B-800x480.txt
LCD-show/boot/config-7C-1024x600.txt
LCD-show/boot/config-nomal.txt
LCD-show/LCD-hdmi
LCD-show/LCD28-show
LCD-show/LCD32-show
LCD-show/LCD35-show
LCD-show/LCD397-show
LCD-show/LCD43-show
LCD-show/LCD5-show
LCD-show/LCD7B-show
LCD-show/LCD7C-show
LCD-show/usr/
LCD-show/usr/99-calibration.conf-28
LCD-show/usr/99-calibration.conf-32
LCD-show/usr/99-calibration.conf-35
LCD-show/usr/99-calibration.conf-397
LCD-show/usr/99-calibration.conf-43
LCD-show/usr/99-calibration.conf-5
LCD-show/usr/99-fbturbo.conf
LCD-show/usr/99-fbturbo.conf-HDMI
LCD-show/usr/cmdline.txt
LCD-show/usr/inittab
LCD-show/usr/modules-HDMI
LCD-show/usr/tft35a-overlay.dtb
LCD-show/usr/tft9341-overlay.dtb
LCD-show/xinput-calibrator_0.7.5-1_armhf.deb
pi@raspberrypi:/boot $ cd LCD-show/
pi@raspberrypi:/boot/LCD-show $ sudo ./LCD28-show
```

Add successful, then wait for automatic restart

All size drivers can be added in this way.

2) If you want to install the 3.2 inch screen, copy the following contents directly:

```
cd /boot
sudo tar zxvf LCD-show-160701.tar.gz
cd LCD-show/
```

```
sudo ./LCD32-show
```

Paste is okay. (Note: There is no ctrl+V function in “putty”, use the right-click is fine)

3) If you want to install the 3.5 inch screen, copy the following contents directly:

```
cd /boot
sudo tar zxvf LCD-show-160701.tar.gz
cd LCD-show/
sudo ./LCD35-show
```

Paste can be. (Note: There is no ctrl+V function in “putty”, use the right-click is fine )

4) If you want to install the 4.3 inch screen, copy the following contents directly:

```
cd /boot
sudo tar zxvf LCD-show-160701.tar.gz
cd LCD-show/
sudo ./LCD43-show
```

Paste is okay. (Note: There is no ctrl+V function in “putty”, use the right-click is fine)

5) If you want to install the 5 inch screen, copy the following contents directly:

```
cd /boot
sudo tar zxvf LCD-show-160701.tar.gz
cd LCD-show/
sudo ./LCD5-show
```

Paste is okay. (Note: There is no ctrl+V function in “putty”, use the right-click is fine)

6) If you want to install the 7 inch screen (800\*480) , copy the following contents directly:

```
cd /boot
sudo tar zxvf LCD-show-160701.tar.gz
cd LCD-show/
sudo ./LCD7B-show
```

Paste is okay. (Note: There is no ctrl+V function in “putty”, use the right-click is fine)

Then please waiting for auto restart,

When the screen shows, and you can touch it.

It means the divers are added successful.

If you want to switch back to the HDMI display, copy the following contents directly:

```
cd /boot  
sudo tar zxvf LCD-show-160701.tar.gz  
cd LCD-show/  
sudo ./LCD-hdmi
```

Shows as graph:



```
pi@raspberrypi: /boot/LCD-show
login as: pi
pi@192.168.1.118's password:

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Aug  1 09:05:09 2016
pi@raspberrypi:~$ cd /boot
pi@raspberrypi:/boot$ sudo tar zxvf LCD-show-160701.tar.gz
LCD-show/
LCD-show/boot/
LCD-show/boot/config-28.txt
LCD-show/boot/config-32.txt
LCD-show/boot/config-35.txt
LCD-show/boot/config-397.txt
LCD-show/boot/config-43.txt
LCD-show/boot/config-5.txt
LCD-show/boot/config-7B-800x480.txt
LCD-show/boot/config-7C-1024x600.txt
LCD-show/boot/config-nomal.txt
LCD-show/LCD-hdmi
LCD-show/LCD28-show
LCD-show/LCD32-show
LCD-show/LCD35-show
LCD-show/LCD397-show
LCD-show/LCD43-show
LCD-show/LCD5-show
LCD-show/LCD7B-show
LCD-show/LCD7C-show
LCD-show/usr/
LCD-show/usr/99-calibration.conf-28
LCD-show/usr/99-calibration.conf-32
LCD-show/usr/99-calibration.conf-35
LCD-show/usr/99-calibration.conf-397
LCD-show/usr/99-calibration.conf-43
LCD-show/usr/99-calibration.conf-5
LCD-show/usr/99-fbturbo.conf
LCD-show/usr/99-fbturbo.conf-HDMI
LCD-show/usr/cmdline.txt
LCD-show/usr/inittab
LCD-show/usr/modules-HDMI
LCD-show/usr/tft35a-overlay.dtb
LCD-show/usr/tft9341-overlay.dtb
LCD-show/xinput-calibrator_0.7.5-1_armhf.deb
pi@raspberrypi:/boot$ cd LCD-show/
pi@raspberrypi:/boot/LCD-show$ sudo ./LCD-hdmi
```

Just restart it and it is okay.

The above is the methods about how to add touch LCD driver for raspberry pie.

Thank you

KUMAN /FAE