User manual

This product is developed by kedei, using the newer Linux kernel system (version 4.15.18), using the latest official UI desktop file system of raspberry pie, using the faster HDMI to transfer data, video, game (arcade), the whole process has kedei's own development, providing driver!

Image file (818m size) network disk address:

pan.baidu.com/s/14nqU76wIJuhsTd4ewGvyug

Official website of image:

http://www.kedei.net

http://kedei.net

(abroad) : http://en.kedei.net

Product features:

1. Using HDMI interface, refresh up to 60 FPS;

2. The resolution is adjustable, supporting any resolution between 480 * 320 and 1920 * 1080 (3:2 ratio is preferred);

3. Support all systems of raspberry, Kali, Ubuntu, retrope, piplayer, windows10, etc

4. Support any HDMI HD interface data input (computer, DVD, etc.), support HDMI audio input, stereo 3.5mm audio output.

5. The user-friendly needle arranging mother seat frees up the unused IO port;

6. A new version of UI interface is used;

7. New kernel 4.15.18 is used;

8. It supports plug and play (when the main board is running, it can be normally displayed by inserting the display at any time), and touch control;

9. It supports automatic installation of drivers and all raspberry pie mainboards.

usage：

a. Shortcut, use the image which is in network disk (35_HDMI_Normal)

or website

The compiled files inside are directly burned to SD card.

b. Use the driver file in the network disk.

1. Burn the system you want

2. Ensure the normal network connection

3. Connect LCD screen with raspberry pi development board correctly

4. Copy the network disk drive to raspberry pie (use SSH or U disk

media to mount)

5. Extract the file and start the installation.

Change Permissions :

sudo chmod 777 LCD_show_35hdmi.tar.gz

Unzip File:

tar -xzvf LCD_show_35hdmi.tar.gz

Enter folder:

cd LCD_show_35hdmi

Upgrade and update the system first (optional):

sudo apt-get update

Backup data (optional):

sudo ./LCD_backup

Install driver :

Resolution 480*320: sudo ./LCD35_480*320

Resolution 720*480 : sudo ./LCD35_720*480

Resolution 810*540: sudo ./LCD35_810*540

After a while, the system will install the driver and restart automatically

If you want to reuse the system before installation, you can use the command:

sudo ./LCD_restore

Note: before you update the system for use, you must use the following command:

sudo apt-mark hold raspberrypi-kernel(Lock the kernel and keep the driver unchanged)

sudo apt-mark hold raspberrypi-bootloader*(Lock resolution does not change)*

Then use the following command:

sudo apt-get update

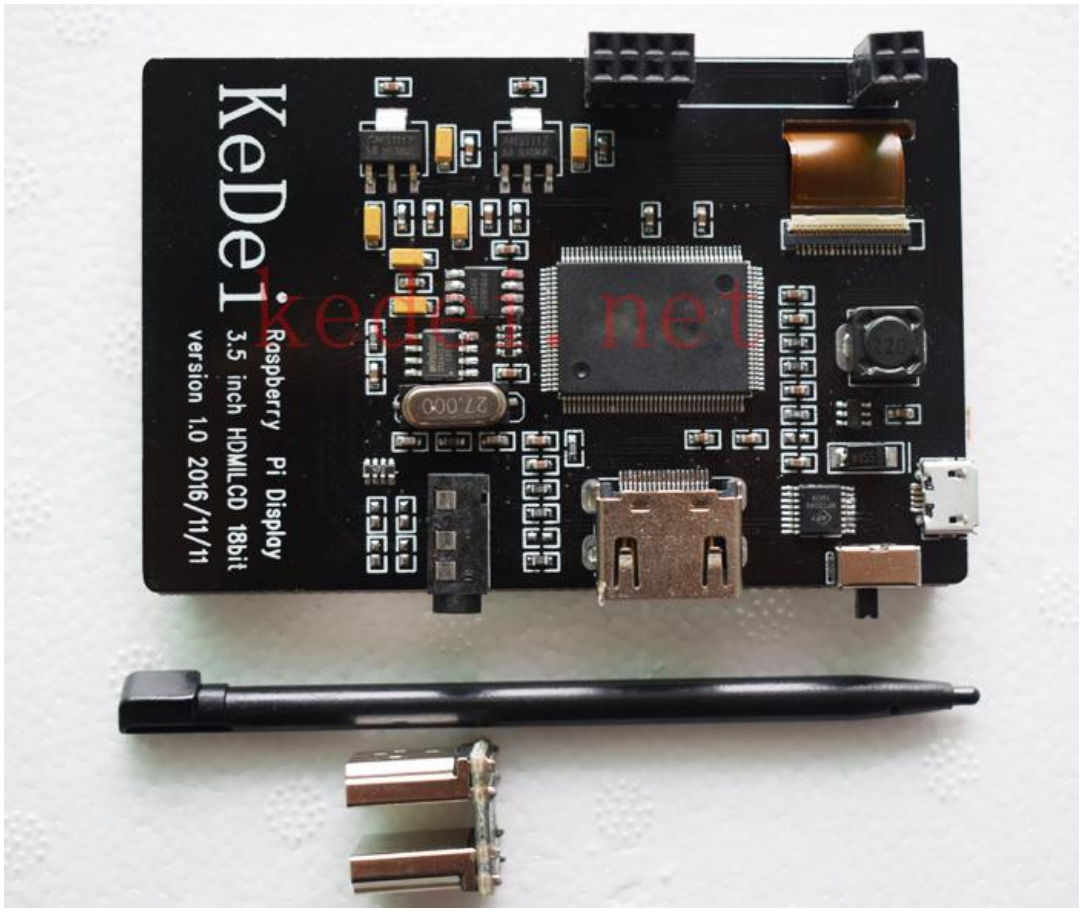
sudo apt-get upgrade

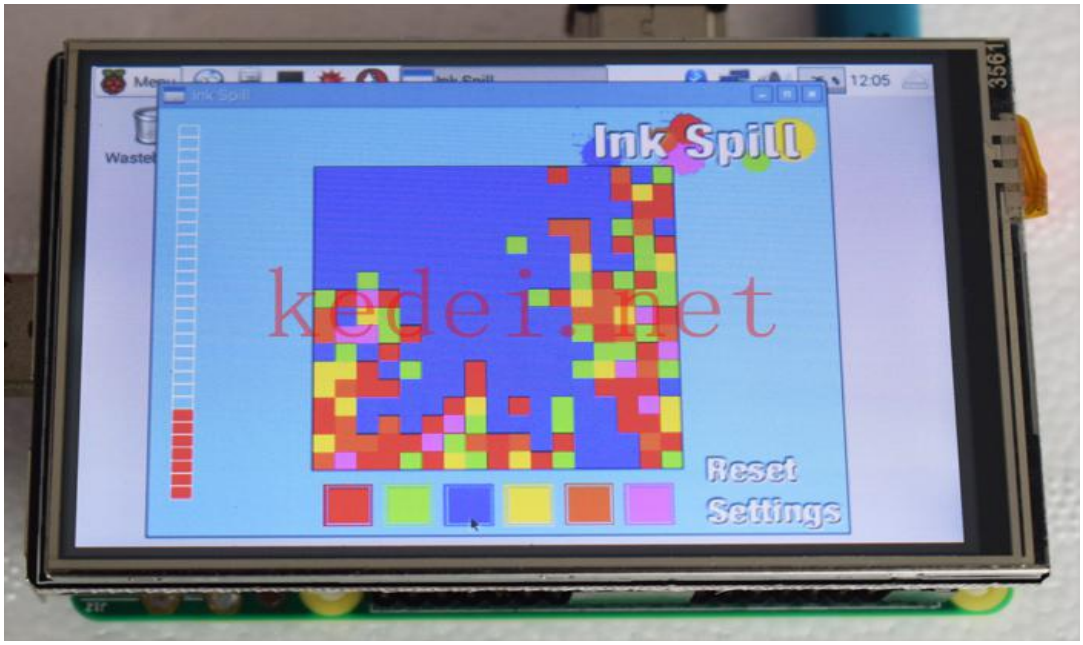
sudo apt-get dist-upgrade (This command upgrade is not recommended. The update is up-to-date, but it may be unsafe)

Otherwise, it may fail after restarting

Pin defination

PIN	Function
1	NC
2	5V
3	NC
4	5V
19	MOSI
20	GND
21	MISO
22	TP_IRQ
23	SCLK
24	TP_CS
25	GND
26	NC
Other	NC


KeDei
Raspberry Pi Display
3.5 inch HDMILCD 18bit
version 1.0 2016/11/11
27.000


Ink Spill
12:05
Reset
Settings