5 inch (with TS) screen Resolution Setting Tutorial

How to set resolution in Raspberry Pi?

1. Download Raspbian image and burn your TF card by win32_disk_imager or other tools.
2. Login to your Raspberry Pi and edit /boot/config.txt file, make sure it has following parameter:

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framebuffer_width=800

framebuffer_height=480

hdmi_force_hotplug=1

hdmi_group=2

hdmi_mode=87

hdmi_cvt 800 480 60 6 0 0 0

device_tree=bcm2710-rpi-3-b.dtb

dtoverlay=ads7856,penirq=22,speed=100000,xohms=150

dtparam=spi=on

PS: Please change “device_tree” type according to your Raspberry Pi’s version as following list:

bcm2708-rpi-b-plus.dtb → Raspberry Pi B+

bcm2708-rpi-b.dtb → Raspberry Pi B

bcm2709-rpi-2-b.dtb → Raspberry Pi 2 mode B

bcm2710-rpi-3-b.dtb → Raspberry Pi 3 mode B

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3. Reboot your Raspberry Pi and have fun.
4. Attention: There will be blank space on the right of the screen, all you need is to adjust your resolution and reboot your Pi.

For Technology Support:

http://wiki.52pi.com