seeed studio

INDUSTRIAL PRODUCT DATASHEET

5 inch 800x480 Capacitive TouchScreen

5 inch 800x480 Capacitive TouchScreen: driver-free HDMI touchscreen with multi-touch support for Raspberry Pi, BeagleBone Black, Windows, and Mac.

SKU	UPDATED	PRICE
104990342	2026-06-10 12:18:35	$75.00(Excl. VAT)



Overview



The 5 inch 800x480 Capacitive TouchScreen is an HDMI monitor with a driver-free capacitive touch screen, plug-and-play on Raspberry Pi, BeagleBone Black, Windows 10, and MacBook Pro. It supports up to 10-point multi-touch on Windows 10 and features an ultra-low-power backlight.

Key Features

This is our brand new product, it is a fantastic HDMI monitor with capacitive touch screen and driver free. It's been tested on Raspberry Pi, beagle bone black, windows 10 and Mac book pro. And it works well on those platform and it really plug and play, all you need to do is to adjust the resolution(on RaspberryPi).

It supports 800x480 resolution and you may find that the pictures are more bright when you are using this display. The capacitive touch function give the user full control over any device. It's driver free for your device due to built-in EDID device information, it is very easy to let the equipment correctly identified the touch screen. And the Capacitive USB touch screen can support functions of the right mouse button and drag and drop, and also support multipoint touch, maximum 10 points.(only test in windows 10)

For use with a Raspberry Pi we suggest editing config.txt to set the HDMI to the native 800x480 in case it doesn't detect the resolution properly.

The easiest way to edit the config.txt is to put the Pi TF card into an every day computer and edit config.txt with any text editor and save.

Features

- Resolution up to 800 x 480
- USB Capacitive touch control
- Free-driver, Plug and Play
- Supports Raspbian, Ubuntu Mate, NOOBS with RaspberryPi
- Supports Debian, Angstrom with BeagleBone
- Supports Windows / Ubuntu / Mac with PC
- Supports Intel-Processor Base MiniPC
- ULP (Ultra Low Power) consumption backlight

FAQ

If you can not see anything when it attached to your device, please make sure that the HDMI wire is work properly and your device's resolution is changed to 800x480, If you see this picture, means that you need to change the resolution to 800x480 on your output device.

If you are using Raspberry Pi, you can change resolution by this steps:

Login to your Raspberry Pi and edit /boot/config.txt file, make sure it has following parameter:

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

Save it and reboot your system.

If touch screen is out of work please make sure you connect the Display's MicroUSB to your device (PC, Raspberry Pi, Beagle bone black etc.)

We are not sure it can work at android system due to it dose not test in android OS yet.

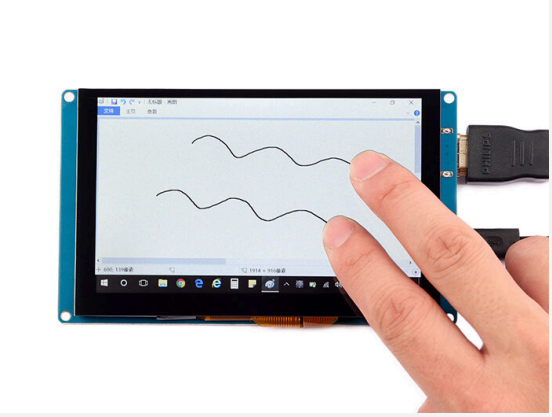
If you find that the screen is blur when you connect it to your device, please check the FPC cable on the back of driver board, it may loose when it was shipping to you. Just pull out the block of the FPC cable and put the FPC wire into it and make sure it fasten tightly and retry it again. Please take care of this cabin cable, it's connect to the board and send the touch screen data to the chip on the board.

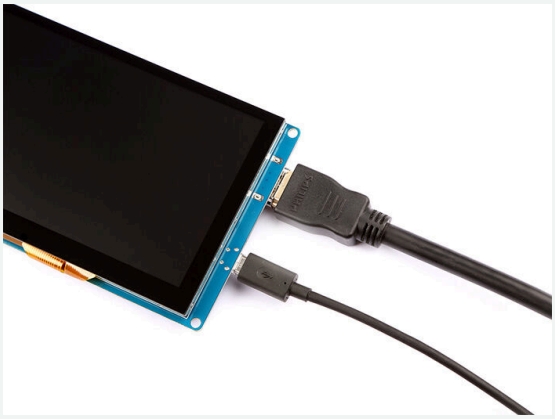
Applications

If you are willing to know more information about Raspberry Pi display, please view the table as follow.

Product Gallery











Part List

5 Inch Capacitive HDMI Display	1
User Manual	1

Compliance & Logistics



HSCODE	8548900030
USHSCODE	8528520000
UPC	841454120209
EUHSCODE	8531202090
COO	CHINA

Resource Links

- https://www.seeedstudio.com/5-inch-800x480-Capacitive-TouchScreen.html
- 5 inch 800x480 Capacitive TouchScreen 3D File

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