10.1inch HDMI LCD

From Waveshare Wiki

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10.1inch HDMI LCD
1024×600
10.1inch Resistive Touch Screen LCD, HDMI interface, Designed for Raspberry Pi
Primary Attribute
Category: OLEDs / LCDs, Raspberry Pi LCD
Brand: Waveshare
Website
English: Website (http://www.waveshare.com/10.1inch-hdmi-lcd.htm)
Chinese: 官話 (http://www.waveshare.net/shop/10.1inch-hdmi-lcd.htm)
Onboard Interfaces
RPi I/Os · HDMI

Introduction

10.1inch Resistive Touch Screen LCD, HDMI interface, Designed for Raspberry Pi

More (http://www.waveshare.com/10.1inch-hdmi-lcd.htm)

About LCD Version

Since from December 2017, The display of 10.1inch HDMI LCD has been updated to RTD2660 instead of TFP401.

The new version improves the compatibility with various device. New version has 5 Keys on the backside, user could use them to change the brightness and contrast ratio of LCD.

New RTD2660 version could replace the old TFP401 version in most situation. If you want the old version, please kindly contact us. To differentiate these two version, you can refer to the pictures below, the left is the new one, RTD2660 version, and the right is TFP401 version.

User Manual

- 10.1inch HDMI LCD (Old TFP401 Version) User Manual
- 10.1inch HDMI LCD (New RTD2660 Version) User Manual

Resource

Driver

If the touch screen doesn't work properly, please install the driver: LCD-show-171219.tar.gz, but not LCD-show-161112.tar.gz.

- LCD-show-171219.tar.gz (network connection is required while installing)
- LCD-show-161112.tar.gz (http://www.waveshare.com/w/upload/4/4b/LCD-show-161112.tar.gz)

LCD Panel Dimension

- 10.1inch HDMI LCD panel dimension (http://www.waveshare.com/w/upload/e/e6/10.1inch-hdmi-lcd-panel-dimension.pdf)

Software

- Panasonic SDFormatter (http://www.waveshare.com/w/upload/d/d7/Panasonic_SDFormatter.zip)
- Win32DiskImager (http://www.waveshare.com/w/upload/7/76/Win32DiskImager.zip)
- PuTTY (http://www.waveshare.com/w/upload/5/56/Putty.zip)

Image

Description: if you felt hard to install driver, try the image with driver pre-installed.

- RPi-101inch-HDMI-LCD-GPIO-Touch-1024x600-Raspbian-171202.7z (https://drive.google.com/open?id=1C7b3YVQEmViDQlmTjrIhvDjfNou66XlF)

LCD Panel Dimension

- 10.1inch HDMI LCD panel dimension (http://www.waveshare.com/w/upload/e/e6/10.1inch-hdmi-lcd-panel-dimension.pdf)

FAQ

Question:
Why does the touchscreen not work well?

Answer: [Collapse]

Now, we only provide touch screen drivers for Raspbian and Ubuntu Mate. How to install the driver? See:#Method_1._Driver_installation

Question:
Why does the image in the CD not work on my Pi?

Answer: [Collapse]

- The image in the CD may differ depending on batches, however, some Images are just available for Pi 2 (or before, but not for Pi 3). In such cases you can download the latest version from Raspberry Pi website (https://www.raspberrypi.org/downloads/raspbian/) and install the driver. See:#Method_1._Driver_installation
- Make sure the hardware connection is correct and connects fine.
- Make sure you've written the image to your SD card using the software File:Win32DiskImager.zip rather then just copy and paste.
- It is strongly recommended to use a stand-alone 5V/2A power adapter, because the USB port of PC might not have enough power to support the Pi and LCD.

Question:

What are the power requirements?

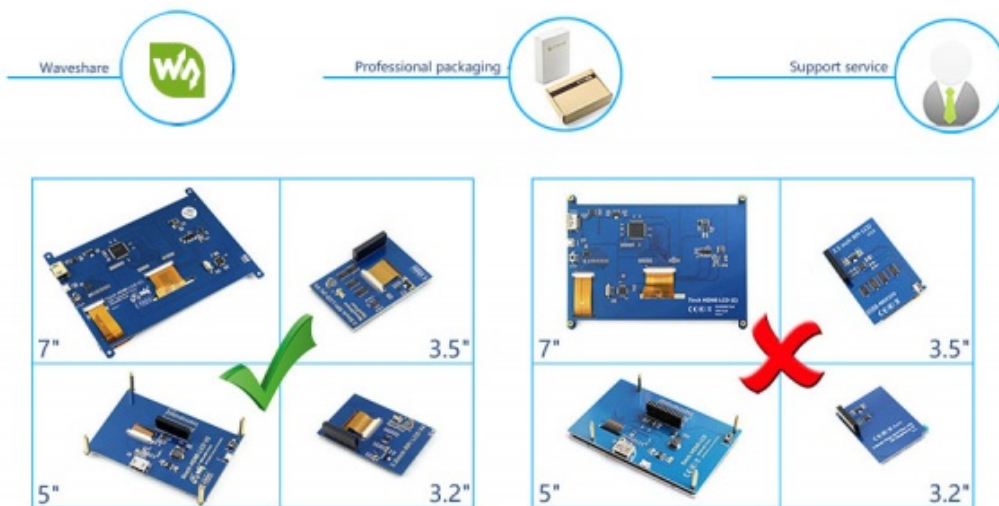**Answer:**   [Collapse]

When working with 5V input, the current is about 550mA with back light on and 100mA with back light off.

Anti-Piracy

Since the first-generation Raspberry Pi released, Waveshare has been working on designing, developing, and producing various fantastic touch LCDs for the Pi. Unfortunately, there are quite a few pirated/knock-off products in the market. They're usually some poor copies of our early hardware revisions, and comes with none support service.

To avoid becoming a victim of pirated products, please pay attention to the following features when purchasing:

(Click to enlarge (http://www.waveshare.com/w/upload/6/6d/RPi-LCD-Anti-Piracy-I.jpg))

Support

Contact your seller (fast response and most recommended)

or send emails to **service@waveshare.com** (not fast enough but please be patient) for help.

Our working time: 09:00-18:00 (**UTC+8** Monday to Saturday)

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