summary

This is a 5-inch raspberry pie LCD touch screen with resolution of 800 * 480 and display area of 108x64.8mm. It supports raspberry pie DSI display interface, with capacitive touch panel and 5-point touch. The unique hole design on the back can directly install raspberry pie. The display screen adopts raspberry pie power supply design, without external power supply.

characteristic

- Capacitive touch screen with 5 touch
- raspberry pie DSI direct drive
- technical specifications

technical specifications

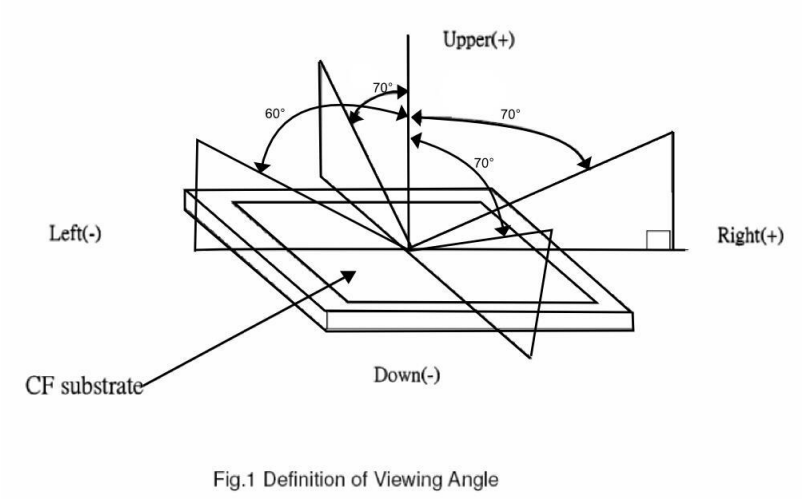


Fig.1 Definition of Viewing Angle

Working voltage: 3.3V (provided by raspberry pie display interface)

Maximum working current: 320mA

screen current: 100mA

Screen resolution: 800 * 480

Video interface: Raspberry pie DSI

Touch points: 5 points

Visual angle: 60 ° / 70 ° / 70 ° / 70 °

Rgb888-16 MB true color

Refresh frequency: 60Hz

Luminous rate: 280 CD / m2

Operating temperature: - 20 ℃ - 70 ℃

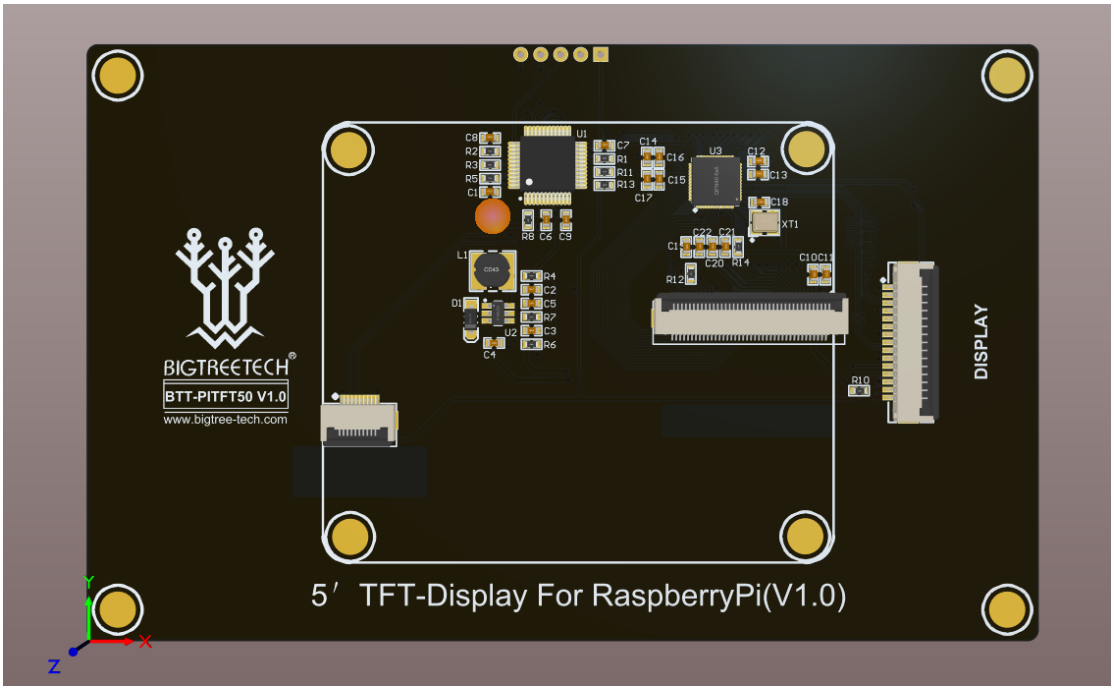
Overall dimensions: 121mm x 76mm

Mounting hole size: M2.5

Location of outer mounting hole: 113mm x 68mm

Location of inner mounting hole: 58mm x 49mm

Interface description

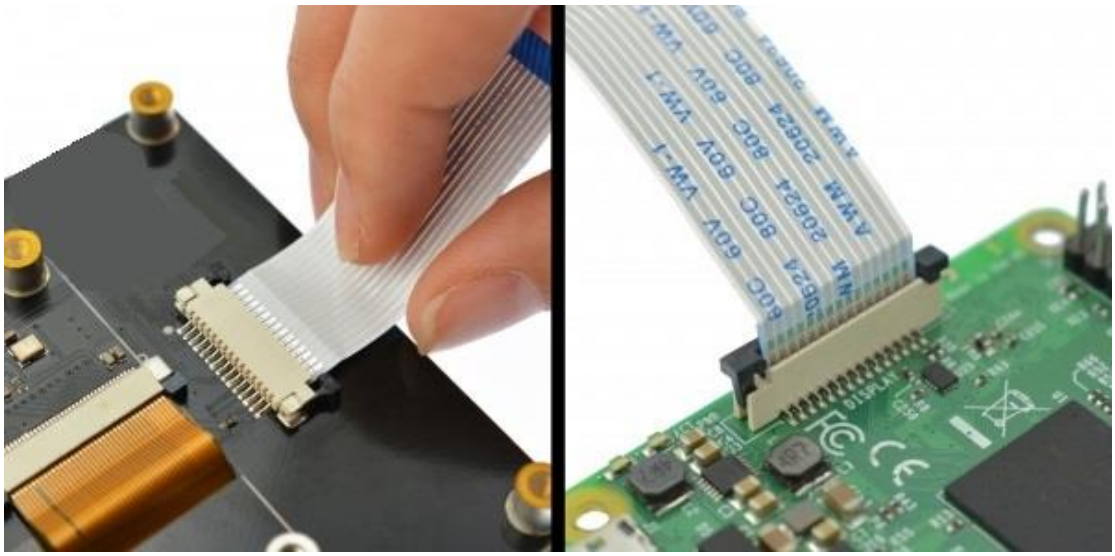


- The display interface is connected to the display interface of raspberry pie through FPC cable

Using the tutorial

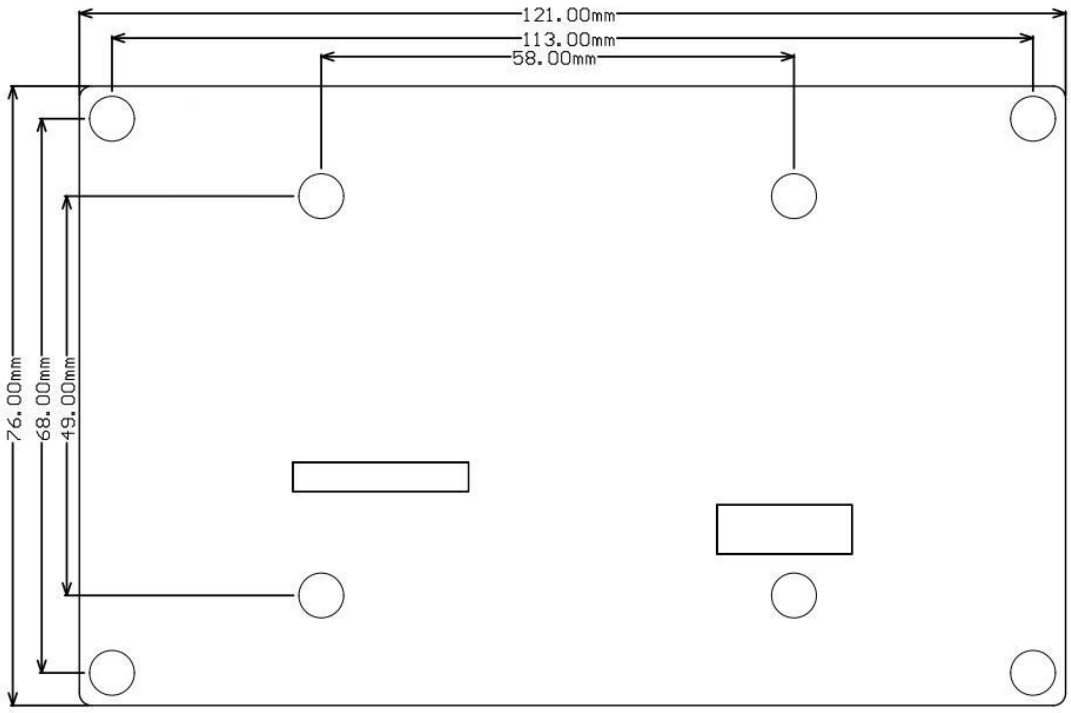
The first step is to insert the SD card with raspberry pie system into raspberry pie.

Second, connect the display interface of the 5-inch touch screen with the display interface on raspberry pie through the FPC cable provided.



Step three: power up the raspberry pie, and you can use the 5-inch touch screen.

Dimensional drawing



common problem

Q: after connecting raspberry pie, I find that the touch screen is particularly insensitive and slow to respond. What should I do?

A:

1. Please check the power supply of raspberry pie. When using the screen, it needs at least 1.5A power supply;

2. See raspberry pie tutorial for correct resolution settings.