MPI3508 3.5" HDMI LCD 快速入门

用于树莓派

1. MPI3508 用于树莓派时先按照图片连接硬件

排针面右对齐插好

HDMI 面插上 HDMI 连接头

HDMI 连接头
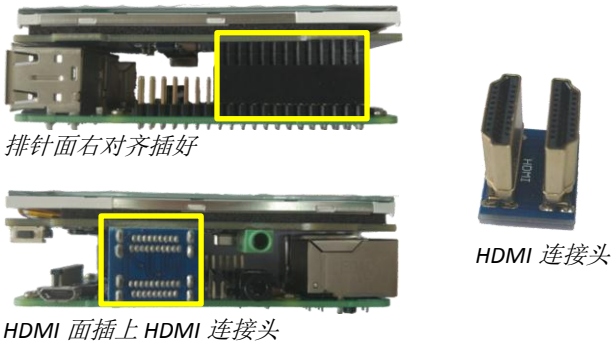
2. 烧录资料中带的树莓派镜像到 SD 卡中
3. 接上树莓派电源即可正常工作

用于 HDMI 通用显示器

MPI3508 用于其他场景 HDMI 显示时，只需要连接 HDMI 接口，并对模块供电即可。

支持 480*320~1920*1080 之间任意分辨率输入，自适应调整。

注：MPI3508 自带按键可以控制背光，功能如下：

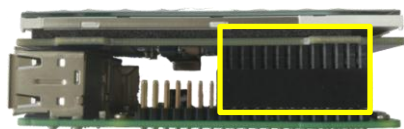| 动作	效果	说明
短按一下	背光亮度增加 10%	到达 100%后再按一下会从 1%开始
长按 3 秒	背光关闭	长按超过 3 秒并松开背光关闭

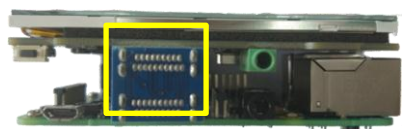**注意事项**：鉴于屏幕尺寸较小，建议模块工作在 480*320、800*480、800*600 等较低分辨率，高分辨率显示效果不佳。同时屏幕发热量随着分辨率增加而上升。

MPI3508 3.5" HDMI LCD quick start

Working with Raspberry Pi

1. Connect the hardware as the following picture showed:

Connect and align right the connector

Connect the HDMI by using HDMI connector

HDMI connector

2. Download the .img file that in DVD into TF card
3. Connect the power supply, and then LCD module is working

Work as HDMI displayer

When MPI3508 work as HDMI displayer, only HDMI signal and power supply is required. And resolution of HDMI source can be from 480*320 to 1920*1080.

NOTE: The key on MPI3508 can be used as backlight adjust, and function description as follow:

Press	Action	Note
short	Increase the backlight by 10% step	Backlight should be begin from 1%
Long	Backlight close	Backlight closed when key is pressed up to 3s

NOTE: We highly recommend you let MPI3508 working in a low resolution such as 480*320, 800*480, 800*600 because of the small LCD size. And high resolution should not get a good looking in 3.5" LCD module
By the way, MPI3508 should be heated if it works in high resolution.