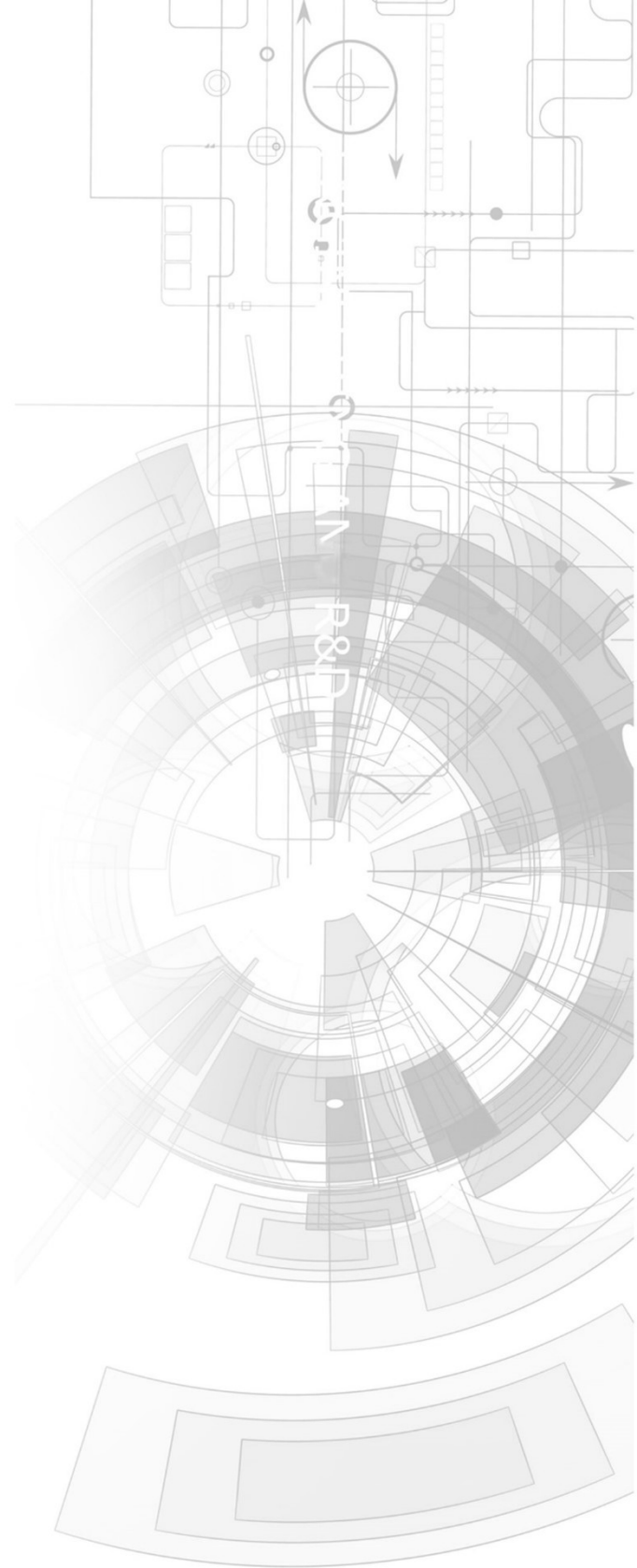


4DPi-24-HAT



Datasheet

Revision 1.22

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1. Description

The 4DPi-24-HAT is a 2.4" 320x240 Primary Display HAT for the Raspberry Pi, which plugs directly on top of a Raspberry Pi and displays the primary output which is normally sent to the HDMI or Composite output. It features an integrated Resistive Touch panel, enabling the 4DPi-24-HAT to function with the Raspberry Pi without the need for a mouse.

Communication between the 4DPi-24-HAT and the Raspberry Pi is interfaced with a high-speed 48Mhz SPI connection, which uses an onboard processor for direct command interpretation and SPI communication compression, and features a customised DMA-enabled kernel.

The 4DPi-24-HAT is designed to work with the Raspberry Pi Operating System (previously named Raspbian) running on the Raspberry Pi, as that is the official Raspberry Pi operating system. It is also compatible with Stretch.

The 4DPi-24-HAT is powered directly off the Raspberry Pi's 40-way Header, and the 2.4" Touch Screen allows effortless interaction with the Raspberry Pi Operating System.

Note

Raspberry Pi is a trademark of the Raspberry Pi Foundation, and all references to the words 'Raspberry Pi' or the use of its logo/marks are strictly about the Raspberry Pi product, and how *this* product is compatible with but is not associated with the Raspberry Pi Foundation in any way.

