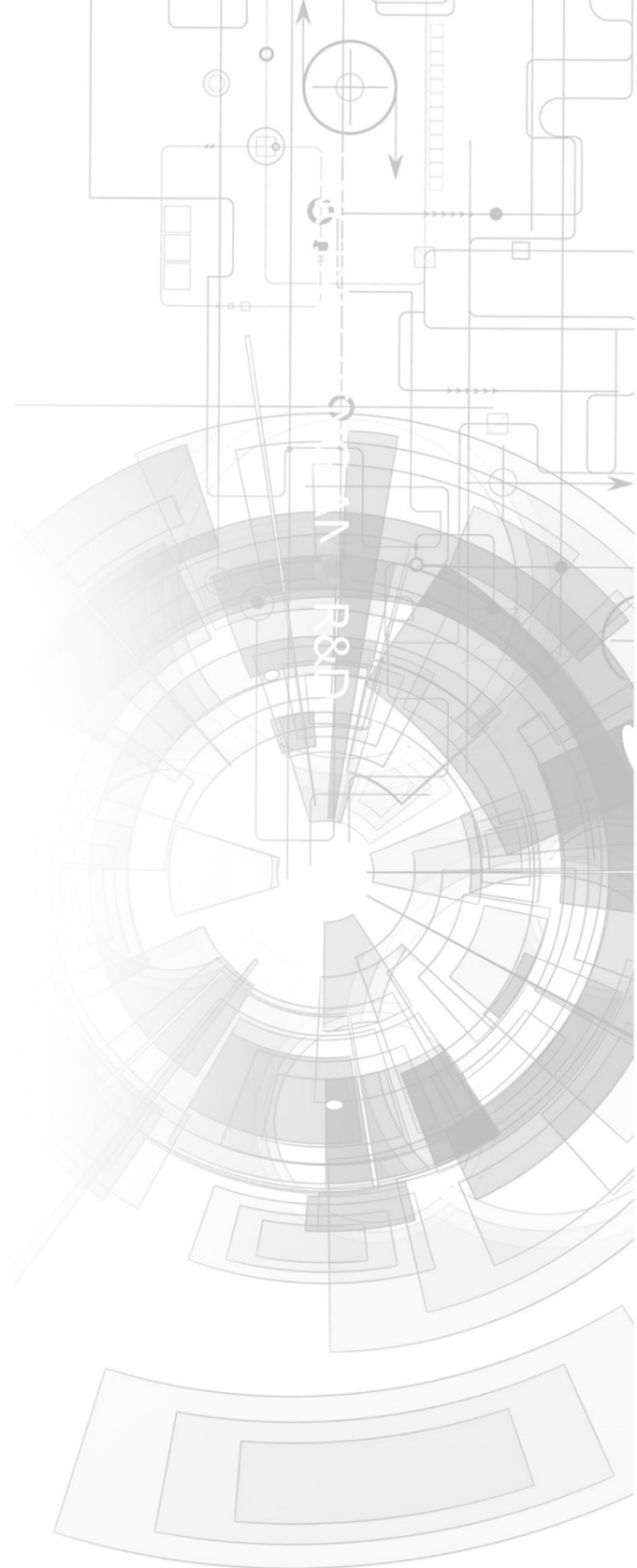


4DPi-32-II



Datasheet

Revision 2.19

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1. Description

The 4DPi-32-II (Revision 2.x Hardware) is a 3.2" Primary Display for the Raspberry Pi, which plugs directly on top and displays the primary output like what is normally sent to the HDMI or Composite output. It features an integrated Resistive Touch panel, enabling the 4DPi-32-II to function with the Raspberry Pi without the need for a mouse.

Communication between the 4DPi-32-II 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. This combination allows this display to output 25FPS when displaying a typical image/video and can achieve higher depending on if the image can be compressed.

The 4DPi-32-II 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 Pixel.



Note

- 4DPi-32-II Hardware states 4DPi-32 as the part number but is identifiable as the HW Rev of the PCB is 2.0 or above.
- 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.