2.13" 250×122 ePaper Display HAT für Raspberry Pi

Order number:	RPI-EINK21
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	85285900
Gewicht:	0.027 kg

Übersicht

This is an E-Ink display HAT for Raspberry Pi, 2.13inch, 250x122 resolution, with embedded controller, communicating via SPI interface, supports partial refresh.

Due to the advantages like ultra low power consumption, wide viewing angle, great effect under sunlight, it is an ideal choice for applications such as shelf label, industrial instrument, and so on.

Eigenschaften

- No backlight, keeps displaying last content for a long time even when power down
- Ultra low power consumption, basically power is only required for refreshing
- Compatible with Raspberry Pi 2B/3B/Zero/Zero W
- Preserved solder pads for SPI interface, for connecting with other controller boards like Arduino/Nucleo, etc.
- Comes with development resources and manual (examples for Raspberry Pi/Arduino/STM32)

Spezifikationen

- Operating voltage: 3.3V
- Interface: SPI
- Outline dimension: 65mm × 30.2mm
- Display size: 23.71mm × 48.55mm
- Dot pitch: 0.194 × 0.194
- Resolution: 250 × 122
- Display color: black, white
- Grey level: 2
- Partial refresh time: 0.3s
- Full refresh time: 2s
- Refresh power: 26.4mV(typ.)
- Standby power: <0.17mV

- Viewing angle: >170°

Interface

SYMBOL	DESCRIPTION
VCC	3.3V
GND	Ground
NC	NC
DIN	SPI MOSI pin
CLK	SPI SCK pin
CS	SPI chip selection, low active
DC	Data/Command selection (high for data, low for command)
RST	External reset, low active
BUSY	Busy status output, low active

Lieferumfang

- 2.13inch e-Paper HAT
- RPi screws pack (2pcs)
- 9-pin 2.54 pitch SMD pinheader

Dokumentation / Downloads

- http://www.waveshare.com/wiki/2.13inch_e-Paper_HAT

Weitere Bilder:

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Unit:mm