

INDUSTRIAL PRODUCT DATASHEET

13.3" spectra™ 6 E-Ink / ePaper Display with 1200x1600 Pixels, SPI interface, Support XIAO/Arduino

The 13.3 inch spectra™ 6 e Paper Display offer a high-quality, low-power solution for a wide range of applications. The model features a 1200 x 1600 resolution, black, white, yellow, red, green and blue display with a diagonal size of 13.3 inches. With a fast refresh rate and excellent contrast, this display is ideal for e-readers, smart wearables, and other portable devices.

SKU

100088646

UPDATED

2026-05-07 01:02:34

PRICE

\$149.00(Excl. VAT)



Overview



Figure 1. 100088646 13.3 Elnk Spectra 6 Color Display

The 13.3 inch spectra™ 6 e Paper Display offer a high-quality, low-power solution for a wide range of applications. The model features a 1200 x 1600 resolution, black, white, yellow, red, green and blue display with a diagonal size of 13.3 inches. With a fast refresh rate and excellent contrast, this display is ideal for e-readers, smart wearables, and other portable devices.

Key Features

01

Vibrant Spectra™ 6 Technology Display

Showcase black, white, yellow, red, green and blue colors more than just black and white, resulting in striking visuals and clear information.

02

Ultra-LowPowerConsumption

The ePaper consumes power only during updates, resulting in longer battery life and greater energy efficiency.

03

Plug&Play with XIAO ePaper Driver Board

Optimized for the XIAO ePaper Display Board EE02, powered by the XIAO ESP32-S3 Plus, featuring a reserved battery connector and user button to accelerate prototyping and project development.

04

Wide Range of Applications

Well-suited for applications such as electronic photo album, conference room signage, logistics tracking boards, and IoT dashboards, where high visibility, multi-color display, and low power consumption make a real impact.

05

How Spectra™ 6 works

Product Gallery



Figure 1. 100088646 13.3 Elnk Spectra 6 Color Display



Figure 2. 100088646 13.3 Elnk Spectra 6 Color Display



Figure 3. 100088646 13.3 Elnk Spectra 6 Color Display



Figure 4. 100088646 13.3 Elnk Spectra 6 Color Display 2

Specification

Parameter: Description

Parameter	Description
Type	Dot Matrix
Size	13.3 inch
Active Area(mm)	202.8 (H) x 270.4 (V)
Resolution	1200(H) x 1600(V)
Pixel Pitch(mm)	0.169 x 0.169
Display Color	Black, White, Yellow, Red, Green and Blue
Interface	SPI
Connector	60 Pin FCP, 0.5mm Pitch
Driver Mode	Support XIAO/Arduino/MicroPython
Drawing	Support GUI Drawing
Outline Dimension(mm)	208.8 (H) x 284.7 (V) x 0.85(D)

Visual Reference



Figure 1. MTY4ODg1NzExOTcwMjg1OQ 102678
4ECbDCMBDxTQJ0cN 1770169267

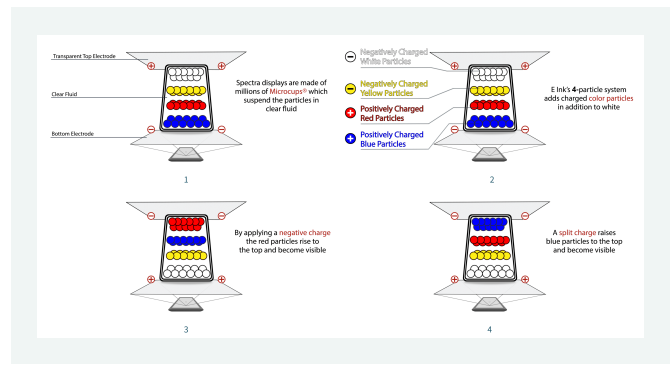


Figure 2. MTY4ODg1NzExOTcwMjg1OQ 51979 TiyTwCOns qbB9SX
1757926069

Hardware Overview

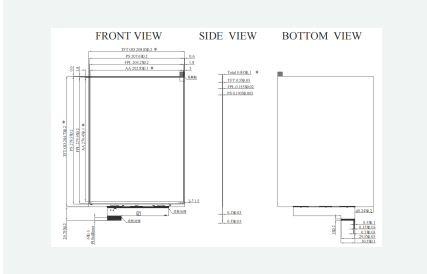


Figure 1. MTY4ODg1NzExOTcwMjg1OQ 10570 DGr99y YQzyLkXKV 1758247616

Applications

Reading equipment

Retail shelf labels

Conference room signage

logistics tracking boards

Smart home dashboards



2.13" Quaduple Color ePaper Display

Figure 1. MTMxMDI3MDAxNTE5NDIzOTk 420753 OfluzajOmnmnSY8J 1757926665



2.13" Flexible Monochrome ePaper Display

Figure 2. MTY4ODg1NzExOTcwMjg1OQ 496948 CQ S 65AepvFOT3R 1757927058

Product	Name	Resolution	Display Color	Partial Refresh	SenseCraft HMI
	1.54" Monochrome ePaper Display	200x200			
	2.13" Monochrome ePaper Display	250x122			
	2.13" Quaduple Color ePaper Display	250x122			
	2.13" Flexible Monochrome ePaper Display	212x104			

	2.9" Flexible Monochrome ePaper Display	296x128			
	2.9" Monochrome ePaper Display	296x128			
	2.9" Quadruple Color ePaper Display	296x128			
	4.2" Monochrome ePaper Display	400x300			
	4.26" Monochrome ePaper Display	800x480			
	5.83" Monochrome ePaper Display	648x480			
	7.3" Spectra™ 6 Color ePaper Display	800x480			
	7.5" Monochrome ePaper Display	800x480			
	10.3" Monochrome ePaper Display	1404x1872			
	13.3" Spectra™ 6 Color ePaper Display	1600x1200			

Part List

13.3-inch spectra™ 6 ePaper Display	x1
60Pin Adapter	x1
60Pin FFC Extension Cable	x1

Compliance & Logistics

HSCODE	8524999010
USHSCODE	8524119000
UPC	
EUHSCODE	8471707000
COO	CHINA

Logistics	Value
ECCN	EAR99
HSCODE	8524999010
USHSCODE	8524119000
EUHSCODE	8471707000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/13-3inch-Six-Color-eInk-ePaper-Display-with-1200x1600-Pixels-p-6569.html>
- [13.3" E6 eInk Display module Datasheet](#)
- [PCN-ePaper Display Series Upgrade v1.0.pdf](#)

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com