seeed studio

INDUSTRIAL PRODUCT DATASHEET

2.13" Flexible Monochrome eInk / ePaper Display with 212x104 Pixels, SPI interface, Support XIAO/Arduino/STM32

The 2.13 inch E-paper Display is a flexible substrate-based display with a 212x104 pixel active area and 1-bit white/black full display capabilities.

SKU	UPDATED	PRICE
104990847	2026-11-11 09:46:14	$11.90(Excl. VAT)



Overview



The 2.13 inch E-paper Display is a flexible substrate-based display with a 212x104 pixel active area and 1-bit white/black full display capabilities. It features high contrast, ultra-low power consumption, and pure reflective mode.

Key Features

01 **Exceptional Readability**

The display's reflective properties ensure effortless legibility of text and images in different lighting environments.

02 **Ultra-Low Power Usage**

The E-paper only consumes power during updates, leading to prolonged battery life and efficient energy use.

03 **Wide Viewing Angles**

Greater than 170 degrees, unaffected by light direction.

04 **Flexibility and Portability**

Allowing bending and curling for versatile applications.

05 **Eye-Friendly and Heat-free**

Eliminate glare, providing a comfortable viewing experience while remaining cool without generating heat

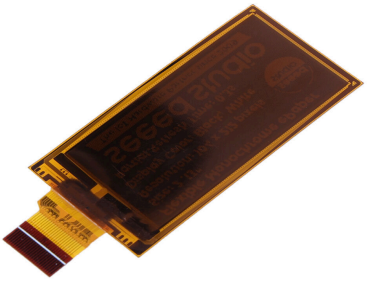
06 **What is an E-Paper?**

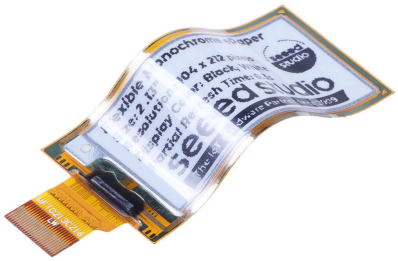
07 **Advantages Over Traditional Displays**

Product Gallery











Applications

- Reading equipment
- Mobile device
- Electronic tags and price tags
- Smart Wearables
- Electronic Shelf Labels
- Smart Card

Resource Links

- https://www.seeedstudio.com/2-13-Flexible-Monochrome-ePaper-Display-with-212x104-Pixels-p-5781.html
- EN-Image_to_EPD_Instruction_Manual.pdf
- GDEW0213I5FD Arduino Sample Code.zip
- GDEW0213I5FD ESP32 Sample Code.zip
- GDEW0213I5FD ESP8266 Sample Code.zip
- GDEW0213I5FD STM32 Sample Code.zip
- GDEW0213I5FD.pdf
- IC Driver UC8151D.pdf
- Slave Computer Software-Image to EPD V3.6.zip
- PCN-104990847 2.13 Flexible Monochrome eInk Display v1.0

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