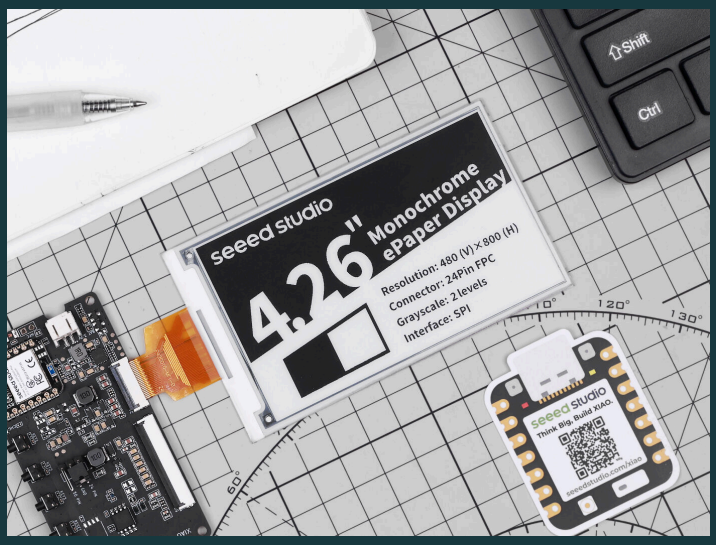
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INDUSTRIAL PRODUCT DATASHEET

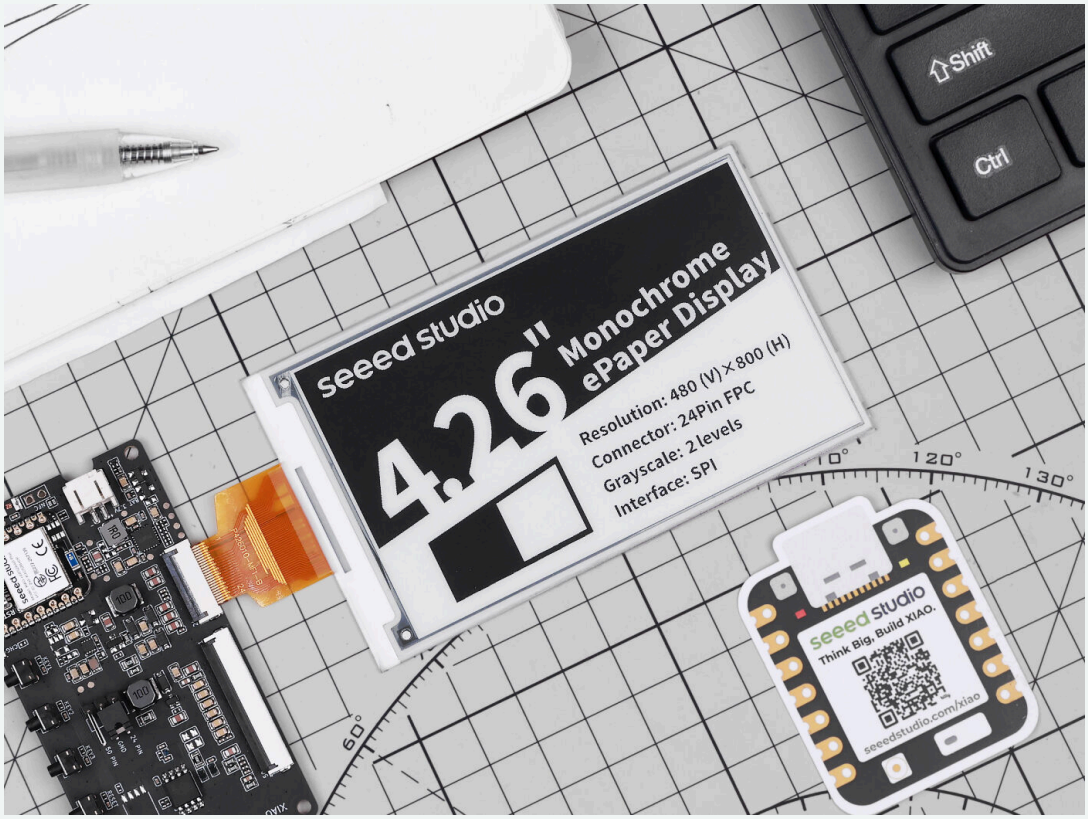
# 4.26" Monochrome ePaper Display with 800x480 Pixels, SPI interface, Support XIAO/Arduino

4.26" Monochrome ePaper Display with 800x480 pixels, SPI interface, XIAO/Arduino support, and ultra-low-power, eye-friendly readability for applications like reading equipment, mobile devices, electronic tags, smart...

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 114993631 | 2026-10-23 02:42:25 | $15.90(Excl. VAT) |



# Overview




This 4.26" Monochrome ePaper Display with 800x480 Pixels and SPI interface supports XIAO/Arduino and works seamlessly with standard 40-pin driver boards, including recommended XIAO ePaper Display Board EE04 or EE05. It offers exceptional readability, ultra-low power consumption, and eye-friendly, heat-free operation, with easy customization via the no-code SenseCraft HMI platform.

# Key Features

- **Plug & Play with XIAO ePaper Driver Boards:** Natively compatible with a range of 24-pin ePaper displays via the **ePaper Display Board**, these ready-to-use controller boards offer features such as an optional battery connector and a user button to accelerate prototyping and project development.
- **Exceptional Readability:** The display's reflective properties ensure effortless legibility of text and images in different lighting environments.
- **Ultra-Low Power Consumption:** The ePaper consumes power only during updates, resulting in longer battery life and greater energy efficiency.
- **Eye-Friendly and Heat-free:** Eliminate glare, providing a comfortable viewing experience while remaining cool without generating heat.

## Seamless Setup and Customization for Your ePaper Display

This ePaper display is designed to work seamlessly with any standard 40-pin driver board. We recommend the **XIAO ePaper Display Board EE04** or **XIAO ePaper Display Board EE05**.

To make things even easier, we're introducing **SenseCraft HMI**—a no-code, AI-powered platform that allows you to quickly design and customize your user interface. Drag and drop elements, choose templates, or let AI generate the perfect layout for you.Get started today and create your ideal display experience with ease!

# Product Gallery



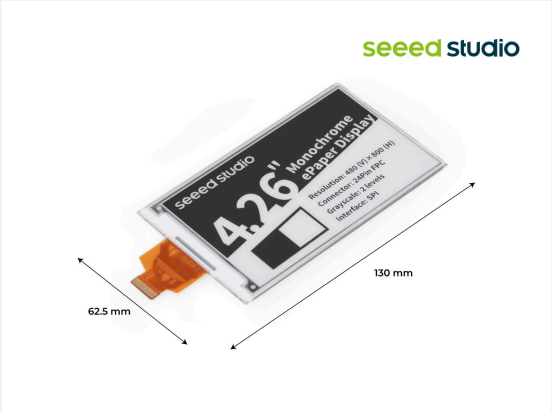










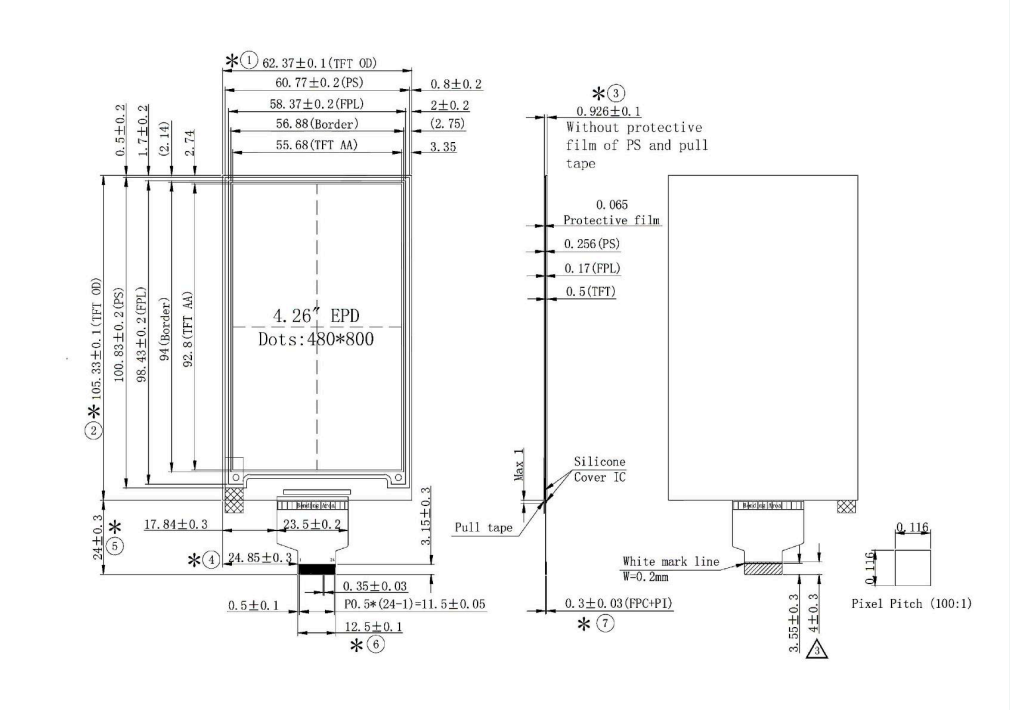



## Specification

| Parameters | Details |
|---|---|
| Driver IC | SE8350 (SSD1677) |
| Type | Dot Matrix |

| | |
|---|---|
| Size | 4.26 inch |
| Active Area(mm) | 92.8 x 55.68 |
| Resolution | 800 x 480 pixels |
| Pixel Pitch(mm) | 0.116 x 0.116 |
| Display Color | Black, White |
| Max Grayscale | 2 |
| Interface | SPI |
| Connector | 24 Pin FPC, 0.5mm Pitch |
| Viewing Angle | >170° |
| Operating Voltage | 3.3V |
| Operating Temperature | 0-50°C |
| Driver Mode | Support XIAO/Arduino/Micropthon |
| Drawing | Support GUI Drawing |
| Power Consumption | 26.4mW (typ.) |
| Standby Consumption | 0.0066mW |
| Outline Dimension(mm) | 105.33 x 62.37 x 0.926 |
| Weight | 3.2g |

# Hardware Overview



# Applications

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

| **Product** | | | | | | |
|---|---|---|---|---|---|---|
| Processor | XIAOESP32-S3 Plus | XIAOnRF52840 Plus | XIAOESP32-S3 Plus | XIAOnRF52840 Plus | N/A(Compatible with XIAO Series) | |
| Compatible Displays | 24 Pin ePaper | 24 Pin ePaper50 Pin ePaper | 24 Pin ePaper | | | |
| Battery Connector | JST 2.0mm | JST 2.0mm | JST 2.0mm | / | | |
| Battery Power ON/OFF | √ | √ | √ | / | | |
| Button | 1x Reset,3x User | 1x Reset,3x User | / | | | |
| Extension IO Port | √ | / | √ | | | |
| SenseCraft HMI | √ | / | √ | / | / | |

| **Product** | **Name** | **Resolution** | **Display Color** | **Partial Refresh** | **SenseCraft HMI** |
|---|---|---|---|---|---|
| | | 200x200 | | √ | √ |
| | | 250x122 | | √ | √ |
| | | 250×122 | | | √ |
| | | 212x104 | | √ | |
| | | 296x128 | | | |
| | | 296x128 | | √ | √ |
| | | 296x128 | | | √ |
| | | 400x300 | | √ | |
| | | 800x480 | | | √ |
| | | 648x480 | | √ | |
| | | 800x480 | | | √ |
| | | 800x480 | | √ | √ |
| | | 1404×1872 | | √ | √ |
| | | 1600x1200 | | | √ |

## Part List

| | |
|---|---|
| 4.26 Monochrome ePaper Display | ×1 |

## Compliance & Logistics

| | |
|---|---|
| HSCODE | 8543709990 |
| USHSCODE | 8524119000 |
| UPC | |
| EUHSCODE | 8543709099 |
| COO | CHINA |

# Resource Links

- https://www.seeedstudio.com/4-26-Monochrome-SPI-ePaper-Display-p-6398.html
- 4.26-inch Monochrome ePaper Display Datasheet

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