

100064156 | reTerminal E1004 13.3" Full-color ePaper Display

SKU: 100064156

Product Overview

reTerminal E1004 is a 13.3-inch open-source full color ePaper display with up to 6-month battery life. Powered by ESP32-S3, it supports the SenseCraft HMI no-code UI platform for easy dashboard creation and image upload. Featuring an E Ink® Spectra™ 6 full-color ePaper Display, it is ideal for digital frames and colorful dynamic dashboards.

Features

High-resolution, Beautiful and Ready-to-Use E Ink® Spectra™ 6 Color ePaper Display The reTerminal E1004 is presented as a fully assembled human-machine interface (HMI) with an aluminum frame, featuring a 1200×1600 E Ink® Spectra™ 6 full-color e-paper display. Powered by Espressif's ESP32-S3, it delivers vivid visuals and crisp text straight out of the box-no extra setup required.

No-Code UI Design & Deployment with SenseCraft HMI Design and deploy personalized dashboards effortlessly with SenseCraft HMI (SenseCraft HMI), our new AI-powered no-code platform. Create your UI through simple drag-and-drop elements, choose from our rich template library, or let AI help you. Connect real-time data from onboard sensors or web APIs, then deploy your finished dashboard to reTerminal E1004 display with just a few clicks. From design to data configuration to deployment, everything happens seamlessly on one single platform.

Image Slideshows with Live Data Sync & Battery Lasts for Months Equipped with a built-in 5000mAh battery and engineered for maximum power efficiency, the reTerminal E1004 runs for up to 6 months on a single charge in Low-Power Mode (6-hour refresh interval). Place it anywhere-on your desk, mounted on a wall, or in any space-without worrying about frequent recharging. Supports automatic image carousel and real-time data updates, creating a "breathing" smart photo frame!

Adapting to decoration and display needs in different scenarios Wire-free for more freedom; supports wall-mount/desktop placement, one-click switch between portrait and landscape modes, adapting to decoration and display needs in different scenarios

Product Image



Product image

Specifications

SenseCraft HMI

Product Name: reTerminal E1004

Processor: ESP32-S3 with 8MB PSRAM

Storage: 32MB Flash(16GB SD Card included)

Display: 13.3" FullColor

Resolution: 1200x1600 Pixels

Micro SD Card: FAT32 format(Maximum support 32GB SD card)

Wireless Connectivity: 2.4GHz 802.11 b/g/n Wi-Fi, Bluetooth 5.0

Touch Buttons: Image refresh and switching

Sensor: Temperature, humidity sensors

Buzzer: Buzzer for sound alert

Battery: 5000mAh

Power Input: USB-C 5V/1A

Software: Default firmware support SenseCraft HMI()

Working Temperature: 0-40degC

Dimensions: 376mm311mm40mm

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