# EPD-258

## 25.3" Full Color ePaper Display Device



## Features

- 25.3", >30k colors (ACeP) Color
- Resolution: 3200 x 1800
- USB-A, Micro USB, RJ45 (LAN), SD Card
- Wi-Fi 802.11 a/b/g/n/ac (2.4G/5G)
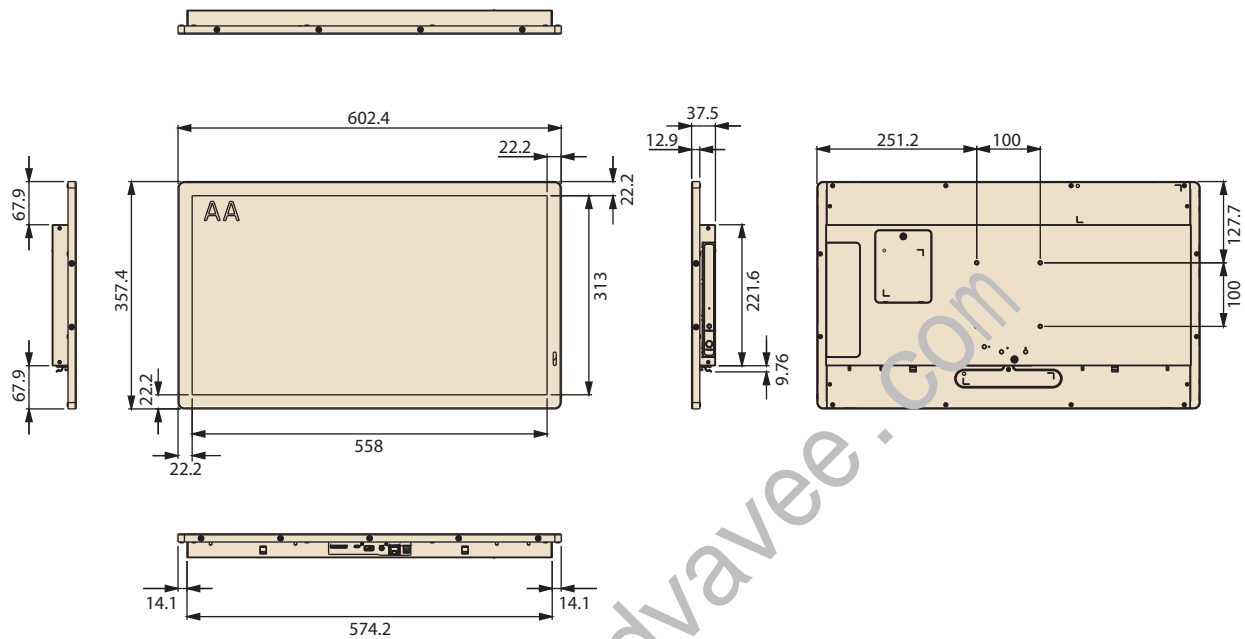- Solution with DeviceOn/ePaper

## Introduction

The Advantech EPD-258 can support hospital, factory, smart city and retail applications; and features optimized power consumption and device management. In addition, application layers can acquire data easily and commuincate with ePaper devices through an ePaper manager server. This EPD total solutions enables SI to focus on application development.

## Specifications

| | | |
|---|---|---|
| **Screen** | Size | 25.3" |
| | Resolution | 3200x1800 |
| | Ratio | 16:09 |
| | Color | >30k colors (ACeP+, E Ink Gallery Plus Display) |
| **Chassis** | Dimension | 602.4 x 353.4 x 37.5 |
| | Weight | 2.2 Kg |
| | Mounting type | VESA 100x100 mm |
| **System** | CPU | CPU 1.3GHz quad core A35 |
| | OS | Platform Android 11 |
| | RAM /EMMC | RAM / ROM 2GB DDR3 / 16GB EMMC |
| | I/O | USB-A, Micro USB, RJ45 (LAN), SD Card |
| | Wireless | Wi-Fi 802.11 a/b/g/n/ac (2.4G/5G) |
| | Ethernet | 10M/100M |
| | Power | Battery Capacity 18650 Li-batteries *4pcs (Prepared by customers) Power Supply 20V/45W AC/DC Adapor |
| **Environment** | Operating Temperature | 15 °C ~ 35 °C |
| | Operating Humidity | 0% ~ 80% |
| | Storage Temperature | -25 °C ~ 50 °C |
| | Storage Humidity | 0%~80% |
| **Certification** | NCC/FCC/CE/VCCI | |

## Dimensions

Unit: mm



## Ordering Information

| Model Name | Part No. | Description |
| --- | --- | --- |
| EPD-258 | EPD-258-W1D00 | 25.3" ACeP ePaper display device solution in Wi-Fi without battery |

## Development Kit Ordering Information

| Model Name | Part No. | Description |
| --- | --- | --- |
| EPD device | EPD-258-W1D00 | 25.3" ACeP ePaper display device solution in Wi-Fi without battery |
| DeviceOn/ePaper Server | ARK-1123H-EP2A2 for Entry | Ubuntu 20.4/1T HD/8G RAM with ePaper Manager Software featuring 100 x device licenses |

## Packing List

| Model Name | Part No. | Description |
| --- | --- | --- |
| EPD-258 | EPD-258-W1D00 | 1. 25.3" ACeP ePaper display device solution in Wi-Fi without battery<br>2. 20V/45W AC/DC Adaptor |