

EPD-707

7.3" Color ePaper Display Device



Features

- E Ink Bi-Stable technology. Reflective and no backlight
- Spectra 6 Color ePaper
- No power needed during displaying
- Extremely low power consumption while refreshing
- Support wall mount & stand
- WiFi 802.11 b/g/n 2.4GHz

Introduction

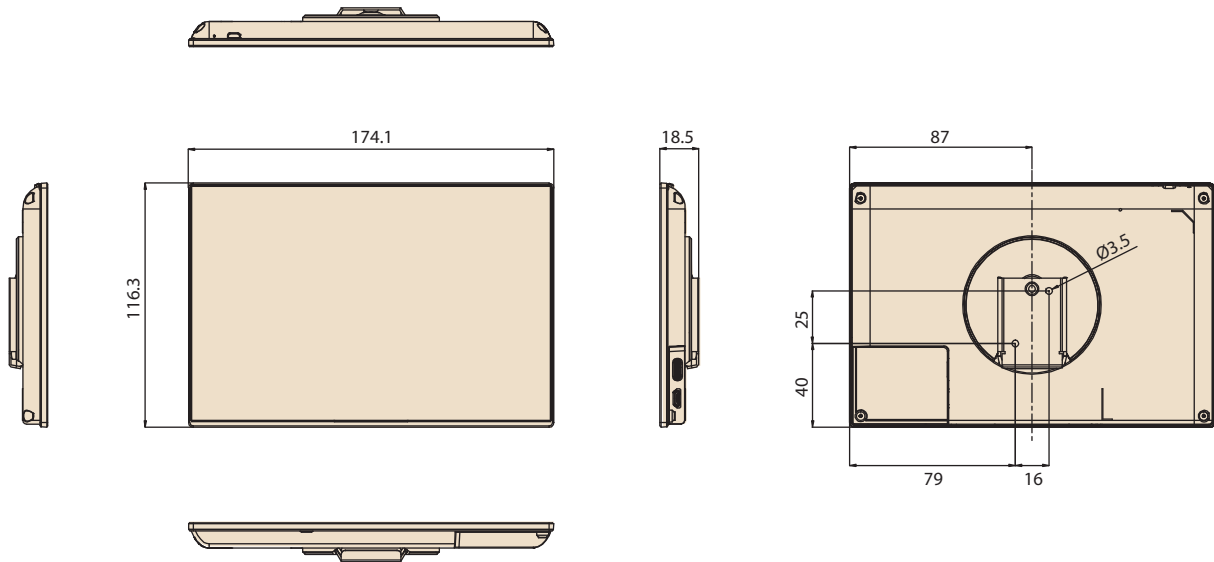
The Advantech EPD-707 can support hospital, factory, smart city and retail applications; and features optimized power consumption and device management. In addition, application layers can acquire data easily and communicate with ePaper devices through an ePaper manager server. This EPD total solutions enables SI to focus on application development.

Specifications

System	MCU	Xtensa 32bit LX6 MCU
	Memory	8MB SPI flash 8MB SPI PSRAM
Display	Screen Size	7.3"
	Resolution	800 x 480 pixels display , DPI:127
	Color	Black, White, Red, Yellow, Blue, Green
Communication Standard	WiFi	802.11 b/g/n Radio Frequency 2.4GHz indoor ,10m
	BLE	Bluetooth 4.2, Radio Frequency 2.4GHz
	NFC	Radio Frequency 13.56 MHz
Interface I/O	USB-C Connector	External Power adapter to charge the battery
	Reset hole	1 (SW reset)
	Micro USB	1
Power (Wireless)	Battery	3000 mAh 6 months (4 times refresh /days without WiFi connection continuously, shall depend on APP behavior to define the life time)
Power (Wired)	DC-in	USB-C
OS	RTOS version	FreeRTOS 1.4.2
Certification		cNus/FCC/NCC/CE/VCCI
Environment	Operation	0 ~ 50°C; 32 ~ 122°F
	Storage	-25 ~ 60 °C; -13 ~ 140 °F
	Operation Humidity	5 ~ 80% Relative Humidity, Non-condensing
Dimension / weight		174.1(L) x 116.3(H) x 21 (W)mm / Weight 220g

Dimensions

Unit: mm



Ordering Information

Model Name	Part No.	Description
EPD-707	EPD-707-W2B01	7.3" Spectra 6 ePaper display device solution in Wi-Fi without battery

Development Kit Ordering Information

Model Name	Part No.	Description
EPD device	EPD-707-W2B01	7.3" Spectra 6 ePaper display device solution in Wi-Fi without battery
DeviceOn/ePaper Server	ARK-1221L-EP1A1 for Entry	Ubuntu 22.4/1T HD/8G RAM with ePaper Manager Software featuring 100 x device licenses

Packing List

Model Name	Part No.	Description
EPD-707	EPD-707-W2B01	1. 7.3" Spectra 6 ePaper display device solution in Wi-Fi without battery 2. 5V/2A AC/DC Adaptor