

# EPD-770, EPD-780 Device

## 13.3"x2 ePaper Dual Display Device

**NEW**



### Features

- 13.3" x2pcs ePaper panel display: EPD-770, EPD-780 for Black/White
- Supports operation temperatures of -15 ~ 65 °C (Black/White)
- High performance integrated system
- IP66 Water & dust proof
- Solution with ARK ePaper Manager Server
- Data transmission interface in Wi-Fi, 4G/LTE card or USB Cable.

### Introduction

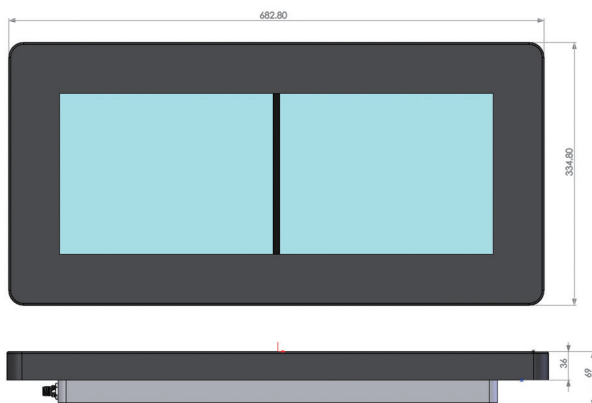
EPD-770, EPD-780 can support hospital, factory, smart city and retail applications. With optimized power consumption and device management. Application layer can easily acquired data and commuincate with ePaper device through ePaper manager server. System integrator can focus on their application development with EPD total solution.

### Specifications

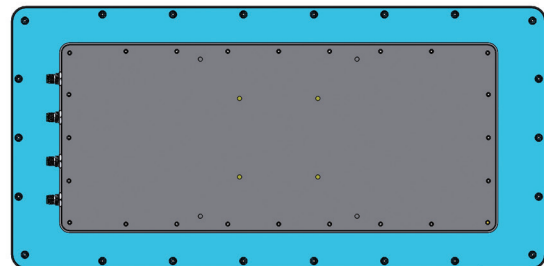
ePaper Display	Screen Size	582.8 x 234.8 mm
	Resolution	1600 x 1200 pixels x 2pcs
	Color	Black and White
I/O		2 x USB Signal x2 pcs or RJ45 x1pc connector (M12 type)
Environment	Operational Temperature	-15 ~ 65 °C (B/W)
	Non-Operational Temp.	-25 ~ 70 °C (B/W)
	Operating Humidity	5 ~ 80% relative humidity, non-condensing
Housing Mechanical (preliminary)	Material Type	Plastic housing with IP66 for waterproof and dustproof (Warranty 1 year)
	Dimension	682.8 x 334.8 x 69 mm
	Weight	15 KG
EPD and Cover Glas	Lamination OCA	UV cut & Explosion-proof glass
	IK Level	IK07

### EPD-770, EPD-780 Dual Display Device

**Front View**

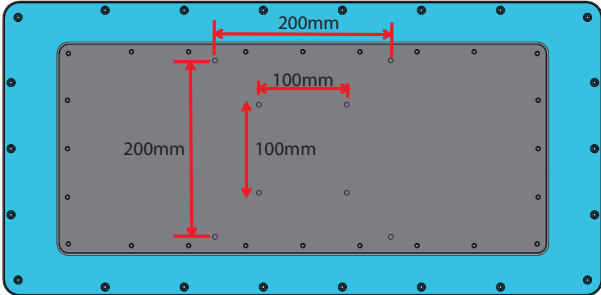


**Bottom View**



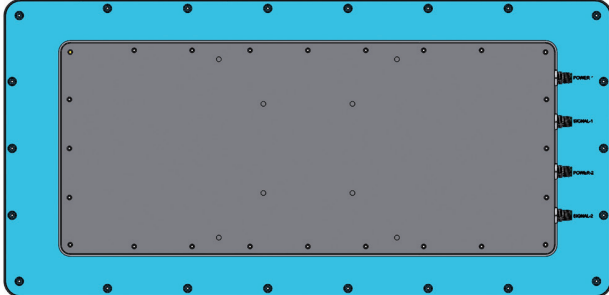
### Mounting Hole Design

- VESA MOUNT: 100mmx100mm / 200mmx200mm
- SCREW: M6X10L



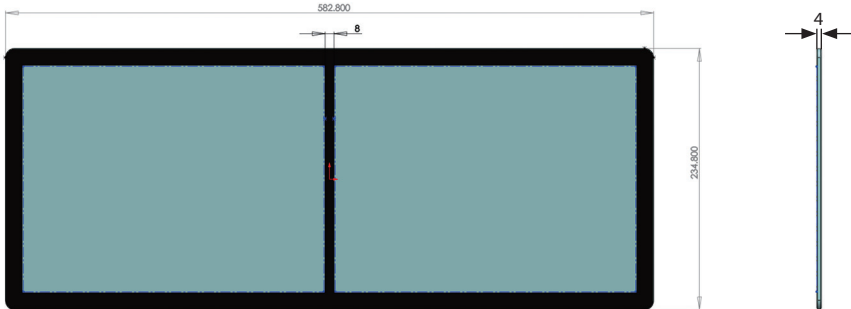
### Cable Indicator Design

- White Printing
- Icon image: "POWER" & "SIGNAL"



### EPD-770, EPD-780 Dual Display Glass Outline

- Outline Dimension: 582.8mm x 234.8mm x 4mm
- Glass characteristic: UV film / Explosion-proof
- IK Level: IK07



### Ordering Information

Model Name	Part No.	Description
EPD-770	EPD-770-101	13.3" Black/White ePaper dual display device solution in 4G/LTE without battery
EPD-780	EPD-780-001	13.3" Black/White ePaper dual display device solution with USB interface without battery

### Packing List

Model Name	Part No.	Description
EPD-770	EPD-770-101	1. 13.3" Black/Whitedual ePaper display 2. ePaper driving board and housing x 1set 3. 4G/LTE Card
EPD-780	EPD-780-001	1. 13.3" Black/Whitedual ePaper display 2. ePaper driving board and housing x 1set 3. M12 USB Type-A 0.6m (external) 1700031354-01 x2pcs

\* All Eink Panel inspection criteria refer to Eink CAS & Inspection standard document.

### Development Kit Ordering Information

	Part No.	Description
EPD device	EPD-770-101	13.3" Black/White ePaper dual display device
ePaper Manager Server	ARK-1123H-EP2A2 for Entry	Ubuntu 18.4/1T HD/8G RAM and build in ePaper Manager Software with 500 device licenses

\* Ordering EPD device, and ARK ePaper Manager Server one each to try Advantech EPD display solution

### Optional Accessories

Part No.	Description
1700031355-01	M12 USB Type-A 1m (external)

**Board Diagram**

