



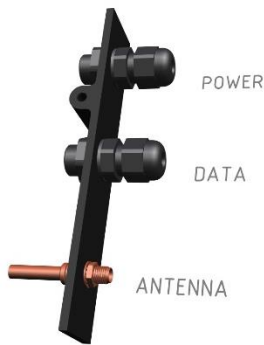


# 32" Outdoor Master - E Ink Display

Main Specifications	
Items	Description
Type	31.2" E Ink Monochrome display
Panel technology	Electronic Paper Display
Display Size	31.2"
Image input	USB - BMP image or other based on optional media device
Active area dimensions	691.2 × 388.8 mm
Power	12V DC Standby power: 0.7W (plus other devices) Full screen image write: 14.6W (plus other devices)
Characters displaying	Resolution: 2560 × 1440 Pixel pitch: 0.27 x 0.27 mm 16 Grey Level – 4bit (monochrome)
Optical characteristics	Contrast ratio: 12:1 (typical) White reflectance: 40% Viewing angle: > 160°
Front glass	4 mm tempered anti-glare optically bonded glass
Front light	Luminance: 25 nits max Uniformity: 50% - 60%
Front light reliability	50,000 hours at 75% of original luminance value
Environmental conditions	Ambient Operating Temperature: -15 to +65 °C Storage temperature: -25 to +70 °C Relative humidity: 5 to 95% non-condensing
Ratings	IP-65 weatherproof IK08 impact resistance
Solar load	800 w/m <sup>2</sup> (incident solar radiation) 1150 w/m <sup>2</sup> (ambient solar radiation)
Mounting	200 x 200mm VESA, M6 screws, landscape or portrait
Dimensions (WxHxD)	471 x 772 x 42mm
Weight	12kg

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## Power / Data Cable Connection

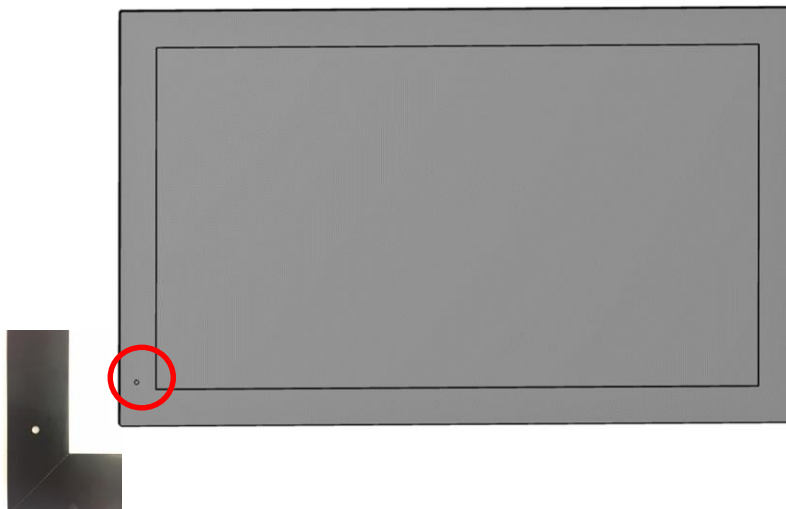


The power and data connectors, and the wi-fi antenna are located on the back of the display.

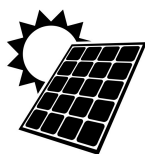
- Power: 12VDC
- Data: USB or other depending on the integrated devices such as Raspberry Pi.
- Antenna: Wi-fi or cellular depending on integrated devices.

## Ambient light sensor:

Outdoor Master light sensor is located on the front frame of the display. This can be used to enable automatic on/off of the front lighting of the display for use in low light conditions.



## Solar Power Kit Option:



The Outdoor Master display is ultra-low power and can be powered by solar:

- Solar panel
- Power controller
- Battery

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## Dimensions

