

8" Open Frame Monitor

Overview

The Darveen Open Frame Monitor series features a modular design that allows for versatile installation using both back and VESA methods. With its borderless design and lightweight construction, this series can seamlessly integrate into any embedded application. Additionally, the open architecture supports a size range of 8 to 15.6 inches and offers multiple touch screen options, including resistive and capacitive technologies.

Features

- HDMI/DP, VGA, DVI three signal interfaces
- Multiple installation methods including rear installation and VESA installation
- Solution for resistive/capacitive touch screen
- DC-IN 12 to 24V



Operating Temp.



IP65



Touch Display



I/O Interfaces



Specifications

| Display | |
|------------------------|--|
| Size | 8 inch |
| Resolution | 1024 x 768 |
| Luminance | 400 nits |
| Contrast Ratio | 1000: 1 |
| View Angles | 80 (left), 80 (right), 80 (up), 80 (down) |
| LED Lifetime | 30,000 hrs |
| Color | 16.7M |
| Touch | |
| Touch Type | Projected capacitive multi touch/5-wire resistive touch (optional) |
| Transmittance | 87% (capacitive) / 80% (resistive) |
| Surface Hardness | 7H/3H |
| Control Interface | USB |
| I/O Ports | |
| USB | 1x USB 2.0 |
| Display | 1x HDMI, 1x VGA, 1x DVI |
| Power | |
| Button | Yes |
| DC Input | 12 to 24VDC |
| Power Connector | 2-pin phoenix terminal |
| Power Consumption | 10W |
| Power Adaptor | AC-DC, 12V@5A, 60W |
| Mechanical | |
| Dimensions (W x D x H) | 209 x 167 x 32.2 mm (8.2 x 6.6 x 1.2 inches) 248.5 x 195 x 33.7 mm (9.8 x 7.7 x 1.3 inches)(Including touch solution) |
| Weight (N.W.) | 1.0 kg (2.2 lbs) 1.15 kg (2.5 lbs) (Including touch solution) |
| Mounting | wall mount bracket VESA 75 |
| Material | all-metal chassis |
| Environment | |
| Operating Temperature | -10 to 50°C (14 to 122°F) |
| Storage Temperature | -20 to 60°C (-4 to 140°F) |
| Relative Humidity | 10% to 95% @ 40°C (104°F), non-condensing |
| Vibration | 5 to 500Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis |
| Certification | |
| EMC | CE, FCC |
| Packing List | |
| Packing List | 1x OFM-1080 1x AC-DC power adapter 1x warranty card |

Dimensions

