

12.1" Open Frame Monitor

Overview

The Darveen Open Flame 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











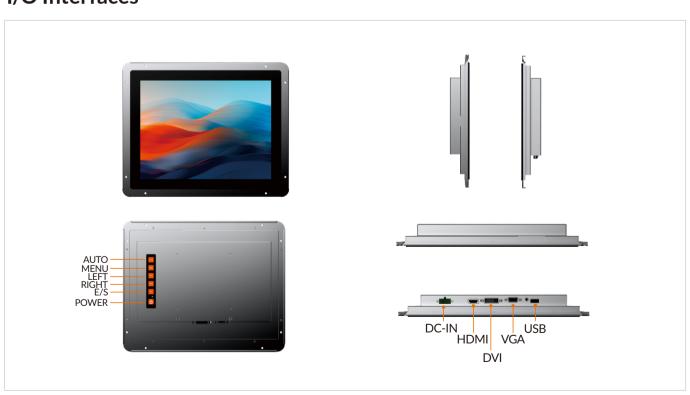


Operating Temp.

IP65

Touch Display

I/O Interfaces





Specifications

Size	Display		
Luminance	Size	12.1 inch	
Contrast Ratio 1000: 1 View Angles 80 (left), 80 (right), 80 (up), 80 (down) LED Lifetime 50,000 hrs Color 16.7M Touch 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) 311.6 x 240 x 34.5 mm (12.2 x 9.4 x 1.4 inches) 318 x 256 x 36 mm (12.5 x 10.1 x 1.42 inches)(Including touch solution) Weight (N.W.) 2.45 kg (5.4 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 (-04 to 140°F) Relative Humidity 10% to 95% @ 40°C (104°F), non-condensing Vibration 5 to 500Hz, 0.026 G³Hz, 2.16 Grms, X, Y, Z, 1 hour per axis Certification EMC CE, FCC Packing List 1x OFM-1120	Resolution	1024 x 768	
Section Sect	Luminance	450 nits	
LED Lifetime 50,000 hrs Color 16.7M Touch 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) 318 x 256 x 36 mm (12.5 x 10.1 x 1.42 inches)(Including touch solution) 2.2 kg (4.8 lbs) 2.45 kg (5.4 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 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis Certification EMC CE, FCC Packing List 1x OFM-1120	Contrast Ratio	1000: 1	
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Touch Type	Color	16.7M	
Transmittance	Touch		
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USB	Surface Hardness	7H/3H	
USB	Control Interface	USB	
Display 1x HDMI, 1x VGA, 1x DVI	I/O Ports		
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Power Connector Power Consumption Power Adaptor AC-DC, 12V@5A, 60W Mechanical Dimensions (W x D x H) Signature (1.2.2 x 9.4 x 1.4 inches) 311.6 x 240 x 34.5 mm (12.2 x 9.4 x 1.4 inches) 318 x 256 x 36 mm (12.5 x 10.1 x 1.42 inches)(Including touch solution) 2.2 kg (4.8 lbs) 2.45 kg (5.4 lbs) (Including touch solution) Mounting Wall mount bracket VESA 75 Material Inhetal chassis Environment Operating Temperature Operating Temperature -10 to 50°C (14 to 122°F) Storage Temperature -20 to 60°C (-4 to 140°F) Relative Humidity Vibration 5 to 500Hz, 0.026 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis Certification EMC CE, FCC Packing List 1x OFM-1120	Button	Yes	
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Certification EMC CE, FCC Packing List 1x OFM-1120	Vibration	•	
Packing List 1x OFM-1120	Certification		
Packing List 1x OFM-1120	EMC	CE, FCC	
1x OFM-1120	Packing List		
Packing List 1x warranty card		1x OFM-1120	
	Packing List	1x warranty card	



Dimensions

