

23.8" High-Brightness, Sunlight-Readable PCAP Touch Monitor

Overview

The DPM-1238G is a 23.8-inch, 16:9 high-brightness industrial monitor designed for demanding industrial environments. It features a touchscreen with anti-glare and anti-fingerprint treatment, along with a 1,000-nit sunlight-readable display for clear visibility in bright-light conditions. Built with an all-metal structure, the DPM-1238G offers excellent durability, vibration resistance, and corrosion resistance. With a wide operating temperature range of -20°C to 60°C, it is well suited for factory/production line HMI, outdoor information display, and kiosk applications.

Features

- 1000-nit high-brightness
- Anti-glare (AG) touchscreen; anti-fingerprint (AF) UV optional
- All-metal structure design for enhanced durability
- Front panel IP65 dustproof and waterproof
- 12-24V DC input
- 1x HDMI, 1x VGA, 1x DVI



Operating Temp.



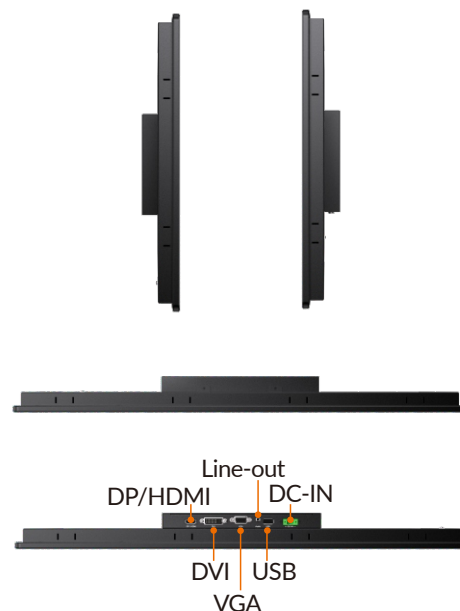
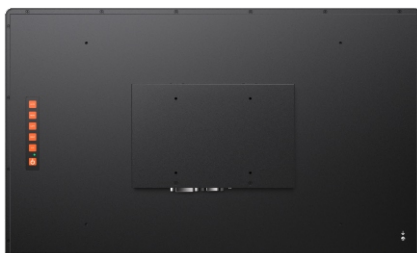
IP65



Touch Display



I/O Interfaces



Specifications

Display	
Size	23.8 inch
Resolution	1920 x 1080
Luminance	1000 nits
Contrast Ratio	1000: 1
View Angles	89 (left), 89 (right), 89 (up), 89 (down)
LED Lifetime	50,000 hrs
Color	16.7M
Touch	
Touch Type	Projected capacitive multi-touch
Transmittance	87% (capacitive)
Surface Hardness	7H
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	38W
Power Adapter	AC-DC, 12V@5A, 60W
Mechanical	
Dimensions (W x D x H)	581.9 x 351.4 x 49.3 mm (22.9 x 13.8 x 1.9 inches)
Weight (N.W.)	6.6 kg (14.55 lbs)
Mounting	Wall mount bracket VESA 100
Material	Aluminum alloy panel, all-metal structure
Environment	
Operating Temperature	-20 to 60°C (-4 to 158°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing
Vibration	5 to 500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Certification	
EMC	CE, FCC
Packing List	
Packing List	1x DPM-1238G 1x AC-DC power adapter 1x warranty card

Technical drawing of the 23.8 inch panel showing front, side, and rear views with dimensions.

Front View:

- Panel Size: 23.8" Panel
- Overall Width: 581.94mm
- Inner Width: 527.04mm
- Overall Height: 351.36mm
- Inner Height: 296.46mm

Side View:

- Panel Thickness: 49.3mm
- Mounting Flange Thickness: 41.3mm
- Mounting Flange Width: 24mm

Rear View:

- Overall Width: 561.94mm
- Overall Height: 331.36mm
- Mounting Hole Spacing (Horizontal): 350mm
- Mounting Hole Spacing (Vertical): 100mm
- Mounting Hole Diameter: 8-M5