

22" Panel Mount Industrial Monitor, HazLoc Rated, NEMA4, IP65/IP66
Black Powder-Coated Carbon Steel Bezel, Single-Touch Analog Resistive Touch Screen, AC input, 1.5 m (5 ft.) VGA video and AC power, and 1.8 m (6 ft.) USB touch cables included.



Model: HPMW2200-C1D2-TR

FEATURES

- Sealed to IP65/66 standards, available in NEMA 4/12 or NEMA 4/4X/12 configurations
- UL Rated for Hazardous Locations: Class I, II, III, Division 2
- Features bright, high-contrast displays with an ultra-wide viewing angle
- Proven MTBF of over 250,000 hours for reliability in industrial environments
- Various options for touch screens, glass, acrylic, and food protection windows
- Compact depth of 46 mm to 54 mm (1.81" to 2.12")
- Offers stainless steel, carbon steel, and edge-to-edge bezel choices
- Panel mountable without the need for drilling stud holes
- Holds industrial certifications, including UL 508A, UL 50E, FCC Class A, CE, UL/EN/IEC62368-1, and recognized as a UL Component

OPTIONAL ACCESSORIES

- Industrial Keyboards (IP65/66, NEMA 4X rated)
- Screen Protectors
- Extended cable options up to 300 m (1000')
- KVM Extenders



Rear view of 19" Panel Mount Monitor.



Panel Mount workstation configuration with monitor and industrial keyboard.



Optional KVM Extender allows monitor to be placed up to 1000' away from computer.



Optional Screen Protector guards touch screens from scratches and wear.

SPECIFICATIONS

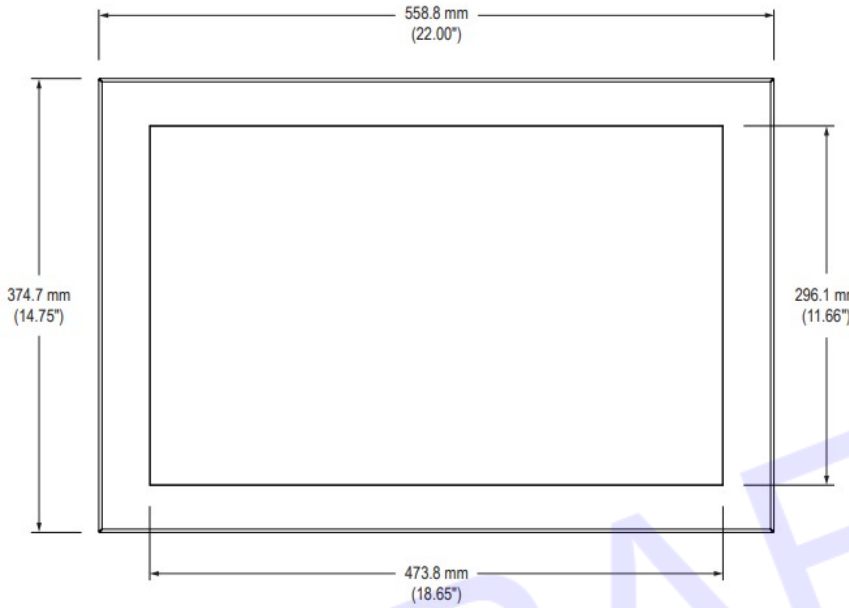
Display	
Type	Thin-film transistor (TFT) Active Matrix Liquid Crystal, LED Backlit
Size	22" diagonal / 16:10
Image Size (W x H)	474 x 296 mm (18.7" x 11.7")
Native Resolution*	WSXGA+ (1680 x 1050 @ 60Hz)
Pixel Pitch	0.282 x 0.282 mm
Number of Colors	16.7 million
Brightness (white)	250 nits (cd/m2)
Viewing Angle (Hori/Vert)	170° / 160°
Contrast Ratio	1000:1 (typ); 20M:1 (dyn)
Backlight Brightness half-life	50,000 hours
Video	
Input Connectors	
Inputs using Adapter**	HD-15, DVI-I
Input Signal Formats***	HDMI, HDMI Mini, HDMI Micro, DisplayPort, DisplayPort Mini, BNC
Horizontal / Vertical Scan	RGB: Sep., Comp., SoG; DVI
Response Rate	24-82 kHz / 50-75 Hz
	5 ms
Environmental	
Temperature	Operating Temperature: 0° to 50°C (32° to 122°F); Storage Temperature: -20° to 60°C (-4° to 140°F) / Humidity: 20% to 90% non-condensing
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Operating Shock / Vibration	15 g, 6 msec, half-sine / Operating Vibration (sine): 1.0 g, swept sine 9-500 Hz; Transport Vibration (random): 0.1g2 /Hz, 10-200Hz; 0.03g2 /Hz, 200-2000 Hz
Altitude	Operating: up to 10,000 ft; Non-operating: up to 40,000 ft
Electrical	
Monitor Input	100 to 240 VAC, 1.5/0.75 A, 60/50 Hz or 9.6 to 36.6 VDC, 2.5 to 0.65 A
Power Consumption	~26 W
Physical	
Enclosure Type	Panel mount; rear collar compresses gasket against panel (5/16" maximum panel thickness); held by M5 studs within single cutout
Bezel Material	Black powder-coated carbon steel or stainless steel faceplate
Panel Rating (with proper installation)	CS: NEMA/UL 12/4; IP65/66 SS: NEMA/UL 12/4/4X; IP65/66
Depth behind Panel	50.0 mm (1.97")
Front Bezel Outside Dimensions (WxHxD)	559mm x 375mm x 7mm (22.0"x14.75"x0.28")
Cutout Dimensions (WxH)	528.7 mm x 342.3 mm (20.81" x 13.48")
Net / Shipping Weight	19 lbs. / 23 lbs.
Window Options	Single-Touch Resistive Touch Screen, Tempered Glass window (non-touch), Acrylic window (non-touch) (n/a 23.8), Glass-armored touch screen with sulfur gas protection also available
Compliances and Certifications	
Electrical	UL/EN/IEC62368-1, UL/EN/IEC60950-1, UL Recognized Component for US and Canada, UL 508A, CAN ICES-3A/NMB-3A, CE, FCC Class A, NOM
Enclosure, Environmental	UL 50E, IEC 60721-3 (Reliability), WEEE
Hazardous Location	UL Listed for Class I,II,III, Div. 2, Grps A,B,C,D,F,G; T-Code T5 (AC); T-Code T4A (DC)

*Specifications subject to change without notice, not responsible for typographical errors.

MECHANICAL DRAWINGS

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

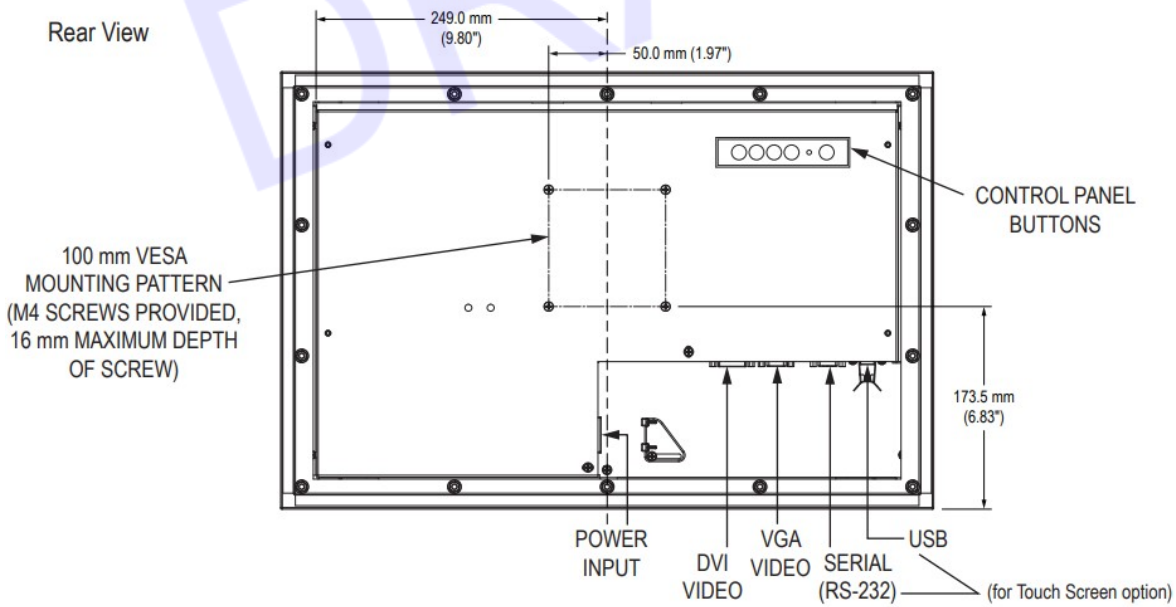
Front View



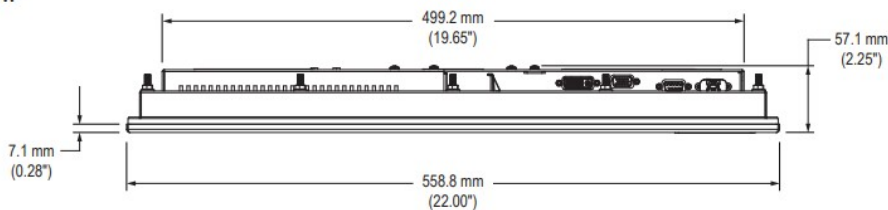
Side View



Rear View



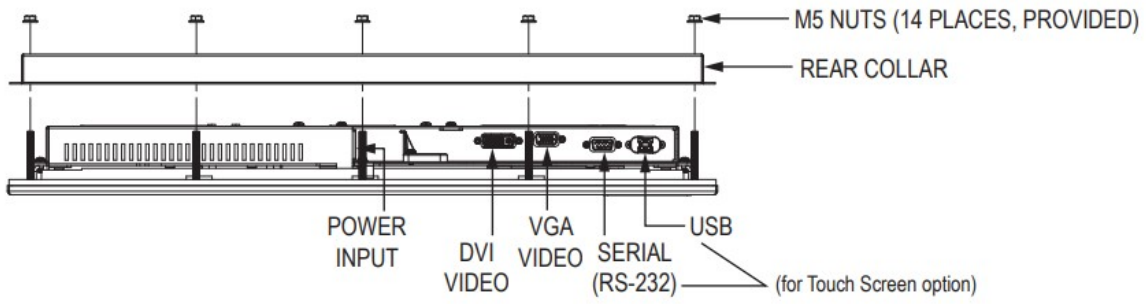
Bottom View



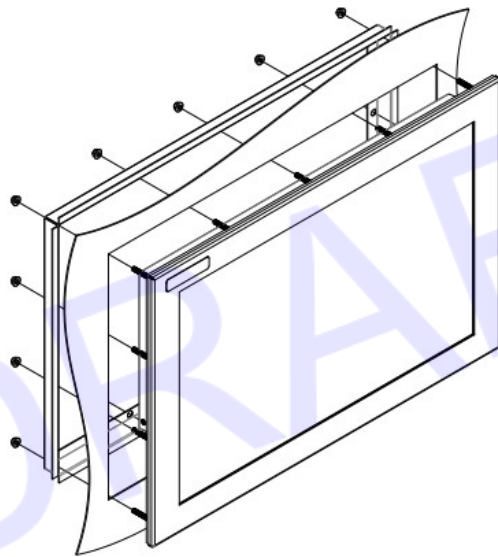
Drawing No.: HPMW2200-C1D2-TR-122020023-V1

Modified: 12-20-2023

Bottom View (showing Cable Connections)



Mounting Diagram



Cutout Dimensions

