

19.5" Panel Mount Industrial Monitor

NEMA4 19.5" Panel Mount LCD Monitor (Stainless Steel Bezel) with tempered safety glass window HD-1080p (1920 x 1080, 16:9 aspect ratio). 250 nits (cd/m²) max, Video Input HD-15, DVI-D + AC Power Models – 100 to 240 VAC, 1.5/0.75 A, 60/50 Hz; AC power cable included + 5-wire single-touch resistive system with mouse emulation

Rated for Hazardous Locations (optional) - UL Listed for Class I, Division 2 for Groups A, B, C, D; Class II, Division 2 for Groups F, G; Class III; Temp Code T4A (File No. E328481) per ANSI/ISA 12.12.01-2013.



Model: HPMW1950SG-C1D2-TR

Designed to provide the industrial user with excellent picture quality and rugged design for reliable continuous operation.

A unique single-cutout, stud-free design and depths of only 1.82" to 2.12" make them a snap to install. Options like touch screens and KVM Extenders make these displays highly versatile.

FEATURES

- NEMA 4/12 or NEMA 4/4X/12, sealed to IP65/66 standards
- UL Rated for Hazardous Locations: Class I, II, III, Division 2
- Bright, high contrast, and ultra-wide viewing angle displays
- Field-proven MTBF of more than 250,000 hours
- Touch Screen, Glass, Acrylic, and Food Protection window options
- Only 46 mm to 54 mm (1.81" to 2.12") deep
- Stainless steel, carbon steel, and edge-to-edge bezel options
- Panel mount without drilling stud holes
- Industrial Certifications: UL 508A, UL 50E, FCC Class A, CE, UL 60950 3rd Edition / cUL Recognized 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

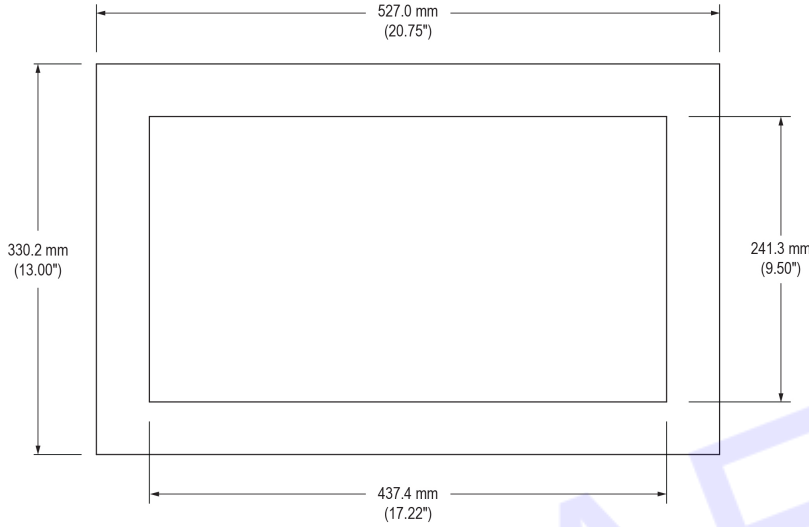
Display	
Type	Thin-film transistor (TFT) Active Matrix Liquid Crystal, LED Backlit
Size	19.5" diagonal / 16:9
Image Size (W x H)	435 x 239 mm (17.1" x 9.4")
Native Resolution*	HD1080p (1920 x 1080 @ 60 Hz)
Pixel Pitch	0.2265 mm x 0.221 mm
Number of Colors	16.7 million
Brightness (white)	250 nits (cd/m2)
Viewing Angle (Hori/Vert)	178° / 178°
Contrast Ratio	3000:1
Backlight Brightness half-life	50,000 hours
Video	
Input Connectors	HD-15, DVI-I
Inputs using Adapter**	HDMI, HDMI Mini, HDMI Micro, DisplayPort, DisplayPort Mini, BNC
Input Signal Formats***	RGB Analog, Sync Type: Separate; DVI
Horizontal / Vertical Scan	24-82 kHz / 50-75 Hz
Response Rate	20 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
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	~20 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)	Black powder-coated carbon steel: NEMA/UL Type 12/4; built to IP65/IP66 standards Stainless steel: NEMA/UL Type 12/4/4X; built to IP65/IP66 standards
Depth behind Panel	50.0 mm (1.97")
Front Bezel Outside Dimensions (WxHxD)	527mm x 330mm x 7mm (20.75"x13.0"x0.28")
Cutout Dimensions (WxH)	497.8 mm x 298.5 mm (19.60" x 11.75")
Net / Shipping Weight	15 lbs. / 20 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 (call for details)
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 (Registration No. WEE/DJ1859ZX for UK only)
Hazardous Location	UL Listed for Class I, II, III, Div. 2, Groups A, B, C, D, F, G; T-Code T4A

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

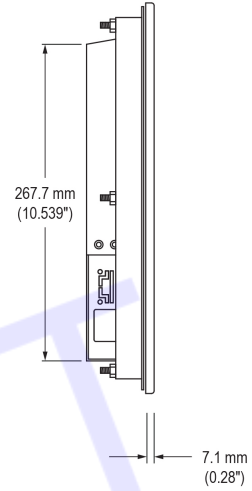
MECHANICAL DRAWINGS

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

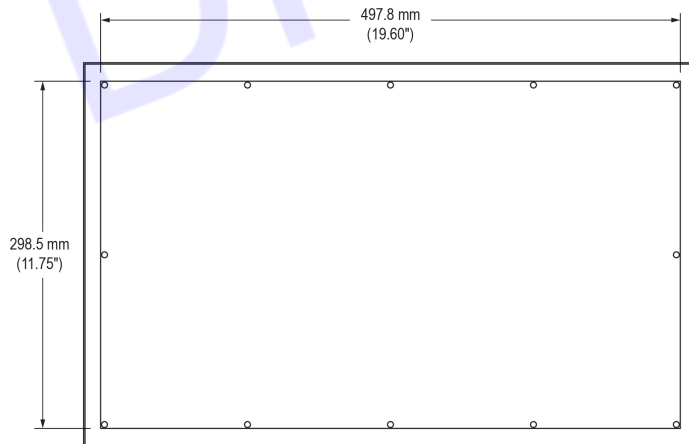
Front View



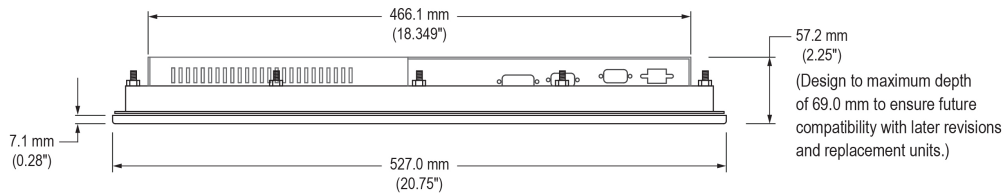
Side View



Rear View (showing Cutout Dimensions)



Bottom View



Drawing No.: HPMW1950SG-C1D2-TR-07182022-V1

