

Marine Grade LCD IMO Bridge Monitor Slimline Aluminum Bezel Sunlight Viewable LED Backlighting

## MPC-SL24W

### 24"W Marine Grade LCD Monitor

# High-Definition Resolution

The MPC-SL24W is a marine grade flat panel Active Matrix LCD Monitor designed for extremely rugged use where the front must be fully sealed from water, oil, dirt and other contaminants. The MPC-SL24W has a 24" diagonal display, designed for use anywhere onboard in a console or bulkhead, or it can also be VESA mounted. The front located manual dimming control adjusts the LED display brightness from max to super-dim for optimal operator viewing clarity and comfort in any lighting condition. The MPC-SL24W connects to any standard PC through the VGA output using any standard VGA cable. The monitor can also receive dual DVI-D video inputs from a high performance computer or other video sources. Triple composite video inputs are also available for camera or other NTSC/ PAL signals. The native resolution is 1920x1080, but the MPC-SL24W will auto-scale any standard resolution to fit the screen. Picture-in-Picture capability is standard. An optional touch screen will operate prefectly even in the wettest conditions. The standard anti-reflective protective glass is bonded to the LCD, eliminating internal and external reflections and fogging. The attractive slim bezel and compact case allow mounting in very tight spaces. When properly mounted and sealed in place, the front is rated IP65. Common applications include primary display or repeater from a computer, chart plotter, blackbox radar or sounder or weather computer. Multiple functionality can be achieved by adding inputs from engine room, docking or common space cameras, as well as thermal and night vision cameras. The MPC-SL24W has been Certified by Bereau Veritas for use on IMO vessels requiring IEC60945 testing per IACS-E10.



#### Standard Features

- Slim All-Aluminum Front Bezel Rated IP65.
- Space Saving: 23.0" x 14.76" x 2.28"
- 24"W Color TFT AMLCD, Bonded AR Protective Glass.
- Hi-Definition (1920x1080) Native Resolution.
- 1,000 nit Brightness, 3,000:1 Contrast Ratio.
- Manual Linear Dimming knob from Max to Zero.
- Dual Standard RGB Video from any Computer.
- Dual DVI-D from Radar or other Computer.
- 3 Composite Video Inputs.
- P-in-P Standard, Remote control option.
- Flush Bezel for Console Mounting, or VESA.
- Powered from 9 30 VDC or optional 120/240 VAC.
- Optional Waterproof Touchscreen.

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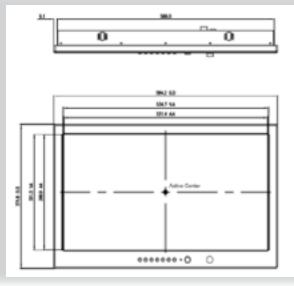


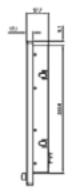
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#### **Specifications**

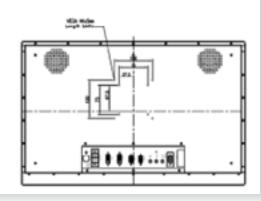
Display	24" Diagonal Active Matrix TFT LCD: WUXGA 1920x1080 pixels, 3,000:1 Contrast Ratio, 16.7 Million Colors	
Brightness	1,000 nits sunlight readable brightness, Dimmable1000:1 for Night time Operation, LED Backlight	
Video Input	2 x RGB 4:3 Video from Any Standard Computer, supports all Standard Resolutions with Auto-Scaling	
	2 x DVI-D Inputs, 3 - Composite Video Inputs	
Touchscreen (Optional)	Analog Resistive, 2048x2048 Resolution, USB Connection to PC.	
Cable	Power - None, Terminal Strip Provided	
	1 -Video - 6 Ft. (2m.)Shielded Cable, Standard Mini-DIN DB-15 M-M, or 1 - DVI-D - 6 ft. (2.m) Shielded Cable, Hi-Density DVI Connectors	
Housing	All Aluminum, Matte Gray Finish, IP65 Splashproof Front, IP22 Rear	
Mounting	Flush Mount Bezel for Mounting in Panel or Frame. 75 and 100 VESA Mounting Holes in Rear.	
Dimensions	23.0" x 14.76" x 2.28" (584.2mm. x 374.8mm. x 58mm)	
Weight	7.8 kg / 17.2 lbs.	
Power (Max)	50 Watts 9 - 30 VDC	
Environmental Temperature (Air Ambient) Relative Humidity Shock	<b>Operating</b> -10°C to 50°C (14°F to 122°F) 5% to 95%, non-condensing 50 G (half-sine for 30msec.)	Non-Operating -20°C to 70°C (-4°F to 158°F)
Vibration	1.0 G (@ 5 - 500 Hz sine sweep, 3 - axis)	
MTBF	30,000 Hrs.	
Standards	BV Certified to IEC60945 by IACS-E10, CE, FCC Class A, Part 15	





Dimensions: 23.0" x 14.76" x 2.28" (584.3m. x 374.8mm. x 58mm.)

Cutout Dimension: 22.3"x13.14" (566mm.x334mm.)



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