

NEMA 4X/IP66 Sunlight/Daylight Readable LED LCD's

LCD's with Adjustable Brightness

- 12", 15" and 17" LED Sunlight Readable Displays with Transflective Film Enhancements
- NEMA 4X/IP66 Enclosure
- 0 - 100% Adjustable Brightness for Night Time and Full Sunlight Requirements
- Bonded LCD (Optional)
- Resistive Touchscreen (Optional)
- Front OSD Controls
- Panel and VESA Mount Options Available



Opti-Brite™ LCD Displays have 0% -100% brightness control and are sunlight readable. They are NEMA 4X rated, making them an ideal choice for wet, outdoor environments.

Specifications	12" LCD	15" LCD	17" LCD
LCD Screen			
Resolution	800 x 600	1024 x 768	1280 x 1024
Brightness (typ.) no touchscreen	1000* cd/m ²	1400* cd/m ²	1000* cd/m ²
Brightness (typ.) with touchscreen	800* cd/m ²	1100* cd/m ²	800* cd/m ²
Viewing Angle Vertical	85/85/85/85	80/80/80/80	80/80/80/80
Touchscreen, Resistive	Optional	Optional	Optional
Physical			
Dimensions Inch (W x H x D)	13.25 x 11.00 x 3.13	14.72 x 12.717 x 3.13	15.73 x 14.0 x 3.40
Dimensions Metric (W x H x D)	336.5 x 279.40 x 79.32	373.79 x 323.01 x 79.32	401.12 x 355.60 x 86.31
Weight	7 lbs. (3.18 kg)	9 lbs. (4.08 kg)	11 lbs. (4.99 kg)
Color	Black (Std.)	Black (Std.)	Black (Std.)
Temperature			
Operating	-10° - 50°C	-10° - 50°C	-10° - 50°C
Electrical			
Voltage DC	10 - 36VDC	10 - 36VDC	10 - 36VDC
Voltage AC	90 - 264VAC	90 - 264VAC	90 - 264VAC
w/external adapter provided			
Current @ 12VDC (Max.)	2.0 AMPS	2.0 AMPS	2.0 AMPS
Power Consumption (Max.)	24 Watts	24 Watts	24 Watts
Brightness Control	Single Knob, 0 - 100%	Single Knob, 0 - 100%	Single Knob, 0 - 100%
Interface			
	VGA, RS170 (Standard)	VGA, RS170 (Standard)	VGA, RS170 (Standard)
	Option DVI, S-Video, Max of 2 Video Sources	Option DVI, S-Video, Max of 2 Video Sources	Option DVI, S-Video, Max of 2 Video Sources
Standard Configuration			
	VGA, RS170, DC Input Power with 6 foot cables Contact factory for different cable lengths		
Options			
	Panel Mount Plate		

* Minimum brightness equivalent in direct sunlight

Opti-Brite Features



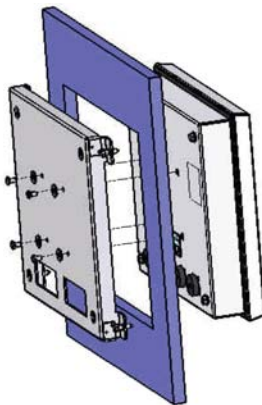
Opti-Brite LCD's have a compact design and shallow depth that can easily fit into your ship and marine applications.



Front panel OSD and brightness controls are standard on all Opti-Brite LCD display models.

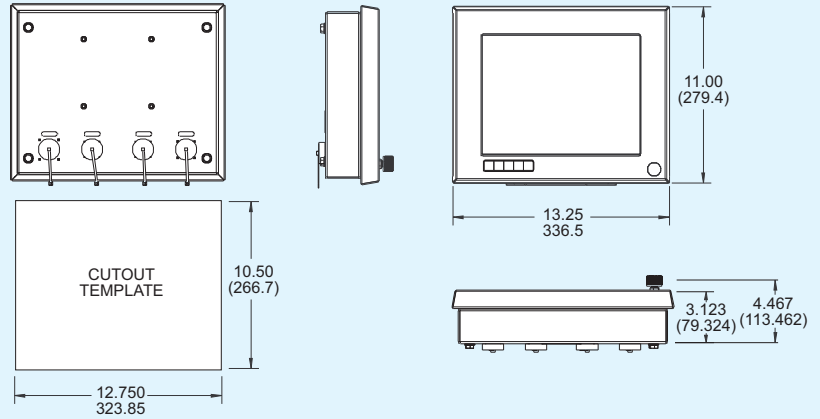


All Opti-Brite LCD's have input/output that includes VGA, SVID, RS170 and Composite Video inputs. **Optional video inputs available, consult factory**

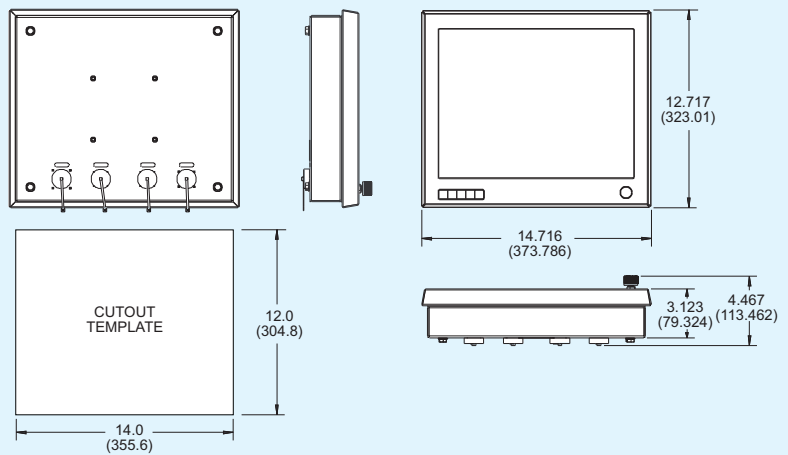


Shown with optional panel mounting.

18801 12" LCD Outline Drawing



18803 15" LCD Outline Drawing



18807 17" LCD Outline Drawing

