

LX –

Mariner Touch Monitors

www.planarembded.com/Mariner



IP65
Waterproof
Enclosure

LX0801PTI

LX1201PTI

Rugged touch monitors for marine environments.

The LX Mariner product family is ideally suited for marine environments where sun, moisture, salt and sea fog create challenges for standard, off-the-shelf displays. They offer a sealed enclosure, optical bonding, an ultra-wide vertical viewing angle and an integrated touch screen. Optical bonding provides durability and contrast, which are essential for a display in a marine vessel.

These marine displays are the first of their kind to integrate a touchscreen as part of the solution. Up to this point, boat manufacturers were limited to the use of membrane buttons below the screen as a user interface control.

This breakthrough combined with its sunlight readability, make Planar's new displays attractive to boat manufacturers and their customers.

Planar is expanding this innovation into a complete family to satisfy the requests for a wide range of size options.

FEATURES and BENEFITS:

- Ultra wide vertical viewing angle
- High ambient contrast ratio
- Greater than 800 cd/m²
- Infrared touch sensor
- Anti-glare coated cover glass
- Direct bonding of cover glass
- IP65 waterproof enclosure

With optical bonding for improved performance and durability

LX - Mariner Touch Monitors



NEW!



NEW!

SPECIFICATIONS	LX0801PTI (8.4")	LX1201PTI
Part Numbers	997-4387-00LF	997-4350-00LF
Touchscreen Type	Infrared (IR)	Infrared (IR)
Touchscreen Interface	USB	USB
Brightness	>700 cd/m ² (typical)	>800 cd/m ² (typical)
Contrast Ratio	600:1 (typical)	600:1 (typical)
Viewing Angle (Typical)	160° H, 140° V	130° H, 115° V
Power Consumption	<15 W	<30 W
Supply Voltage	8 - 32 VDC	8 - 32 VDC
Video Interface	Analog, VGA	Analog, VGA
External Connections	D-Sub 15-pin, Video Connector USB Type B, Locking Connector 7-pin, Locking Power Connector	D-Sub 15-pin, Video Connector USB Type B, Locking Connector 7-pin, Locking Power Connector
Features	IP65 Waterproof Enclosure	IP65 Waterproof Enclosure
Display Active Area (WxH)	170 mm x 127 mm	245 mm x 184 mm
Native Resolution	SVGA	XGA
Dimension (WxHxD)	220 mm x 187 mm x 54 mm	315 mm x 251 mm x 69 mm
Weight	3.0 kg (6.6 lbs.)	3.7 kg (8.2 lbs.)
Approvals	FCC Class A, CE, UL, TUV	FCC Class A, CE, UL, TUV
Operating Temperature	-20 to +60 °C (-4 to 140 °F)	-20 to +60 °C (-4 to 140 °F)
Storage Temperature	-20 to +85 °C (-4 to 185 °F)	-20 to +70 °C (-4 to 158 °F)
Humidity	90% non-condensing	90% non-condensing
Service and Support	1 Year standard return to depot, Bronze and Silver Service available (p/n 990-0213-00) optional	1 Year standard return to depot, Bronze and Silver Service available (p/n 990-0213-00) optional

Ask about
our other
sizes!