TFT LCD MODULE

12.1" XGA High-Brightness TFT LCD

1000 nit 1024 × 768 display with LVDS interface — sunlight-readable, wide-temperature, Hi-Tni design.

DCL P/N **100648-01** TAA COMPLIANT

12.1"	1000	1024×768	-30~80°C
DIAGONAL	NITS	XGA	OPERATING

KEY FEATURES

- 160° / 160° viewing angle
- 1000 nit LED backlight — sunlight-readable
- 700:1 contrast ratio
- -30 °C to +80 °C operating range with Hi-Tni liquid crystal
- LVDS interface
- Face-mount mechanical design
- Touch panel, cover glass and optical bonding available
- Custom FPC, cable assembly and driver-board options

SPECIFICATIONS

Size	**12.1" (XGA)**
Resolution	**1024 × 768**
Display Technology	**TFT LCD, Hi-Tni LC**
Brightness	**1000 cd/m²**
Contrast Ratio	**700:1**
Viewing Angle (H/V)	**160° / 160°**
Interface	**LVDS**
Operating Temp.	**-30 ~ +80 °C**
DCL Part Number	**100648-01**

APPLICATIONS Industrial HMI · Medical devices · EV charging · Outdoor equipment · Marine

Design it in with DCL.

Samples, custom brightness, cover glass, touch tuning and cable assemblies — backed by US-based engineering and in-country factory oversight. **Manufactured in a TAA-compliant geography.**

Request a quote or samples

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