

TFT LCD MODULE

12.1" XGA High-Brightness TFT LCD

1600 nit 1024 × 768 display with LVDS interface — sunlight-readable, wide-temperature, Hi-Tni design.

DCL P/N

100649-01



TAA COMPLIANT



12.1"

DIAGONAL

1600

NITS

1024×768

XGA

-30~80°C

OPERATING

KEY FEATURES

- 160° / 160° viewing angle
- 1600 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	1600 cd/m ²
Contrast Ratio	700:1
Viewing Angle (H/V)	160° / 160°
Interface	LVDS
Operating Temp.	-30 ~ +80 °C
DCL Part Number	100649-01

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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