TFT LCD MODULE

# 49" FHD High-Brightness IPS TFT LCD

1000 nit 1920 × 1080 display with LVDS interface — sunlight-readable, Hi-Tni design.

**DCL P/N** 100990-01 TAA COMPLIANT

| 49" | 1000 | 1920×1080 | -10~50°C |
|---|---|---|---|
| DIAGONAL | NITS | FHD | OPERATING |

## KEY FEATURES

- IPS technology — 178° / 178° viewing, consistent color off-axis
- 1000 nit LED backlight — sunlight-readable
- 1200:1 contrast ratio
- -10 °C to +50 °C operating range with Hi-Tni liquid crystal
- LVDS interface
- Touch panel, cover glass and optical bonding available
- Custom FPC, cable assembly and driver-board options

## SPECIFICATIONS

| | |
|---|---|
| Size | **49" (FHD)** |
| Resolution | **1920 × 1080** |
| Display Technology | **TFT LCD, IPS, Hi-Tni LC** |
| Brightness | **1000 cd/m²** |
| Contrast Ratio | **1200:1** |
| Viewing Angle (H/V) | **178° / 178°** |
| Interface | **LVDS** |
| Operating Temp. | **-10 ~ +50 °C** |
| DCL Part Number | **100990-01** |

**APPLICATIONS** Digital signage · Kiosks · Control rooms · 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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Specifications subject to change without notice. Image is representative of the product family.