



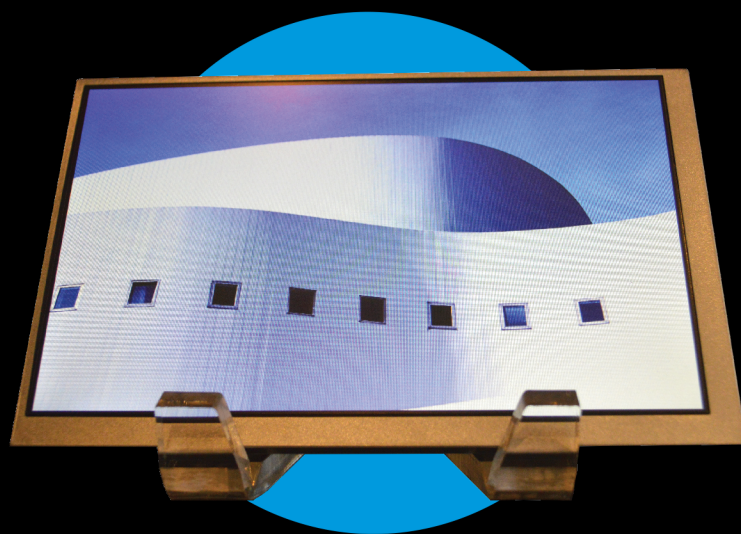
# 7" HiBrite Industrial Display

EXTENDED TEMPERATURE - SUNLIGHT READABLE - TFT LCD

TI is proud to introduce our brightest display yet! The 7" widescreen LCD utilizes ultra-bright, state-of-the-art LED backlights for up to 2,000 nits of brightness. This is 5-6 times brighter than a standard off-the-shelf LCD monitor or industrial display and 2-3 times any available sunlight readable 7" panel on the market. This ensures that the operator sees a clear, sharp image even direct, bright sunlight. The widescreen LCD has a best-in-class operating temperature of -35°C to +85°C to ensure complete functionality for the most demanding applications. The LED backlight and patent pending LED drivers have a life expectancy exceeding 100,000 hours of operation. The industrial panel has also been tested for thermal shock, vibration, mechanical shock. This display is ideal for use in a wide range of applications including marine, military, transportation, industrial, and several outdoor applications.

## Display Specifications

Screen Size	7.0" (Diagonal)
Driver	a-Si TFT active matrix
Weight	170 g
Brightness	Up to 2,000 cd/m <sup>2</sup>
Contrast Ratio	500:1
Resolution	800 x 480 (Wide VGA)
Viewing Angle (H/V)	140/120 degrees
Response Time	25 ms
Outline Dimension	165.00 mm x 104.00 mm
Display Thickness	5.50 mm (6.3 mm max)
Active Area	152.40 mm x 91.44 mm
Operating Temperature	-30°C to +85°C



## LCD Driver Board Specifications

Power Supply Voltage	3.3 V
Input Signal	LVDS (1 Channel)

For additional information on Touch International products and solutions, contact a sales representative or e-mail [sales@touchintl.com](mailto:sales@touchintl.com).