

# 12.1" HiBrite Industrial Display

**EXTENDED TEMPERATURE - SUNLIGHT READABLE - TFT LCD**

Touch International's new 12.1" wide-temperature, super-bright industrial liquid crystal display (LCD) utilizes ultra-bright, state-of-the-art LED backlights producing up to 1,200 nits of brightness. This is 3-4 times brighter than a standard off-the-shelf LCD monitor or industrial display. The LED back light and patent pending LED drivers have a life expectancy exceeding 50,000 hours of operation. In testing, the company added a projected capacitive touch screen with ruggedized cover glass which was optically bonded to the display and still achieved over 1,000 nits of brightness.

## Display Specifications

Screen Size	12.1" (Diagonal)
Driver	a-Si TFT active matrix
Weight	455 g
Brightness	Up to 1,200 cd/m <sup>2</sup>
Contrast Ratio	1000:1
Resolution	1280 x 800 (WXGA)
Viewing Angle (H/V)	160/160 degrees
Response Time	15ms
Outline Dimension	278 mm x 184 mm
Display Thickness	8.16 mm
Active Area	261.12 mm x 163.2 mm
Operating Temperature	-10°C to +70°C



The industrial panel has also been tested for thermal shock, vibration, mechanical shock, and more. This display is ideal for use in a wide range of applications including marine, military, transportation, industrial, public use terminals, surveillance systems, amusement parks, kiosks, and more.

## LCD Drive Board Specifications

Power Supply Voltage	3.3 V
Input Signal	LVDS



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



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