14INCHTFT

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	14inchtft
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Display Size	14.1 inches
Resolution	1280×800 pixels
Brightness	1000 cd/m²
Contrast Ratio	700:1 ratio
Viewing Angle (Horizontal)	80 degrees
Viewing Angle (Vertical)	70 degrees
Surface Treatment	Anti-glare and hard-coating (3H)
Operating Temperature Range	-20°C to 70°C
Dimensions	326.0 mm x 216.5 mm x 16.0 mm
Weight	1250 grams
Interface Type	LVDS
Color Depth	6-bit or 8-bit

Description

The Mitsubishi 14INCHTFT is a 14.1-inch TFT-LCD module designed for industrial applications requiring high brightness and wide operating temperature ranges. This module features a resolution of 1280×800 pixels, delivering clear and detailed visuals.

It utilizes a transmissive display mode with a normally white TN panel, ensuring consistent image quality under various lighting conditions. The module boasts a luminance of 1000 cd/m², providing exceptional brightness suitable for outdoor and high-ambient light environments.

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With a contrast ratio of 700:1, it delivers sharp image differentiation. The viewing angles are 80° horizontally and 70° vertically, maintaining image clarity from multiple perspectives. The surface treatment includes an anti-glare and hard-coating (3H), enhancing durability and reducing reflections.

Designed to operate within a temperature range of -20°C to 70°C, it ensures reliable performance in diverse industrial settings. The module's dimensions are 326.0 mm in width, 216.5 mm in height, and 16.0 mm in depth, with a typical weight of 1250 grams.

It employs an LVDS (Low-Voltage Differential Signaling) interface, supporting 6-bit or 8-bit color depth, and operates at a typical input voltage of 3.3V. This module is ideal for applications such as industrial PCs, outdoor displays, and other environments where high brightness and durability are essential.