

MITSUBISHI GT2508-VTWD

With a sharp 8.4-inch TFT color LCD, the GT2508-VTWD from Mitsubishi's GOT2000 series delivers a high-quality visual interface. This unit provides a resolution of 640 x 480 pixels (VGA) and supports 65,536 distinct colors.

Technical specifications for GT2508-VTWD

Manufacturer Mitsubishi

Product Line GOT2000

Part Number GT2508-VTWD

Weight 12.00 lbs (5.44 kg)

Display Device TFT Color LCD

Screen Size 8.4 inches

Resolution 640 x 480 pixels (VGA)

Display Colors 65,536 colors

User Memory 32 MB ROM for storage; 80 MB RAM for operation

Touch Panel Type Analog resistive film

Backlight Non-replaceable LED; approximately 60,000 hours lifespan at 25 ° C and 50% brightness

Interfaces RS-232, RS-422/485, Ethernet (100BASE-TX/10BASE-T), USB Host (1 channel), USB Device (1 channel), SD Memory Card slot

Power Supply Voltage 24 V DC (+25%, -20%)

Power Consumption Maximum 31 W

Protective Structure Front: IP67F; Rear: IP2X

Operating Temperature Range 0° C to +55° C

External Dimensions (W x H x D) 241 mm x 194 mm x 52 mm

Panel Cut Dimensions (W x H) 227 mm x 176 mm

Description

The Mitsubishi GT2508-VTWD, part of the GOT2000 series, has an 8.4-inch TFT color LCD that provides a clear display with a 640 x 480 pixels (VGA) resolution. The screen supports a palette of 65,536 colors, facilitating detailed visual representation for various applications. This touch panel uses an analog resistive film, enhancing user interaction and control.

For memory capacity, the device contains 32 MB of ROM for data storage and 80 MB of RAM dedicated to operational tasks, which ensures smooth performance during use. Connectivity options are comprehensive, featuring multiple interfaces such as RS-232, RS-422/485, and Ethernet (100BASE-TX/10BASE-T). It also includes channels for USB Host and USB Device functionality and an SD Memory Card slot.

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www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

The device requires a power supply voltage of 24 V DC with tolerance levels between +25% and -20%, and it has a maximum power consumption of 31 watts. Regarding physical design, the front of the unit boasts an IP67F rating for protection against dust and immersion in water, while the rear maintains an IP2X casing. Its operational capabilities are maintained in environments ranging from 0° C to +55° C.

The GT2508-VTWD has external dimensions of 241 mm in width, 194 mm in height, and 52 mm in depth. The panel cut dimensions are 227 mm by 176 mm. The unit's overall weight is around 1.5 kg, making it a manageable component for installation in various settings.



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