

Mitsubishi GT2710-VTWA Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	Graphic Operation Terminal (GOT)

Description

The GT2710-VTWA model from Mitsubishi's GOT2000 series is a versatile graphic operation terminal. It features a 10.4-inch TFT color LCD screen capable of displaying 65,536 colors with a VGA resolution of 640 x 480 dots.

Technical specifications for GT2710-VTWA

Manufacturer Mitsubishi

Product Type Graphic Operation Terminal (GOT)

Product Line GOT2000

Part Number GT2710-VTWA

Weight 20.00 lbs (9.07 kg)

Display Type TFT color LCD with 65,536 colors

Screen Size 10.4 inches

Resolution VGA: 640 x 480 dots

Touch Panel Analog resistive film, supports multi-touch

Backlight LED, non-replaceable, 60,000 hours life at 25°C

Memory for Storage 57 MB (ROM)

Memory for Operation 128 MB RAM

Communication Interfaces RS-232, RS-422/485, Ethernet (10BASE-T/100BASE-TX)

Power Supply 100-240 V AC, 50/60 Hz

Power Consumption 17 W (main unit)

Environmental Resistance IP67F (front), IP2X (control panel interior)

USB Ports Host (USB-A) and Device (USB Mini-B)

Description

The GT2710-VTWA is a graphic operation terminal from Mitsubishi's GOT2000 series, engineered for user-friendly operation in various environments. It boasts a vibrant 10.4-inch display built on TFT LCD technology, showing up to 65,536 colors. The VGA resolution is 640 x 480 dots, making it suitable for clear visual feedback.

This analog resistive film touch panel offers multi-touch support for improved interactivity. Its backlighting utilizes LED technology, providing a lifespan of approximately 60,000 hours when maintained at a standard temperature of 25°C. The terminal offers storage and operational memory, featuring 57 MB of ROM and 128 MB of RAM.

For connectivity, the GT2710-VTWA includes multiple communication interfaces such as RS-232, RS-422/485, and Ethernet (10BASE-T/100BASE-TX), ensuring compatibility with various systems. The power supply requirements span from 100 to 240 V AC and function at either 50 or 60 Hz, with a typical power consumption of 17 W.

The terminal measures 303 x 218 x 52 mm and weighs 2.1 kg, and it is designed for robust use. Environmental ratings indicate an IP67F classification for the front panel and IP2X for the control panel interior, offering protection against dust and water ingress. The terminal is equipped with a host USB port (USB-A) and a device USB port (USB Mini-B) to facilitate peripheral connections to enhance usability.

Technical Specifications

Manufacturer Mitsubishi

Product Type Graphic Operation Terminal (GOT)

Product Line GOT2000

Part Number GT2710-VTWA

Weight 20.00 lbs (9.07 kg)

Display Type TFT color LCD with 65536 colors

Screen Size 10.4 inches

Resolution VGA: 640 x 480 dots

Touch Panel Analog resistive film, supports multi-touch

Backlight LED, non-replaceable, 60,000 hours life at 25°C

Memory for Storage 57 MB (ROM)

Memory for Operation 128 MB RAM

Communication Interfaces RS-232, RS-422/485, Ethernet (10BASE-T/100BASE-TX)

Power Supply 100-240 V AC, 50/60 Hz

Power Consumption 17 W (main unit)

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