

Mitsubishi GS2107-WTBD Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	HMI / Display unit

Description

Mitsubishi's GS2107-WTBD graphic operation programmable terminal is a high-performance, industrial-grade terminal that is perfect for machine control, process monitoring, and data collection. Its supply voltage is 24 VDC, and its power consumption is 6.5 watts. It features a 7-inch, inches 800x600pixels (WVGA) TFT (65k) color display; it also contains 9 megabytes of ROM, an SD card slot for storage, and various types of connections. Its dimensions measure 206mm in width, 155mm high, and 50mm in depth.

Technical specifications for GS2107-WTBD

Manufacturer Mitsubishi

Product Type HMI / Display unit

Product Line GOT2000

Part Number GS2107-WTBD

Weight 1.50 lbs (0.68 kg)

Product Series GS21 Series (GOT Simple)

Functions Graphic Operation Programmable Terminal (GOT / RT) touchscreen HMI

Supply voltage 24VDC

Display Device TFT color LCD

Resolution 800 x 480 dots

Display Size (W x H) 154 x 85.9 mm (6.06 x 3.38 inches) (Horizontal format)

Display Color 65536 colors

Backlight LED (not replaceable)

Touch Panel Type Analog resistive film

Memory capacity 9 MB (ROM)

Mounting mode Flush

Degree of protection IP67

Description

Mitsubishi's GS2107-WTBD HMI (Human-Machine Interface) stands as a portable and indispensable tool meticulously tailored for industrial applications, exemplifying a commitment to control and monitoring excellence in manufacturing environments. Anchored by its 7-inch TFT color LCD screen, boasting an impressive resolution of 800 x 480 pixels, it delivers a visually striking and informative user experience. With analog resistive film technology at its core, this HMI ensures precision and sensitivity in user input. The support for a vast palette of 65536 colors transforms data visualization into stunning imagery. Its real prowess lies in its connectivity, boasting a repertoire of built-in interfaces including RS-422, RS-232, Ethernet, USB, and SD Card, fostering seamless data exchange with controllers and PCs, thus streamlining project management and data transmission. A notable 9 megabytes of internal flash memory caters to the storage of project data and the operating system, ensuring swift and hassle-free access when required. An integrated buzzer output enhances functionality with a range of customizable alert tones. The front half of the display is fortified with an IP65F-rated protective framework, resilient against the ingress of dust and water, making it suitable for rugged industrial environments. Despite its robust features, the GS2107-WTBD HMI maintains a compact, lightweight design, measuring 206 mm x 155 mm x 50 mm and weighing 0.9 kg (excluding mounting brackets), ensuring ease of installation and portability. Notably, it operates with remarkable efficiency, drawing just 6.5W or less of electricity, even when powered by a 24VDC source. Further enhancing its utility is its programmability, with compatibility with specific software tools. In essence, the GS2107-WTBD HMI from Mitsubishi

emerges as a robust, feature-rich solution for monitoring and controlling machinery, epitomizing Mitsubishi's commitment to excellence in industrial automation technology.

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