MITSUBISHI ELECTRIC

Graphical Operation Terminal

Changes for the Better

GOT1000 – The Standard for the Next Generation of Graphical Operation Terminals

GRAPHIC OPERATION TERMINAL **GOT1000**

CFA

CERTIFIED **USB**

SPEED UP — ● Powerful 64-bit RISC processor and high memory capacity

IMPROVED COMMUNICATION — ● USB port on the front of the operation terminal

MORE FLEXIBILITY — ● Compact Flash memory card for storing and transporting project data

SIMPLER OPERATION — ● Multi-lingual support with Unicode 2.1

The GOT1000 series is built on high-performance hardware and innovative ideas

Product Description

Mitsubishi Electric has once again set new standards in human-machine communication with their new GOT1000 series of touch-screen operation terminals. Providing the features customers have been asking for was a top priority in the design of these units – combined with advanced technology and the experience drawn from other series. The result is products that will make work easier for programmers and service staff as well as operators.

The high-resolution screens with up to 65,536 colours can also display complex graphics, photos and even CAD drawings. User inputs are made by touching the screen (touch-screen).

The logos are removable.

The Power LED indicates a variety of operating modes.

The USB port on the front of the units make it possible to transfer project data without opening the cabinet or control console. The port has a secure cover that maintains the IP67 protection rating! You can also use this connection for programming and diagnostics with the MELSEC PLC in transparent mode.

These new terminals don't just look good, they're also packed with impressive technology:

- An RS-232 port and an additional RS-422 port for the GT1100 units enable connection to controllers, variable-frequency drives and servo amplifiers from Mitsubishi and other manufacturers, and also to microcomputers and PCs.

- The generous 3MB of integrated memory provides ample storage for screen displays with complex graphics.

- TrueType fonts and Windows typefaces ensure clearly-legible on-screen texts at all sizes.
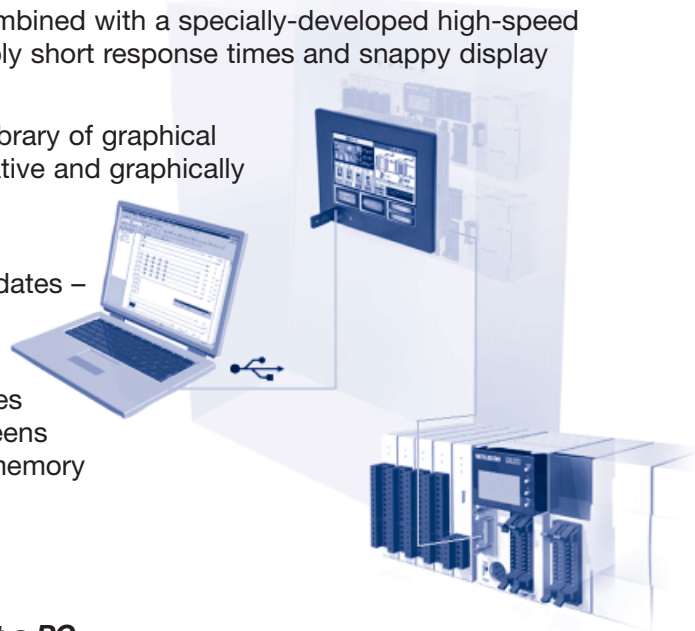
Features

Feature 1 — Faster in every way

The 64-bit RISC processor used in the GOT1000 series is combined with a specially-developed high-speed graphics processor. Together, they deliver formerly unattainably short response times and snappy display drawing.
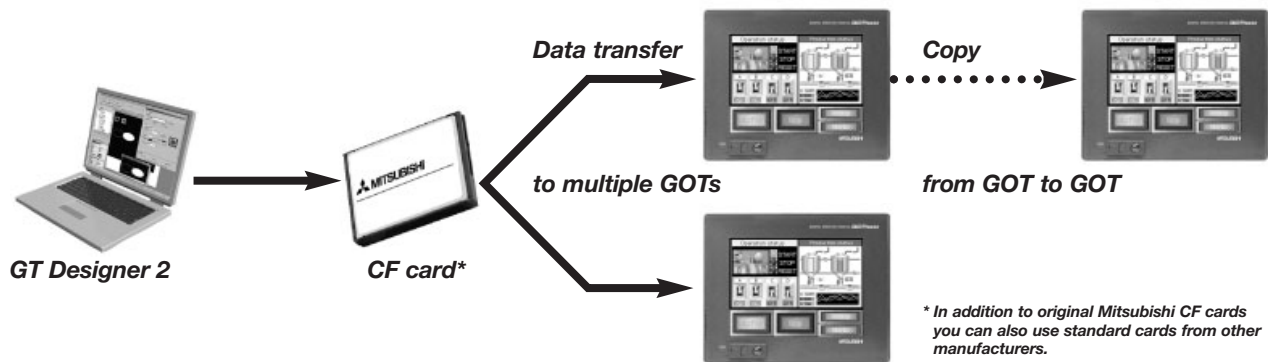
The GT Designer 2 software package and a comprehensive library of graphical elements in a variety of styles will enable you to build informative and graphically attractive screens quickly and easily.

The USB port on the front panel makes it possible to transfer project data to the terminals directly for configuration and updates – without any time-wasting dismantlement. The USB port also makes transferring the data significantly faster.

The GOT1000 series' innovative error reporting system ensures fast troubleshooting and minimum downtime. Predefined screens provide direct access to the PLC's I/Os and even the buffer memory of special-function modules.

Use Compact Flash cards to transfer project data without a PC

GT Designer 2   **CF card***   *Data transfer*   *to multiple GOTs*   *Copy*   *from GOT to GOT*

* In addition to original Mitsubishi CF cards you can also use standard cards from other manufacturers.

Feature 2 — Versatile and multi-lingual

In addition to all controllers and many frequency inverters and servo amplifiers from Mitsubishi Electric, the graphical operation terminals of the GOT1000 series can also be connected to controllers from other manufacturers.

Unicode 2.1 support enables display of all international languages, and language-switching is lightning-fast. That is a key selling-point for products you want to export and sell on global markets.
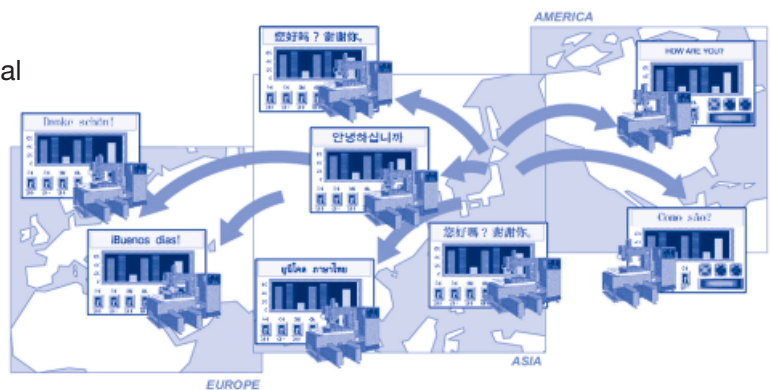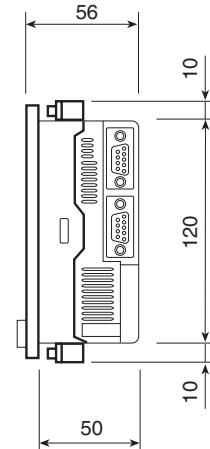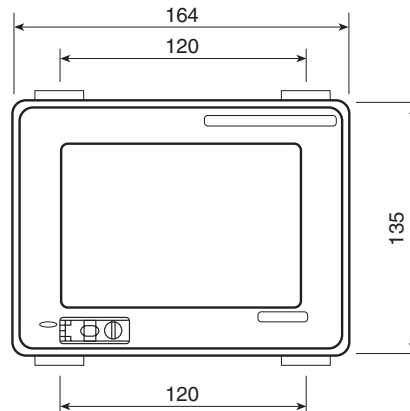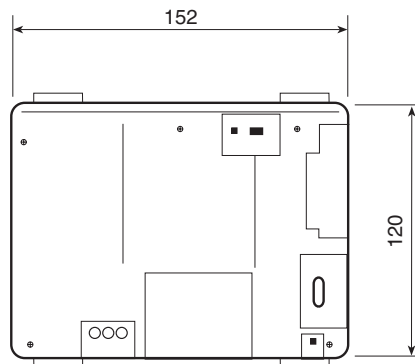
Feature 3 — Easy switching and upgrading

Projects for the terminals of the A900GOT and F900GOT series can be converted for the GOT1000 series with the GT Designer 2 software. The GT1150 has the same dimensions and connections as the F940GOT. You can even use the same fastenings! Compatibility is assured, and your existing systems are already ready for the new generation of operation terminals.

Specifications

Type		GT11	
		GT1150-QLBD	**GT1150-QSBD**
Art. no.		162709	162710
Display	**Color**	16 tone monochrome (black and white)	256 colors
	Type	STN	
	Diagonal	5,7″ (145 mm)	
	Size (W x H)	115 x 86 mm	
	Resolution	QVGA (320 x 240 Pixel)	
User inputs		via Touch-Screen	
CPU		64 Bit RISC CPU	
Internal memory		3 MB	
Interfaces and ports	**RS232**	1 Connector (9-pin DSUB)	
	RS422	1 Connector (9-pin DSUB)	
	USB	1 port at the front of the GOT for communication with a PC	
	Memory card	1 slot for Compact Flash cards (for program transfer or data backup)	
	Optionsmodul	1 slot for optional function board	
Power supply		24 V DC	
Protection level (front)		IP67F (with closed USB port cover)	
Programming software		GT-Works (GT Designer 2 Version 2.0)	

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Factory Automation – European Business Group, Gothaer Straße 8, D-40880 Ratingen
www.mitsubishi-automation.com