MITSUBISHI ELECTRIC

Mitsubishi Graphic Operation Terminal

GRAPHIC OPERATION TERMINAL
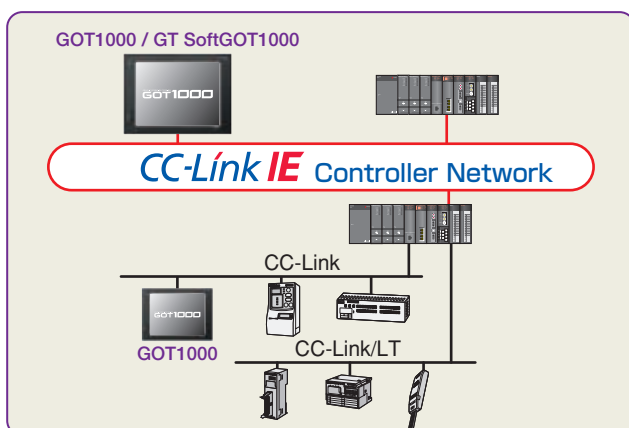# GOT1000

July 2008

New Product Release

The best solutions for your industry.
An innovative and highly perfected platform -- the GOT1000 Series.

GT 15

Now compatible with CC-Link IE Controller Network
Versatile usage: From information systems to the factory floor!

GOT1000
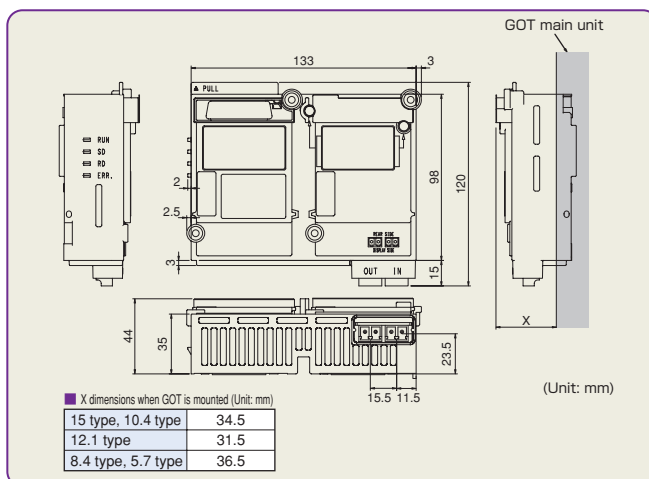GRAPHIC OPERATION TERMINAL

CC-Link IE Controller Network Connection

● GOT1000 can be connected to CC-Link IE Controller Network - a 1Gbps Ethernet-based controller network with 256-Kbyte network type shared memory (cyclic data).
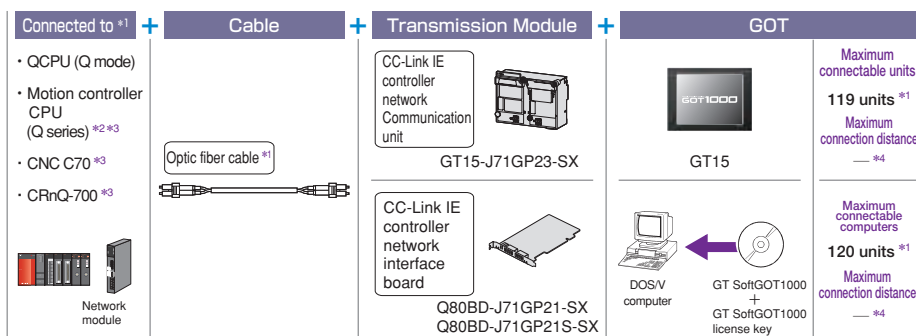

GOT1000 / GT SoftGOT1000

CC-Link IE Controller Network

CC-Link

GOT1000

CC-Link/LT

〈External Dimensions〉
CC-Link IE controller network transmission unit   GT15-J71GP23-SX

GOT main unit

RUN
SD
RD
ERR.

133   3

98   120

PULL

2.   2.5   3

OUT   IN   15

44   35   23.5

X

15.5   11.5

(Unit: mm)

■ X dimensions when GOT is mounted (Unit: mm)

15 type, 10.4 type	34.5
12.1 type	31.5
8.4 type, 5.7 type	36.5

〈Connection Configuration〉 CC-Link IE controller network connection

Connected to [1]	+	Cable	+	Transmission Module	+	GOT	
・QCPU (Q mode) ・Motion controller CPU (Q series) [2][3] ・CNC C70 [3] ・CRnQ-700 [3] Network module		Optic fiber cable [1]		CC-Link IE controller network Communication unit GT15-J71GP23-SX CC-Link IE controller network interface board Q80BD-J71GP21-SX Q80BD-J71GP21S-SX		GT15 DOS/V computer GT SoftGOT1000 + GT SoftGOT1000 license key	Maximum connectable units **119 units** [1] Maximum connection distance —— [4] Maximum connectable computers **120 units** [1] Maximum connection distance —— [4]

*1: Refer to the CC-Link IE Controller Network Reference Manual for further details on system configuration of connected devices, CPU types/versions, CC-Link IE Controller Network module's version restrictions, cables, and the number of connectable modules and units in a single network.
*2: GT SoftGOT1000 cannot be used.
*3: Use a multi-CPU system configuration.
*4: The total extension distance and the distance between stations varies according to the cable types and the total number of stations. Refer to the CC-Link IE Controller Network Reference Manual for further details.

■ Compatible Modules

CPU Series	CC-Link IE Controller Network Module
QCPU（Q mode）	QJ71GP21-SX QJ71GP21S-SX

Product Name	Model	Specification	Supported Types			
			GT15	GT11	Handy GOT	GT10
CC-Link IE Controller Network communication unit	GT15-J71GP23-SX	CC-Link IE Controller Network communication unit for optical loop system	○	—	—	—

CC-Link IE

MELSOFT

iQ Platform

MELFANS web
MITSUBISHI ELECTRIC
FA NETWORK SERVICE ON WORLD WIDE
http://MitsubishiElectric.co.jp/melfansweb/english/

Mitsubishi Electric Corporation Nagoya Works and Himeji Works are factories certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems).

ISO 14001 JACO
EC97J1113

UKAS ENVIRONMENTAL MANAGEMENT
051

ISO 14001 JACO
EC97J1234

UKAS ENVIRONMENTAL MANAGEMENT
051

ISO 9001
BUREAU VERITAS Certification

BUREAU VERITAS
1828

UKAS QUALITY MANAGEMENT
008

Mitsubishi Graphic Operation Terminal

Now supporting Mitsubishi iQ Platform compatible PLCs with built-in Ethernet!
GOT1000
GRAPHIC OPERATION TERMINAL

Now compatible with even more products

● The number of connectable models have been increased: ◎:Now supported

Connectable model			GT15/GT11	GT10	GT SoftGOT 1000
Mitsubishi Electric Corporation	MELSEC-Q Series (Q Mode)	Q03UDECPU	◎	◎	◎
		Q04UDEHCPU	◎	◎	◎
		Q06UDEHCPU	◎	◎	◎
		Q13UDEHCPU	◎	◎	◎
		Q26UDEHCPU	◎	◎	◎
		Q02PHCPU	◎	—	◎
		Q06PHCPU	◎	—	◎
	MELSEC-QS Series (Safety PLC)	QS001CPU※1	◎GT15 only	—	◎
OMRON Corporation	SYSMAC CP1	CP1L	◎	◎	—
KOYO ELECTRONICS INDUSTRIES CO., LTD.	KOSTAC SU Series		◎	—	—
	PZ Series		◎	—	—
	Direct LOGIC 205 Series		◎	—	—
	Direct LOGIC 05 Series		◎	—	—
	Direct LOGIC 06 Series		◎	—	—
GE Fanuc Automation Corporation	Series 90-30		◎	—	—
	Series 90-70		◎	—	—
	VersaMax Micro		◎	—	—

※1:Read only. Writing cannot be performed.

● GOT can monitor QnUD (E) (H) and its B and M devices in the expanded device range. These devices can be accessed by using the Ladder Monitor and System Monitor functions.
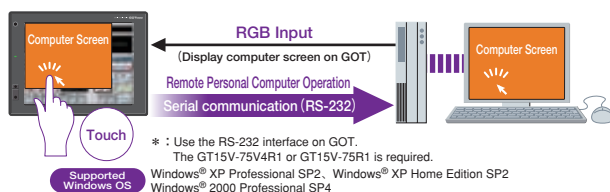
● GOT10 series now supports MELSEC-A series computer link connection.
Connectable models and connection configurations vary depending on the GOT model. For more details, refer to the GT Designer2 Version2 Screen Design Manual (For GOT1000 Series).

Operate your computer from a GOT!
GT15
GOT1000
GRAPHIC OPERATION TERMINAL

Remote Personal Computer Operation function (GT1585V, GT1575V only)

● In combination with a RGB input, the mouse pointer of the computer connected to a GOT can be controlled using the GOT touch operations. (The touched coordinates are stored in GOT internal devices and sent to the connected computer.)

Computer Screen
RGB Input
(Display computer screen on GOT)
Remote Personal Computer Operation
Serial communication (RS-232)
Computer Screen
Touch

＊ : Use the RS-232 interface on GOT.
The GT15V-75V4R1 or GT15V-75R1 is required.
Supported Windows OS
Windows® XP Professional SP2、Windows® XP Home Edition SP2
Windows® 2000 Professional SP4

MES Interface function for easy transfer of resource data to databases
GT15
GOT1000
GRAPHIC OPERATION TERMINAL

MES Interface function (Upgraded functionality)

● Advanced Alarm, Logging, and Operation Log resource data is written to a database when trigger conditions are established.

● Large amounts of data can be efficiently managed in a database.

More useful functionality for the GT10
GT10
GOT1000
GRAPHIC OPERATION TERMINAL

Device Monitor function

● PLC device values can now be specified, monitored and changed.

〈Main Functions〉
· Bit device: ON/OFF monitor, forced ON/OFF
· Word device: Set device values, monitor the set values/current values

GT1020

GT1030

Supported PLC MELSEC-FX/A/QnA/Q Series

Other useful functions
GOT1000
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Other features added to GT15/GT11/GT SoftGOT1000

Current value display in the key window

● When a key window is open, a numerical/ASCII value can be entered while being able to see the current value.

Input Value
Current Value
Chose whether or not to display the current value.

Left alignment when inputting ASCII characters

● When inputting ASCII characters, the character string can be aligned either left or right.

Input in order of A-B-C
〈Key Window〉

〈Right Alignment〉
Cursor appears in the right
Previously input characters shift to the left

〈Left Alignment〉
Cursor appears in the left
Courser moves to the right

Advanced Alarm Display additional function (GT15/GT SoftGOT1000 only)

● When a curser is not displayed, the alarm attributes displayed in the top row can be output externally. The comment number is also output so that the alarm message can be used in other functions such as Comment Display.

Date	Message	Restored
08/2/14 17:00	Machine 3 Fuel Error	
08/2/14 15:00	Machine 2 Network	15:03
08/2/14 11:00	Machine 1 Battery	11:05

〈Advanced Alarm〉

Machine 3 Fuel Error
Confirm the fuel in tank 1.
〈Comment Display〉
Output alarm details in the top row

● An alarm list without a title line is now available where only alarm messages are displayed, making screen design more flexible and allowing more efficient use of the screen display area.

The functions described above are supported by GT Designer2/GT Works2 Version 2.82L or later. Please confirm the Service Pack (SP) version when using the following Windows OS. If you are using the older version, it is recommended to upgrade your Service Pack to the version listed below.
·Windows® XP Professional：SP2　·Windows® XP Home Edition：SP2　·Windows® 2000 Professional：SP4　·WindowsNT® Workstation 4.0：SP3 or later

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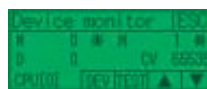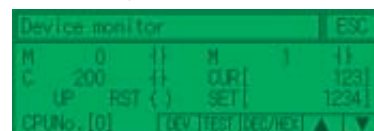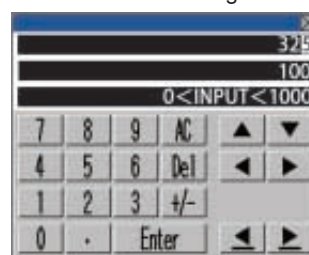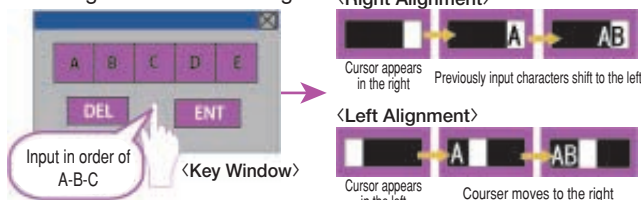
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