

GT Works3 Ver.1.117X or later

MELSEC iQ-R Series Supported!

MELSEC iQ-R Series and GOT break ground for a new era

Wide variety of connection types! MELSEC iQ-R

Connect with the MELSEC iQ-R Series through Ethernet or a variety of other connection types. GOT makes its presence felt in contexts ranging widely from host-level information interactivity to lower-level fields.



GOT2000
Graphic Operation Terminal

Connection samples available

GOT's diverse functions increase interactivity with the MELSEC iQ-R Series

- Log viewer
- Sequence program monitor (Coming soon)
- Device monitor
- Network monitor
- Intelligent module monitor
- R motion monitor



MELSEC iQ-R
series

For connectable GOT models, connection types, and supported functions, please refer to the back side.

GX Works3 global label interaction supports screen creation!

MELSEC iQ-R

GX Works3 global label interaction

Bit Switch

Basic Settings | Advanced Settings

Device | Style | Text | Extended | Trigger

Switch Action

Device: `::StopFlg1` **Global label can be specified**

Action

Momentary Alternate

Set Reset

No need to spare thought for device addresses!

Because GX Works3 global labels can be specified when inputting devices, you can create screens without sparing extra thought for device addresses.
(GT27, GT25, GT SoftGOT2000 only)

Assignment information auto acquisition

Automatic information acquisition

Change of assigned devices

No need to correct project data when changing assignments!

Because the GOT automatically acquires assignment information when screens have been created using global labels, it's unnecessary to correct or transfer project data even if device assignments are changed.
(GT27, GT25, GT SoftGOT2000 only)

Security function for your peace of mind

Security key authentication function (Coming soon)

Restricts computers opening project data

Restricts GOTs executing project data

Project data

Cannot Open

GOT2000

Cannot Execute

GOT2000

Protect your project data from alteration and duplication!

Computers without registered security keys can't open project data. As well, because GOTs without registered security keys can't execute project data, your techniques (know-how) are protected from information leaks.
(GT27, GT25, GT SoftGOT2000 only)

IP filter function (Coming soon)

Ethernet

IP address registered

No Access

IP address unregistered

Reduce the risks of unauthorized access through networks!

By registering the IP addresses of devices which can access the GOT, access from devices without permission can be prevented.
(GT27, GT25 only)

■ Connection types available for the MELSEC iQ-R Series
Supported CPUs

Series	Model name
MELSEC iQ-R Series	R04CPU, R08CPU, R16CPU, R32CPU, R120CPU
Motion Controller CPU (MELSEC iQ-R Series)	R16MTCPU, R32MTCPU

Connection type

Category	Name	GOT2000				GOT1000 *1			
		GT27	GT25	GT21	GT Soft GOT 2000 *2	GT16	GT14	GT10	GT Soft GOT 1000 *2
Connection type	Ethernet connection *3	●	●	●	● *4	●	●	—	● *4
	Direct CPU connection	—	—	—	USB Connection *4	—	—	—	USB Connection *4
	Computer link connection	●	●	●	● *4	●	●	●	● *4
	Bus connection	—	—	—	—	—	—	—	—
	MELSECNET/H connection	Coming soon	Coming soon	—	Coming soon	Coming soon	—	—	Coming soon
	MELSECNET/10 connection *5	Coming soon	Coming soon	—	Coming soon	Coming soon	—	—	Coming soon
	CC-Link IE Controller Network connection	●	●	—	Coming soon	●	—	—	Coming soon
	CC-Link IE Field Network connection	●	●	—	Coming soon	●	—	—	Coming soon
	CC-Link connection (intelligent device station)	●	●	—	—	●	—	—	—
	CC-Link connection (via G4)	—	—	—	—	—	—	—	—
GOT multi-drop connection	—	—	—	—	—	—	—	—	

*1 GT15 and GT11 do not support the MELSEC iQ-R Series.
 *2 Supported in Microsoft® Windows® XP Service Pack 3 or later OS.
 *3 Includes connection with the CPU built-in Ethernet port.
 *4 Connection with motion controller CPU (MELSEC iQ-R Series) is coming soon.
 *5 Uses MELSECNET/H in MN10 mode.

■ Functions available when connected with the MELSEC iQ-R Series

Functions other than the following can be used in the same way as other connected devices.

For details of each function and supported connection types, please refer to the related manuals or the Help. ● : Supported — : Not supported

Category	Function	GOT2000				GOT1000 *1			
		GT27	GT25	GT21	GT Soft GOT 2000 *2	GT16	GT14	GT10	GT Soft GOT 1000 *2
GOT functions	FA transparent	●	●	●	—	●	●	●	—
	SoftGOT-GOT link	●	●	—	●	●	—	—	●
	Backup/Restore	● *3	● *3	—	—	—	—	—	—
Debug functions	Device monitor	●	●	●	—	System Monitor *4	System Monitor *4	●	—
	Sequence program monitor (Ladder)	Coming soon	Coming soon	—	—	Ladder Monitor *4	Ladder Editor *4	—	—
	Sequence program monitor (SFC)	Coming soon	Coming soon	—	—	SFC Monitor *4	—	—	—
	Network monitor	●	●	—	—	—	—	—	—
Simulation	Intelligent module monitor	●	●	—	—	—	—	—	—
	R motion monitor	●	●	—	—	—	—	—	—
	Motion SFC monitor	Coming soon	Coming soon	—	—	—	—	—	—
	Log viewer	●	●	—	—	—	—	—	—
	Simulation Function *5	●	●	●	—	●	●	●	—

*1 GT15 and GT11 do not support the MELSEC iQ-R Series.
 *2 Supported in Microsoft® Windows® XP Service Pack 3 or later OS.
 *3 Connection with motion controller CPU (MELSEC iQ-R Series) is coming soon.
 *4 This is the function name for GOT1000.
 *5 Usable only when directly connecting a personal computer and an RCPU using a USB cable. Supported in Microsoft® Windows® XP Service Pack 3 or later.

■ GOT2000 Product List

GOTs

Category	Model name	Screen size	Display section	Display color	Panel color	Power supply	Remarks								
GT27	GT2715	GT2715-XTBA GT2715-XTBD	15" XGA	TFT color	65536 colors	Black	AC DC								
	GT2712	GT2712-STBA GT2712-STBD GT2712-STWA GT2712-STWD	12.1" SVGA												
		GT2710	GT2710-STBA GT2710-STBD GT2710-VTBA GT2710-VTBD GT2710-VTWA GT2710-VTWD					10.4" SVGA							
			GT2708					GT2708-STBA GT2708-STBD GT2708-VTBA GT2708-VTBD	8.4" SVGA 8.4" VGA						
	GT25							GT2512	GT2512-STBA GT2512-STBD	12.1" SVGA	TFT monochrome	Monochrome (black/white) 32 shade grayscale	Black	DC DC	
								GT2510	GT2510-VTBA GT2510-VTBD GT2510-VTWA GT2510-VTWD	10.4" VGA					
		GT2508							GT2508-VTBA GT2508-VTBD GT2508-VTWA GT2508-VTWD	8.4" VGA					
			GT21						GT2103	GT2103-PMBD GT2103-PMBDS					3.8" [320 x 128 dots]

Communication units

Product name	Model name	Specifications	Applicable model		
			GT27	GT25	GT21
Serial communication unit	GT15-RS2-9P	RS-232 serial communication unit (D-sub 9-pin male)	●	●	—
	GT15-RS4-9S	RS-422/485 serial communication unit (D-sub 9-pin female) *1 *2	●	●	—
	GT15-RS4-TE	RS-422/485 serial communication unit (terminal block) *1 Usable only when connecting to temperature controllers/indicating controllers via RS-485 or in GOT multi-drop connection	●	●	—
MELSECNET/H communication unit	GT15-J71LP23-25	Normal station unit (optical loop)	● *3	● *3	—
	GT15-J71BR13	Normal station unit (coaxial bus)	● *3	● *3	—
CC-Link IE Controller Network communication unit	GT15-J71GP23-SX	Normal station unit (optical loop)	●	●	—
CC-Link IE Field Network communication unit	GT15-J71GF13-T2	Intelligent device station unit	●	●	—
CC-Link communication unit	GT15-J61BT13	Intelligent device station unit CC-Link Ver. 2 compliant	●	●	—
Wireless LAN communication unit	GT25-WLAN	IEEE802.11b/g/n compliant, built-in antenna, station (wireless LAN adapter), connection to personal computer, for Japanese domestic use	●	●	—

*1 The unit may not be able to be used depending on the connection destination. Please refer to the GOT2000 Series Connection Manual.
 *2 The unit cannot be used when connecting to temperature controllers/indicating controllers via RS-485 (2-wire type).
 *3 Connection with the MELSEC iQ-R Series is coming soon.

The release date varies depending on the product and your region. For details, please contact your local sales office.

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The actual color may differ slightly from the pictures in this catalog.
 The actual display may differ from what are shown on GOT screen images.

⚠ Precautions for safe use

To use the products given in this document, always read the related manuals before starting to use them.

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