Graphic Operation Terminal GOT2000 NEWS Vol.15

GT Works3 Ver.1.255R
(May 2021 Release)

NEWS 1

Increased user memory capacity of GT27 model

Memory for operation (RAM): 128 MB ➡ 256 MB

NEWS 2

Antibacterial/Antiviral Protective Sheet is available

Protects the operation surface from bacteria and viruses

NEWS 3

Expanded the video output function

Different screens can be displayed on GOT and an external display
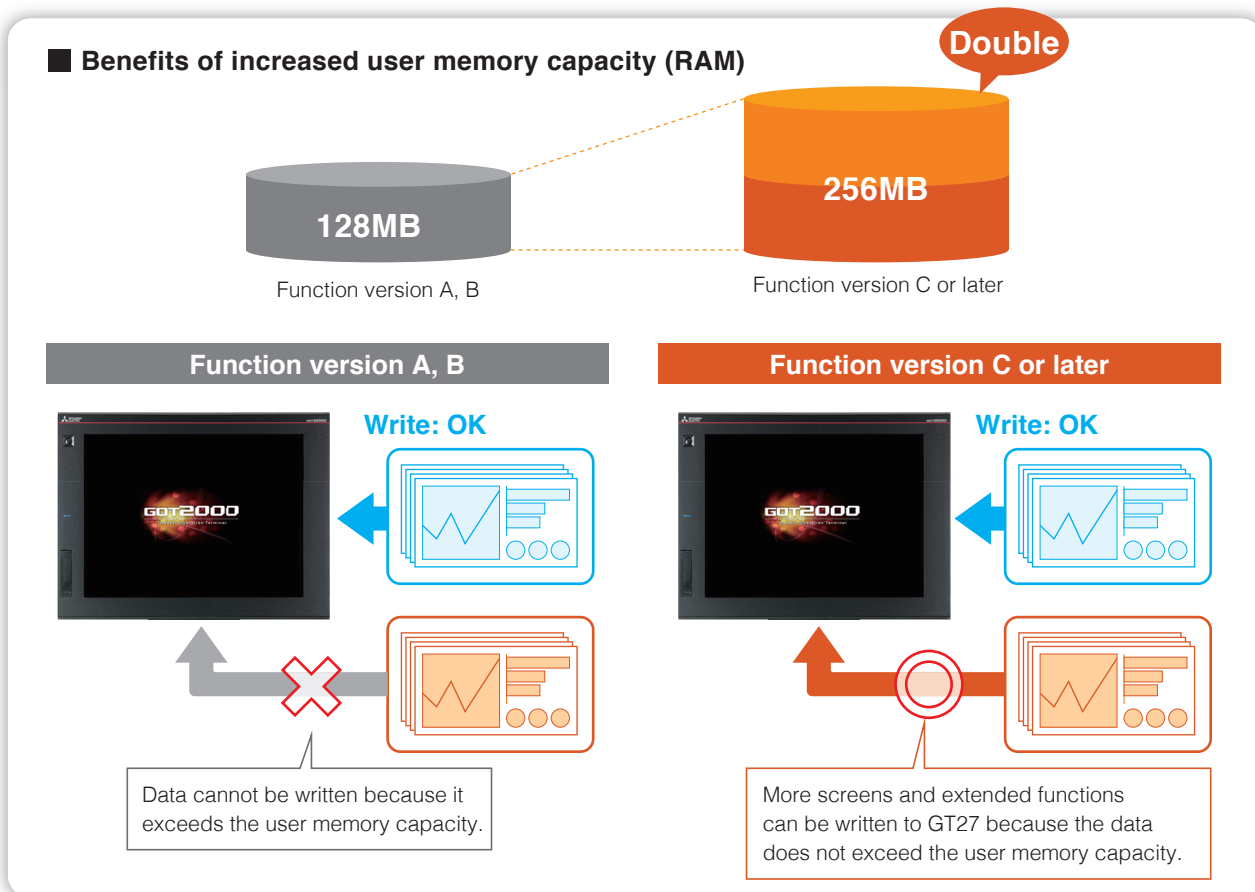
Increased user memory capacity of GT27 model

On GT27 models*1, the memory for operation (RAM) has been increased from 128 MB to 256 MB. It is possible to write more screens and extended functions to GT27 than ever.

GT27 models with increased memory for operation (RAM) have the function version C or later and it is written on the rating plate. To use more than 128 MB of memory for operation (RAM), GT Works3 Version 1.255R or later is required.

For the details, please refer to following Technical Bulletin.

• Change of the Storage Capacity of the User Area in the Operation Memory (RAM) for GT27 Models for Overseas (No. GOT-A-0162)

*1 Except GT2705-VTBD.

■ **Benefits of increased user memory capacity (RAM)**

Double

128MB

256MB

Function version A, B

Function version C or later

Function version A, B	Function version C or later
Write: OK	Write: OK

Data cannot be written because it exceeds the user memory capacity.

More screens and extended functions can be written to GT27 because the data does not exceed the user memory capacity.

Antibacterial/Antiviral Protective Sheet is available

The new Antibacterial/Antiviral Protective Sheet protects the GOT screen from scratches and dirt when you operate touch keys, while protecting the operation surface from bacteria and viruses.

The clear protective sheet has excellent transparency and does not reduce the brightness of the GOT screen.

SIAA
ISO 21702
抗ウイルス加工
Anti-Virus
JP0612310A0003R

Anti-Virus

Reduce the number of specific viruses on the product surface by 99.99%

SIAA
ISO 22196
抗菌加工
Anti-Bacteria
JP0122310A0004O

Anti-Bacteria

Suppress the growth of bacteria on the product surface to 1/100 or less compared to no anti-bacterial treatment products

For the details, please refer to GOT2000 NEWS Vol.14 (L(NA)08796ENG).

Different screens can be displayed on GOT and an external display

The screen displayed in the overlap window can now be outputted to an external display, in addition to the screen which is being displayed on GOT.

With this feature, the external display can show a screen different from the operation screen on GOT, and thus the screen for monitoring the process can be displayed while displaying the screen for operating the device.

In addition, by placing a sub-display, GOT can be operated while checking the additional information of equipment (such as device manuals).

■ How to use an external display

Case 1 Visualize production line by utilizing GOT

The screen for monitoring the process can be displayed separately from the screen for operating the device.

External display for monitoring the process

Option unit

GOT2000 for operating the device

Case 2 Improve operability of GOT by displaying equipment information on a sub-display

Display the equipment information that does not fit in the GOT screen.

Option unit

Can be operated while checking the additional information.

GOT2000 for operating the device

External display for displaying the additional information

■ Required items

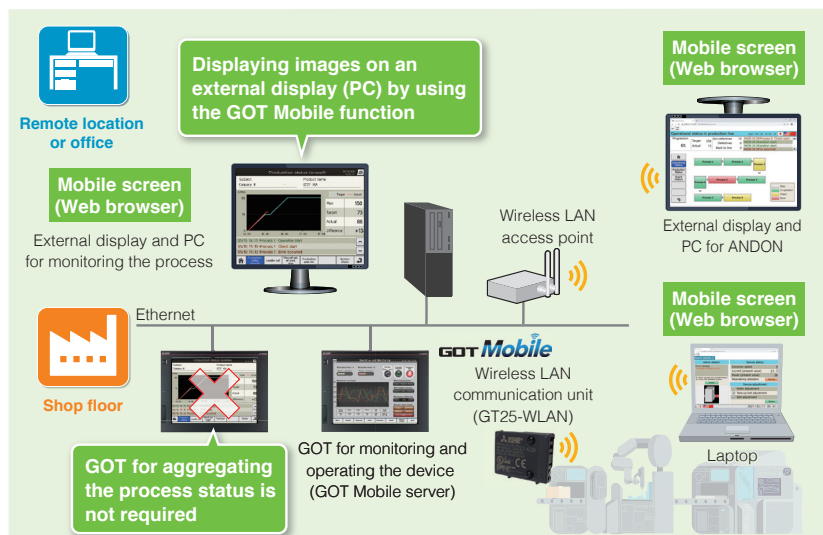| Classification	Equipment		Remarks
GOTs	GT27 model		Except GT2705-VTBD.
Option units	RGB output unit	GT27-ROUT	Discontinued GT27-ROUT-Z can also be used.
	Digital video output unit	GT27-VHOUT	
Cables	Analog RGB cable	GT15-C50VG	Required when using RGB output unit (GT27-ROUT)
	HDMI cable	—	When using digital video output unit (GT27-VHOUT), prepare an HDMI certified cable (Type A).
Software	HMI/GOT Screen Design Software MELSOFT GT Works3		Write the basic system application and BootOS to the GOT using GT Works3 Version 1.255R or later.

Tip Another useful example

By using the GOT Mobile function, different images can be displayed on GOT and external displays.

[Recommended for the following situations]

▶ Displaying images on multiple external displays

▶ Checking the GOT screens on an external display from a remote location

* In this example, the GOT Mobile function license is required. For the detail of the license and supported GOTs, please refer to the Graphic Operation Terminal GOT2000 Series / GOT SIMPLE Series catalog (L(NA)08270ENG).

Remote location or office

Mobile screen (Web browser)

Displaying images on an external display (PC) by using the GOT Mobile function

Mobile screen (Web browser)

External display and PC for monitoring the process

Wireless LAN access point

Mobile screen (Web browser)

External display and PC for ANDON

Mobile screen (Web browser)

Laptop

Ethernet

Shop floor

GOT for aggregating the process status is not required

GOT for monitoring and operating the device (GOT Mobile server)

GOT Mobile

Wireless LAN communication unit (GT25-WLAN)

■ Product list

GT27 models (with increased user memory capacity)

Classification	Model	Screen size	User memory capacity	Display section Display color	Panel color	Power
GT2715	GT2715-XTBA	15" XGA	Memory for storage (ROM): 57 MB Memory for operation (RAM): 256 MB	TFT color 65536 colors	Black	100 V AC to 240 V AC
	GT2715-XTBD					24 V DC
GT2712	GT2712-STBA	12.1" SVGA			Black	100 V AC to 240 V AC
	GT2712-STBD					24 V DC
	GT2712-STWA				White	100 V AC to 240 V AC
	GT2712-STWD					24 V DC
GT2710	GT2710-STBA	10.4" SVGA			Black	100 V AC to 240 V AC
	GT2710-STBD					24 V DC
	GT2710-VTBA	10.4" VGA				100 V AC to 240 V AC
	GT2710-VTBD					24 V DC
	GT2710-VTWA				White	100 V AC to 240 V AC
	GT2710-VTWD					24 V DC
GT2708	GT2708-STBA	8.4" SVGA			Black	100 V AC to 240 V AC
	GT2708-STBD					24 V DC
	GT2708-VTBA	8.4" VGA				100 V AC to 240 V AC
	GT2708-VTBD					24 V DC

Antibacterial/Antiviral Protective Sheet

Model		Specifications	Supported model	
			GT27	GT25*1
GT25-12PSAC	For 12.1"	• Clear type　• Material: acrylic (PMMA)	●	●
GT25-10PSAC	For 10.4"	• Transparent　• A set of 5 sheets	●	●
GT25-10PSAC	For 8.4"	• With a hole for the USB environmental protection cover	●	●

*1 The antibacterial/antiviral protective sheet is not available for the GT25 wide, GT25 open frame, GT25 rugged, and GT25 handy models.

Option units, cable, communication unit (supporting digital video output)

Product name	Model	Specifications	Supported model	
			GT27	GT25
RGB output unit*1	GT27-ROUT	For analog RGB output, 1 channel (slim unit)	●*2	×
Digital video output unit	GT27-VHOUT	For digital video output, 1 channel HDMI Type A connector	●*2	×
Analog RGB cable	GT15-C50VG*3	For connecting an RGB image output device (external monitor, personal computer, or others) and the GOT, 5 m	●*2	×
Wireless LAN communication unit*4	GT25-WLAN	IEEE802.11b/g/n compliant, built-in antenna, wireless LAN access point (base station)*5, station (client), connection to personal computer, tablet, smartphone Compliance with*6: Japan Radio Law, FCC standards, RE Directive*7 (R&TTE Directive), SRRC, KC	●	●*8

*1 Discontinued GT27-ROUT-Z can also be used.　*2 Not available to GT2705-VTBD.　*3 Developed by Mitsubishi Electric Systems & Service Co., LTD. and sold through your local sales office. *4 Data transfer in wireless LAN communication may not be as stable as that in cable communication. A packet loss may occur depending on the surrounding environment and the installation location. Be sure to perform a confirmation of operation before using this product.　*5 When [Operation Mode] is set to [Access Point] in [Wireless LAN Setting] of GT Designer3, up to five stations are connectable.　*6 The product with hardware version A complies with Japan Radio Law and can be used only in Japan. The product with hardware version B or later complies with FCC standards and R&TTE Directive and can be used in Japan, the United States, the EU member states, Switzerland, Norway, Iceland, and Liechtenstein. The product with hardware version D or later complies with SRRC and KC and can be used in Japan, the United States, the EU member states, Switzerland, Norway, Iceland, Liechtenstein, China (excluding Hong Kong, Macau, Taiwan), and South Korea. For the latest information about countries where the unit can be used, please refer to the Mitsubishi Electric Factory Automation Global website (www.MitsubishiElectric.com/fa/).　*7 The product complies with the RE Directive from March 31, 2017.　*8 Not available to GT2505-VTBD, GT2506HS-VTBD, and GT2505HS-VTBD.

Software

Product name	Model		Description	
HMI/GOT Screen Design Software MELSOFT GT Works3	SW1DND-GTWK3-E	English Version	Standard license product	DVD-ROM
	SW1DND-GTWK3-EA		Volume license product*1*2	
	SW1DND-GTWK3-EAZ		Additional license product*1*3	

*1 The desired number of licenses (2 or more) can be purchased. For details, please contact your local sales office.　*2 Volume license product is not sold separately and should be purchased with the standard license product.　*3 This product does not include the DVD-ROM. Only the license certificate with the product ID No. is issued.

⚠ **Precautions for safe use**

To use the products given in this publication properly, always read the relevant manuals before beginning operation.

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.

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