



for a greener tomorrow



FACTORY AUTOMATION

Graphic Operation Terminal



# GOT2000 Series Wide Model



**GOT2000** *Wide*  
Graphic Operation Terminal

# GLOBAL IMPACT OF MITSUBISHI ELECTRIC



Through Mitsubishi Electric's vision, "Changes for the Better" are possible for a brighter future.

## *Changes for the Better*

We bring together the best minds to create the best technologies. At Mitsubishi Electric, we understand that technology is the driving force of change in our lives. By bringing greater comfort to daily life, maximizing the efficiency of businesses and keeping things running across society, we integrate technology and innovation to bring changes for the better.

Mitsubishi Electric is involved in many areas including the following

### **Energy and Electric Systems**

A wide range of power and electrical products from generators to large-scale displays.

### **Electronic Devices**

A wide portfolio of cutting-edge semiconductor devices for systems and products.

### **Home Appliance**

Dependable consumer products like air conditioners and home entertainment systems.

### **Information and Communication Systems**

Commercial and consumer-centric equipment, products and systems.

### **Industrial Automation Systems**

Maximizing productivity and efficiency with cutting-edge automation technology.

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**GOT2000** *Wide*  
Graphic Operation Terminal





# Suitable for a wide range of applications

The widescreen elegant body style presents a large amount of information with a high picture quality

1  
Lineup



\* Note that GT2107 and GT2507 have the same external dimensions; however, GT2107 has no POWER LED on the front face.





Large amounts of information  
in the wide display area

Stylish and compact model  
with narrow bezel

Smart silver, cool black

## GT25 wide model

Ethernet 2 ports	CC-Link IE Field Basic	RS-232	RS-422/485
Sound output interface	Support wireless LAN communication unit	Memory for storage (ROM) 32MB	Memory for operation (RAM) 128MB



GT2510-WXTBD



GT2510-WXTSD

10.1" Wide

WXGA

DC power

Display section: TFT color LCD  
Display color: 65536 colors  
Resolution: 1280 x 800 dots



GT2507-WTBD



GT2507-WTSD

7" Wide

WVGA

DC power

Display section: TFT color LCD  
Display color: 65536 colors  
Resolution: 800 x 480 dots

## GT21 wide model

Ethernet	CC-Link IE Field Basic	RS-232	RS-422/485
Memory for storage (ROM) 15MB			



GT2107-WTBD



GT2107-WTSD

7" Wide

WVGA

DC power

Display section: TFT color LCD  
Display color: 65536 colors  
Resolution: 800 x 480 dots

## HMI/GOT Screen Design Software

Professional Designs in Just a Few Clicks

You can design GOT widescreens  
with GT Works3, familiar software  
that can be commonly used for  
the GOT2000 Series.

GOT Screen Design Software  
**MELSOFT GT Works3**





# GT25 wide model

Various interfaces are equipped in a compact body.  
The GOT wide model embodies the ideal features of HMI.



**Ultra high resolution WXGA:**  
1280 × 800 dots \* 10.1 inch model



**Two Ethernet ports are equipped as standard**



**Built-in sound output interface**



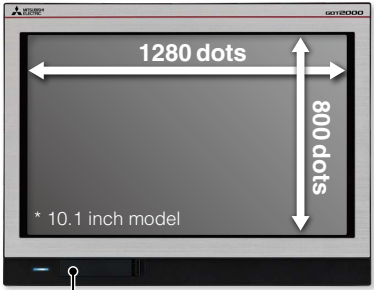
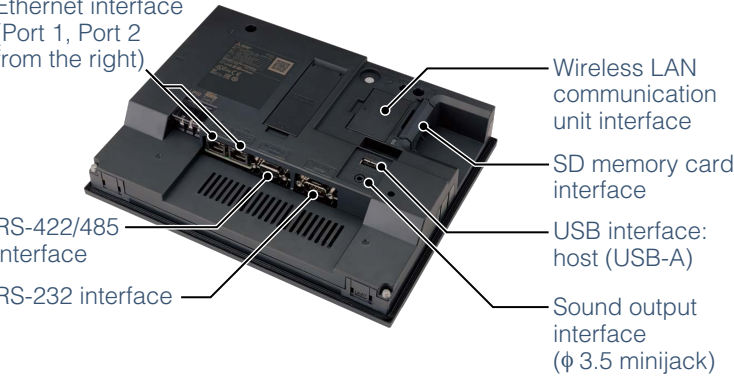
**Support wireless LAN communication unit**

## Specifications

Item	Specifications	
	GT2510-WXTBD GT2510-WXTSD	GT2507-WTBD GT2507-WTSD
Display	10.1" Wide, TFT color LCD, 65536 colors	7" Wide, TFT color LCD, 65536 colors
Resolution	WXGA 1280 × 800 dots	WVGA 800 × 480 dots
Backlight	White LED	
User memory	Memory for storage (ROM): 32 MB Memory for operation (RAM): 128 MB	
Standard interface	Ethernet (2 ports), RS-232, RS-422/485, USB host (USB-A), USB device (USB Mini-B), sound output, SD memory card interface, wireless LAN communication unit interface	

## Various interfaces

Ethernet interface  
(Port 1, Port 2 from the right)



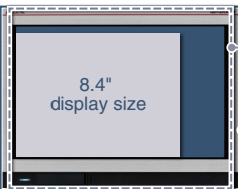
USB interface: device (USB Mini-B)



**Ultra high resolution display improves expressiveness**

Ultra high resolution WXGA screen\* displays necessary and sufficient information on one screen. \* 10.1 inch model  
> For more details, see page 10 and page 11.

**About 1.3 times larger display in almost the same external dimensions**



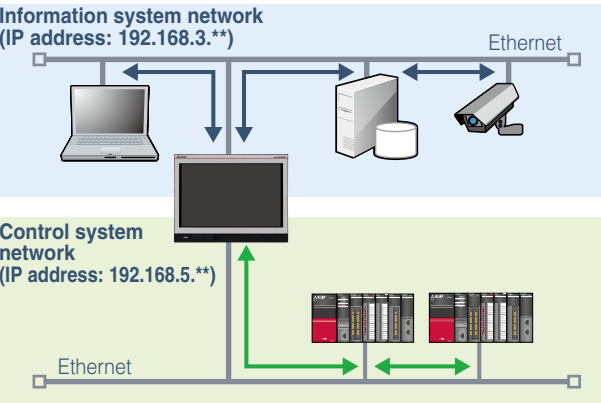
<b>Standard</b>	GT2508-V external dimensions:
8.4"	241 (W) × 194 (H) × 52 (D) mm (9.49 (W) × 7.64 (H) × 2.05 (D) inch)
<b>Wide</b>	GT2510-W external dimensions:
10.1"	252 (W) × 194 (H) × 48 (D) mm (9.92 (W) × 7.64 (H) × 1.89 (D) inch)

**About 3.3 times higher resolution displays small characters clearly**



**Separate the network with two Ethernet ports**

Two Ethernet ports physically separate the information system network in the office from the control system network at the production site. The network architecture becomes safer and more secure by setting different IP addresses for each network.





### Add value to your system with sound notification

The built-in sound output interface makes it easy to implement the sound notification system. Not only by displaying the contents of events on the screen but also by notifying with sound, you can convey the necessary information to the operators.

> For more details, see page 12 and page 13.



Sound output device (speaker with built-in amplifier, etc.)



Please remove the workpiece.



### Wireless network makes remote maintenance easy

Installing the wireless LAN communication unit on GOT enables wireless LAN connection between a personal computer and the GOT\*. In addition to transferring project data, you can use the FA transparent function, the GOT Mobile function, and others.



GOT  
+ Wireless LAN communication unit\*

**GOT<sup>Mobile</sup>**



\* A separate access point can also be used.





# GT21 wide model

Compact body with basic functions and high resolution LCD.  
The GOT wide model satisfies your needs in various applications.



**High resolution WVGA:**  
800 × 480 dots



**Ethernet, USB host (USB-A)**  
equipped as standard



**Support VNC server**  
function



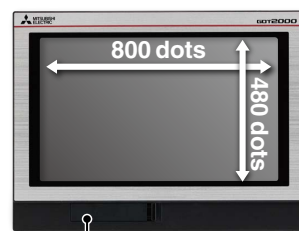
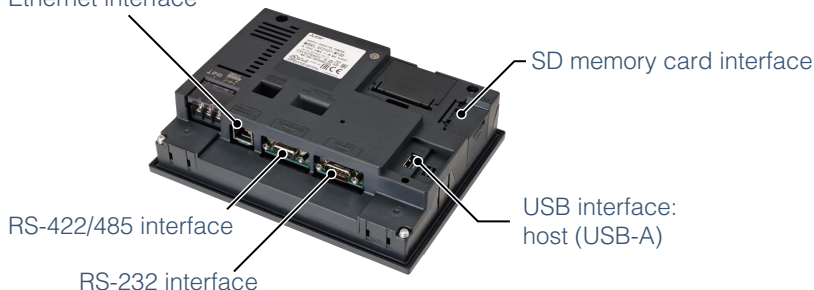
**Support outline font and**  
antialiasing

## Specifications

Item	Specifications
	GT2107-WTBD GT2107-WTSD
Display	7" Wide, TFT color LCD, 65536 colors
Resolution	WVGA 800 × 480 dots
Backlight	White LED
User memory	Memory for storage (ROM): 15 MB
Standard interface	Ethernet, RS-232, RS-422/485, USB host (USB-A), USB device (USB Mini-B), SD memory card interface

## Various interfaces

Ethernet interface



USB interface: device (USB Mini-B)



**Widescreen displays large**  
amounts of information

High resolution WVGA screen has sufficient display area for long alarm messages.

> For more details, see page 10 and page 11.

**About 1.4 times larger display in almost the same external dimensions**



**Standard** 5.7" GT1055-Q external dimensions:  
164 (W) × 135 (H) × 56 (D) mm  
(6.46 (W) × 5.32 (H) × 2.21 (D) inch)

**Wide** 7" GT2107-W external dimensions:  
189 (W) × 142 (H) × 48 (D) mm  
(7.44 (W) × 5.59 (H) × 1.89 (D) inch)

**5 times higher resolution greatly increases expressiveness**

**Standard**

QVGA 320 × 240 dots



**Wide**

WVGA 800 × 480 dots



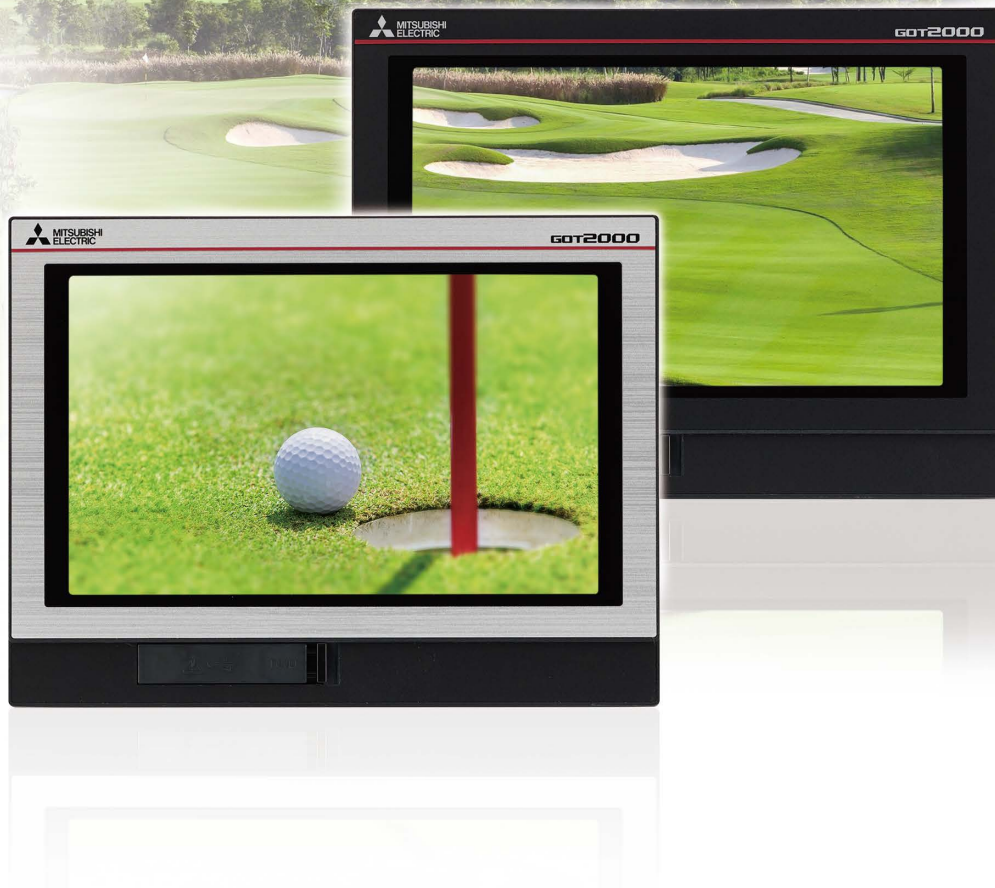
**Connect one GOT to various**  
industrial devices\*

Ethernet (1 port) and various interfaces are equipped as standard. The first GT21 model with the USB host enables you to connect a USB mouse and keyboard, or transfer data using a USB memory.

> For more details, see page 16 and page 17.



\* GT2107-W only among GT21 models.



### Remote monitoring provides wide access to application\*

Remote monitoring with the VNC server function is now available on GT21. By remotely connecting to GOT from personal computer or tablet, you can operate, monitor production equipment and connect to system devices.



### Enhanced graphics\*

Outline fonts can now be used on GT21. Antialiasing smooths out jagged text edges and displays clear characters, offering improved visibility of screen display.



\* GT2107-W only among GT21 models.

**Standard** 16dot HQ Gothic

Happy

**Wide** Outline Gothic (antialiasing enabled)

Happy

Clear characters improves visibility

\* GT2107-W only among GT21 models.

# Improve visibility and operation of your application with GOT wide model

The GOT wide model has various advantages and benefits

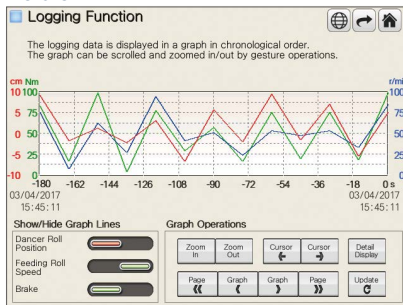
The greater amount visual information, the higher productivity

✓ GT25 Wide ✓ GT21 Wide



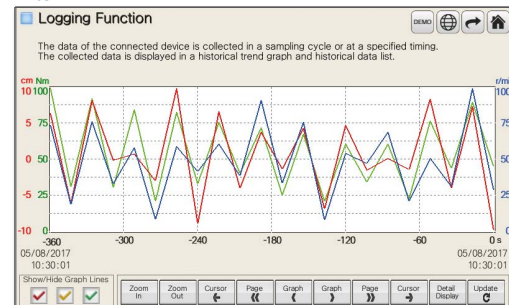
## Increase the graph display area

Before



On wide model

After



The wider graph display area enables you to check a large amount of logged trend data.

## Increase alarm information

Before

Alarm Function		
The display order of occurring alarms is sorted by hierarchy, level, or alarm status.		
Occurred	Message	Rest.
3/ 4/2017 15:46:44	Parameter error	15:46
3/ 4/2017 15:46:44	Fuel error	15:46
3/ 4/2017 15:46:44	Internal pressure error	15:46
3/ 4/2017 15:46:44	Timing belt fault	15:46
3/ 4/2017 15:46:44	Apparatus life	15:46
3/ 4/2017 15:46:44	Oil pressure error	15:46
3/ 4/2017 15:46:44	Battery error	15:46
3/ 4/2017 15:46:44	Fuse error	15:46
3/ 4/2017 15:46:44	Parameter error	15:46

On wide model

After

Alarm Function		
The display order of occurring alarms is sorted by hierarchy, level, or alarm status.		
Hierarchy Switching		
Occurred	Message	Rest.
03/04/2017 15:46:59	Parameter error	15:46
03/04/2017 15:46:59	Fuel error	15:46
03/04/2017 15:46:59	Internal pressure error	15:46
03/04/2017 15:46:59	Timing belt fault	15:46
03/04/2017 15:46:59	Apparatus life	15:46
03/04/2017 15:46:59	Oil pressure error	15:46
03/04/2017 15:46:59	Battery error	15:46
03/04/2017 15:46:59	Fuse error	15:46
03/04/2017 15:46:59	Parameter error	15:46

Move the operation menu to the side of the widescreen and you can check more alarms.

## Always show numeric keypad

Before

Production				
Process 1	Process 2	Process 3	Process 4	Process 5
Lot No. HA-1248B				
No. 56	HA-1248B	No. 56	HB-1248B	
Time	Current	Predicted	Achieved	Operation speed
15:48	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High

On wide model

After

Production				
Process 1	Process 2	Process 3	Process 4	Process 5
Lot No. HA-1248B				
No. 56	HA-1248B	No. 56	HB-1248B	
Time	Current	Predicted	Achieved	Operation speed
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High
15:49	3456	3456	3456	Low
15:49	3456	3456	3456	Medium
15:49	3456	3456	3456	High

Put the numerical keypad on the base screen and operate the screen while viewing necessary information.



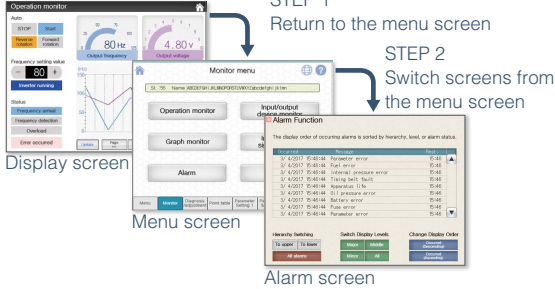


## Improve operability by always displaying the menu

✓ GT25 Wide ✓ GT21 Wide

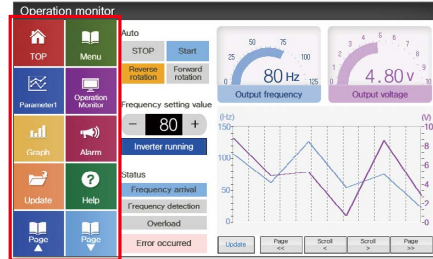
## Quickly change screens from every display screen

Before



Do I always have to return to the menu screen?

After



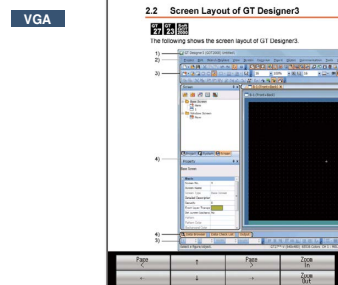
Arrange the menu on the side of the widescreen and switch screens with just one touch operation.

## Display the whole page vertically using the document display function

✓ GT25 Wide □ GT21 Wide

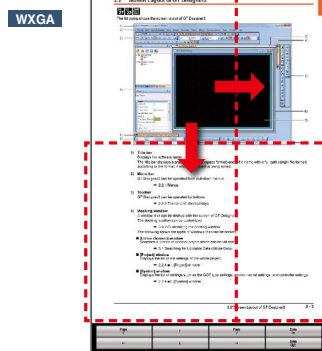
## View the whole page on one screen

Before



The necessary information is not displayed on one page. It is troublesome to scroll the page...

After



Display the whole document page and check the information quickly.

## Install GOT in confined spaces

✓ GT25 Wide ✓ GT21 Wide

## Downsize the operation panel



On wide model



The compact body can be installed vertically and enables downsizing of the machine.

# Convey information easily and reliably with sound

GT Works3 can now be used to synthesize speech data.  
Sound files can be created easily.



## Support sound file creation

☒ GT25 Wide ☐ GT21 Wide

### Speech synthesis function\*1

Just enter text in GT Works3 to create a sound file of a message. (Up to 500 files can be registered.) Messages can be created in 6 languages and you can select the speaker (female/male) for each language. In addition, using FA Term Translation Tool\*2 together can reduce time for multi-language screen creation and support globalization of the system.

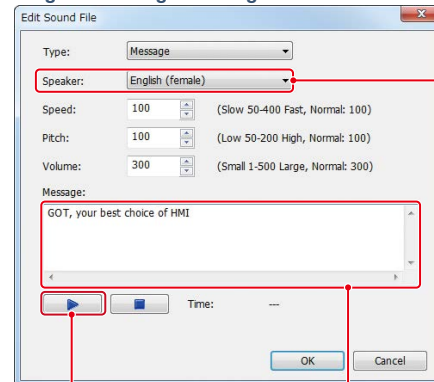
\*1 GT Works Text to Speech License (SW1DND-GTVO-M) is required separately.

\*2 This tool is included with GT Works3. For the details, please refer to page 18 or contact your local sales office.

#### Supported language



#### Image of creating a message



Select language and gender of speaker

Playback and check the sound

Enter an arbitrary message

## Enhanced playback functions of sound files

☒ GT25 Wide ☐ GT21 Wide

Multiple files can be set and played back consecutively (up to 16 files). The playback time is now longer than before so that various messages can be used.

#### Sound file specifications

Item	Specifications
Sound file format	WAV format
Sampling frequency	8.000 kHz/16.000 kHz
Channel number	1 channel (monoral)
Maximum playback time	30 seconds per file 480 seconds for consecutive playback (up to 16 files)
Consecutive playback (by switch or trigger action)	Up to 16 files can be set
Playback specifications	Mute/cancel is supported

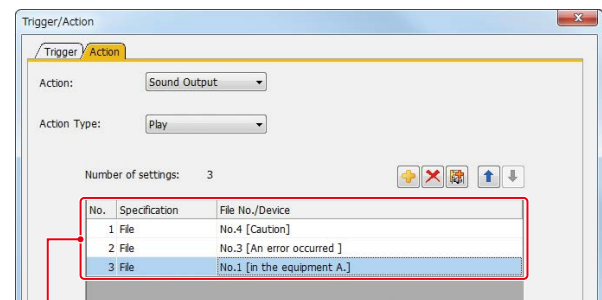
#### Cancel or mute the sound while it is being played back

After checking the situation, you can stop or mute the sound while it is being played back so that you do not need to worry about annoying other operators.

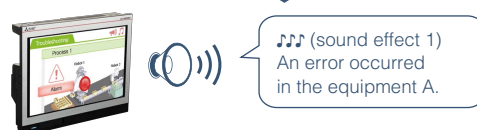


#### Easily set consecutive playback list (by switch operation or trigger action)

In GT Works3, just specify the files in the playlist in the order of your preference and the files are played back consecutively.



By setting actions, the sound files are played back in the order specified in the list. Up to 16 sound files can be specified.



#### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the relevant product manual.

## Sound notification is useful at the worksite

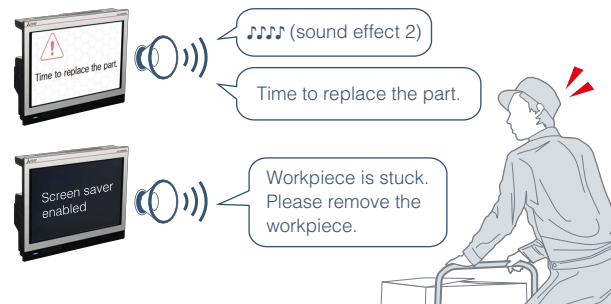
☒ GT25 Wide ☐ GT21 Wide

### Use message, sound effect, or melody to notify occurring events

When an alarm occurs, outputting a warning message or a warning sound can reliably convey the information to the operators who are working away from the GOT. It is also usable while screen saver is active. Quickly notify the alarm information and the error cause of the equipment to reduce the downtime of the system.

#### Playable sound file types

Message	Sound effect	Melody
Create from arbitrary text	More than 50 files are included	More than 10 files are included



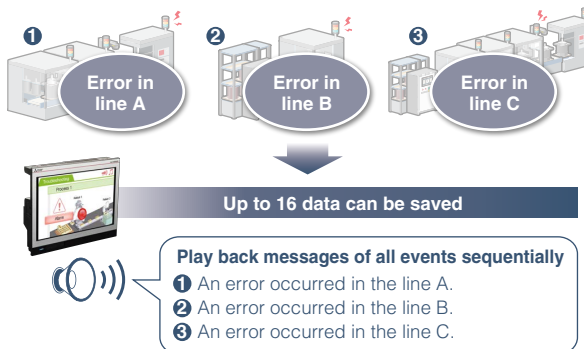
## Additional functions

☒ GT25 Wide ☐ GT21 Wide

### Even if multiple errors occur, playback all messages

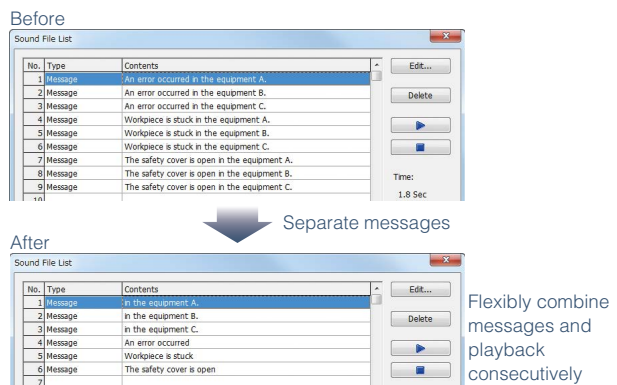
If multiple errors occurred simultaneously, GOT saves up to 16 data and notify all events. There is no need to worry about missing some occurred events.

#### Even if multiple errors occur simultaneously...



### Consecutive playback reduces data size

You can extract common parts and register them as separate sound data to avoid saving duplicate data and reduce data size. To change messages, simply change the combination.



## Useful tips about using sound notification

☒ GT25 Wide ☐ GT21 Wide

### Change touch sound depending on the situation

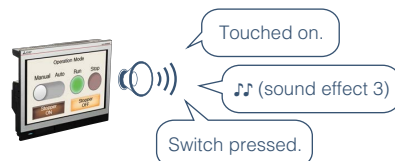
The touch sound can be changed depending on the worksite situation or the operator's preference.

#### Touch sound for various situations



#### Touch sound for each operator

Preferred touch sound can be set.



### Use as the sound guidance when touching a switch

When touching a switch, a message guides you to the next operation and notifies cautions so that you can avoid operation mistakes in advance.



### Announce a message in various languages sequentially

When there are operators who understand different languages, you can convey necessary information correctly to every operator.



#### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the relevant product manual.



## GOT Smart Web-based Remote Solutions

**The GOT2000 improves visualization accessibility and reduces total cost of ownership**

For the details of the GOT Mobile function, please refer to the following catalog.

- GOT Smart Web-based Remote Solutions Leaflet (L(NA)08399ENG)



### Monitor your worksite from a remote location

☒ GT25 Wide ☐ GT21 Wide

#### GOT Mobile function

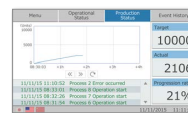
Via GOT at the worksite, monitor the connected devices from computers and tablets in a remote location. By creating screens of different sizes depending on the device to use, you can display only necessary information in an easy-to-view layout.

- \* A separate license (GT25-WEBSKEY-□) is required.
- \* Up to five clients can connect to one GOT at the same time.
- \* Web browser (Google Chrome or Safari) is required on the client.

Monitor at the production site, from inside or outside the office simultaneously

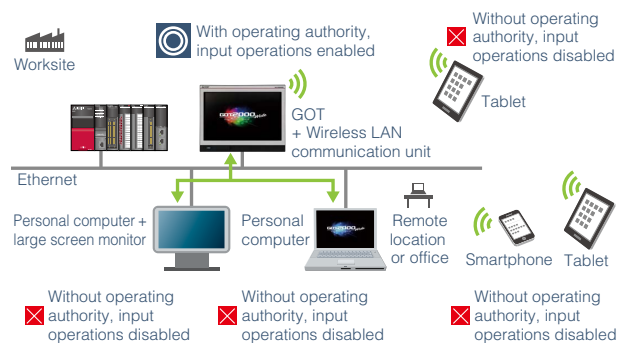


Flexibly design screens depending on the device



### Adjust and start up production by up to five operators simultaneously without worrying about simultaneous operations

Up to five information devices (clients) can simultaneously access a single GOT. Exclusive control of authorization prevents conflicts between the on-site GOT and remote access device. (GOT network interaction)

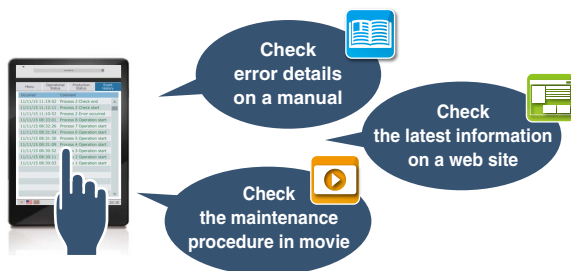


### Application examples

☒ GT25 Wide ☐ GT21 Wide

#### Quickly check the necessary information and reduce downtime

Prepare necessary manuals, web sites, and movie manuals in advance and you can check the information you need on tablets. (Hyperlink function)

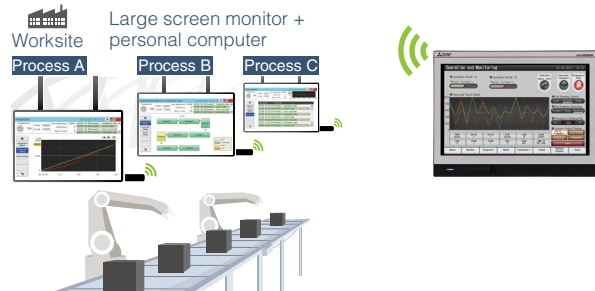


#### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the Graphic Operation Terminal GOT2000 Series Catalog (L(NA)08270ENG) or the relevant product manual.

#### Implement the ANDON system easily

Use GOT with a large screen monitor and a personal computer and you can implement the ANDON system. Each monitor can display a different initial screen just by turning on the power of the system. (ANDON function)



## GOT Easy Drive Control Interactive Solutions

**Support startup, adjustment of servo systems with advanced functionality and improved connectivity**

For the details of the GOT2000 Series drive control interactive functions, please refer to the following catalog.

- GOT2000 Drive Control (Servo) Interactive Solutions catalog (L(NA)08335ENG)



**Support startup, adjustment, and maintenance of servo systems** ☒ GT25 Wide ☒ GT21 Wide

### Drive control interactive functions

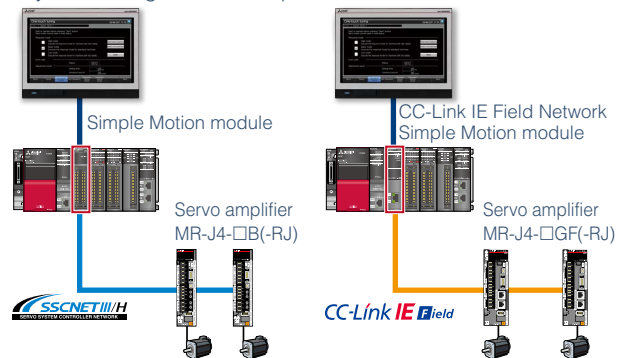
The GOT2000 provides major functions of MR Configurator2 (supporting MR-J4). The GOT Drive enhanced functionality is designed to eliminate need for additional hardware, software and suits customers' applications to speed up system startup, improve maintenance and troubleshooting.

### Check the status of servo amplifier

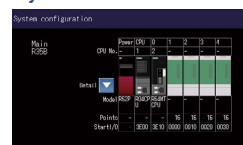
The system launcher function supports SSCNET III/H. A graphical configuration diagram indicates the status of servo amplifier so that you can quickly identify the error cause and solve the problem. The drive recorder function can be started from the configuration diagram screen.

\* Not supported by GT21.

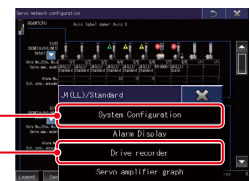
### System configuration example



### System launcher function



Display the serial number of servo amplifier and motor. File output is also supported.

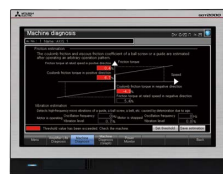
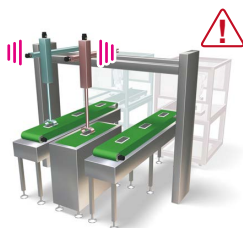


Select a servo amplifier and analyze the waveform in the drive recorder function.

**Support preventive maintenance of a servo system** ☒ GT25 Wide ☒ GT21 Wide

### Machine diagnosis function

GOT displays the screen equivalent to the machine diagnosis of MR Configurator2 maintenance function. In addition, GOT can be used to log estimation values of servo amplifier and set threshold values so that you can compare these values to predict machine deterioration and make preventive maintenance easy.



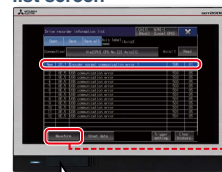
Perform preventive maintenance before the machine stops

**Identify error cause of a system problem** ☒ GT25 Wide ☐ GT21 Wide

### Drive recorder function

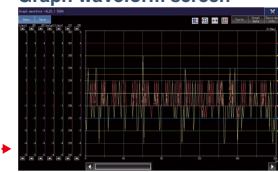
GOT displays the screen equivalent to the drive recorder of MR Configurator2. The data before and after the alarm occurrence can be read from the servo amplifier and displayed in a waveform or a list form so that you can quickly solve the problem.

### Drive recorder information list screen



Store the servo data on the GOT's SD memory card or USB memory, and check and analyze in your office.

### Graph waveform screen



### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the Graphic Operation Terminal GOT2000 Series Catalog (L(NA)08270ENG) or the relevant product manual.

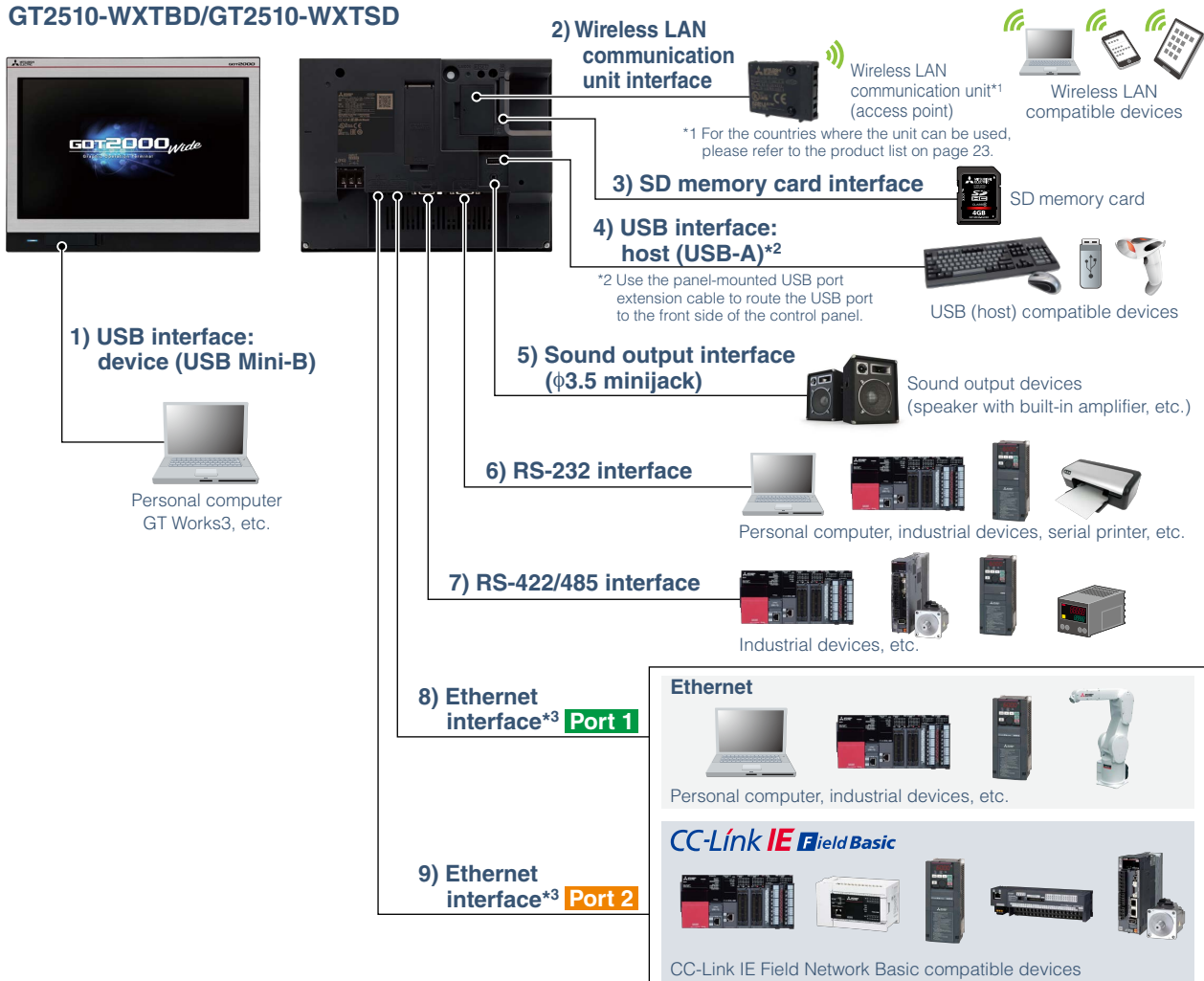
# Easily connect to various industrial devices

Simply connect to various controllers using built-in interfaces of GOT



## Built-in interfaces of GOT to connect to various industrial devices

### GT2510-WXTBD/GT2510-WXTSD



\*3 Both Ethernet interfaces (Port 1 and Port 2) can be used to connect to Ethernet compatible devices and CC-Link IE Field Network Basic compatible devices.

### GT2507-WTBD/GT2507-WTSD



### GT2107-WTBD/GT2107-WTSD



#### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the Graphic Operation Terminal GOT2000 Series Catalog (L(NA)08270ENG) or the relevant product manual.



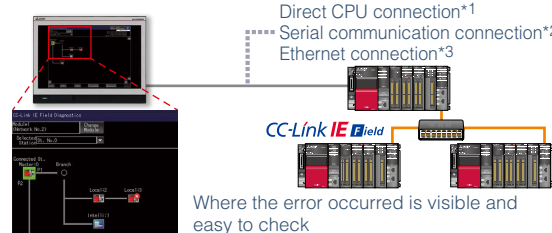


## Support quick troubleshooting

☑ GT25 Wide ☐ GT21 Wide

### CC-Link IE Field Network diagnostics

GOT can be used to check the CC-Link IE Field Network diagnostics screen. The function enables you to identify the error in the network at a glance without using a personal computer. If a problem occurs, you can quickly check where the error occurs, the error cause, and the event history and reduce downtime.



\*1 RCPUCPU and FX5CPU do not support direct CPU connection.

\*2 FX5CPU does not support serial communication connection.

\*3 Connection to the Ethernet interface module of a programmable controller is not supported.

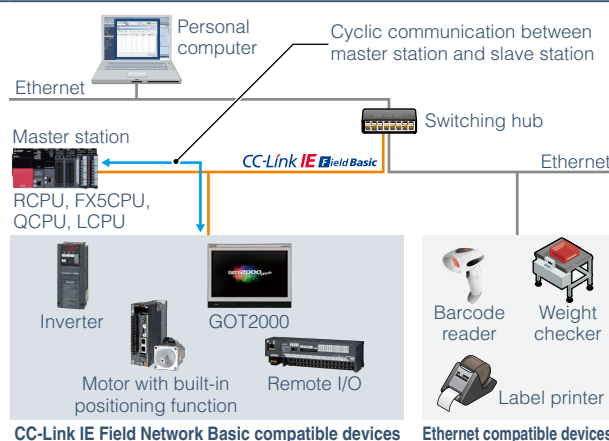
## Highly flexible system configuration

☑ GT25 Wide ☑ GT21 Wide

### Support CC-Link IE Field Network Basic

Use the standard Ethernet interface and connect GOT with CC-Link IE Field Network Basic compatible devices. Cyclic communication is supported. Ethernet TCP/IP communication can be used together with CC-Link IE Field Network Basic so that you can design more flexible system.

\* For the details, please refer to the Technical Bulletin No. GOT-A-0104.

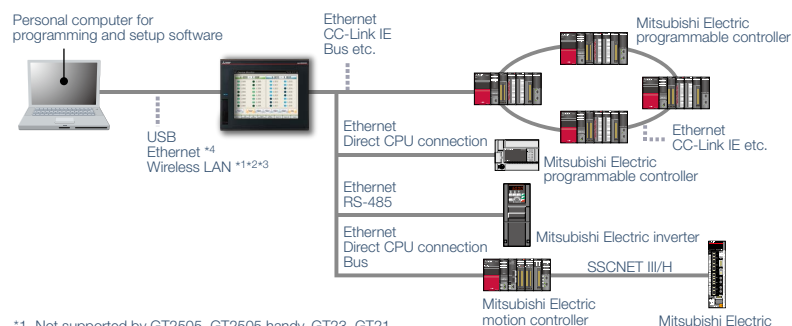


## Easy debugging

☑ GT25 Wide ☑ GT21 Wide

### FA transparent function

By connecting a personal computer to the front USB interface on the GOT, you can use the GOT as a transparent gateway to enable programming, startup, and adjustment of industrial devices. Users do not have to bother with opening the cabinet or changing cable connections.



\*1 Not supported by GT2505, GT2505 handy, GT23, GT21.

\*2 Installation of the wireless LAN communication unit (GT25-WLAN) is required on the GOT.

\*3 For the countries where the wireless LAN communication unit can be used and other details, please refer to page 23.

\*4 Not supported by GT2505, GT2505 handy, GT23, and GT21 when the GOT is connected to controllers via Ethernet connection.

\*5 GT21 does not support connection to Mitsubishi Electric servo amplifiers.

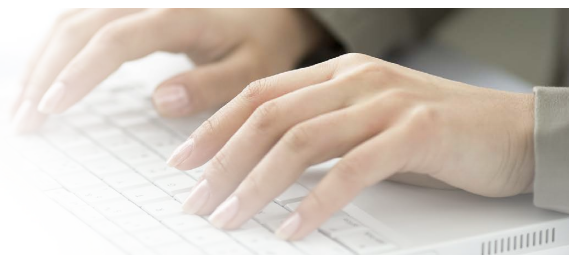
### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the Graphic Operation Terminal GOT2000 Series Catalog (L(NA)08270ENG) or the relevant product manual.

# Support screen creation and globalization

Various reuse features help you reduce time for screen creation.

A convenient tool will help you more with your multi-language screen creation.



## HMI/GOT Screen Design Software

### Professional designs in just a few clicks

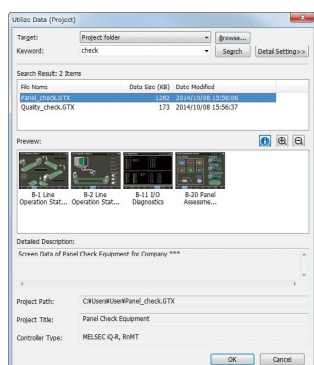
This integrated software is used to create professional screen designs for GOTs. Developed with the concepts of simplicity, sleekness, and user-friendliness in mind, this is a powerful tool that pushes boundaries and delivers endless design possibilities.

### GOT Screen Design Software MELSOFT GT Works3



### Utilize data (Projects)

Reuse all data from previous projects.



### Utilize data (Screens)

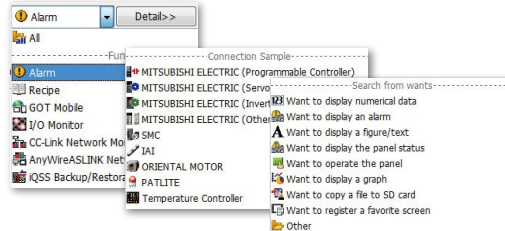
Reuse individual screens from past or sample projects. The settings are also applied and reused so that you can create project data easily.



### Search by target/category/keyword

Select a search target, category, or keyword and you can quickly find the screen you need.

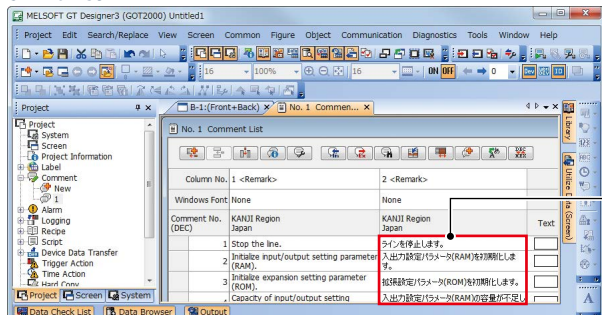
### Category list



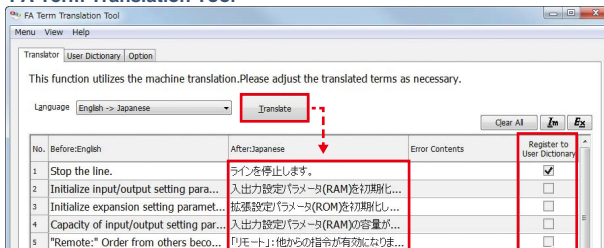
## FA Term Translation Tool

This is the software to translate comments (words, sentences) that are used in GT Works3 and other MELSOFT applications using the FA Term Translation Dictionary provided by Mitsubishi Electric. It can be used even if your computer is not connected to the Internet. You can create your own dictionary and switch dictionaries depending on your needs. The software supports creation of multiple language screens.

### GT Works3



### FA Term Translation Tool



1 Copy comments to translate (e.g. from GT Works3) and paste them to the FA Term Translation Tool window

2 Translate comments

Check a checkbox to save it to the dictionary

3 Copy the translated results and paste them to GT Works3



It is easy to create language switching screens

### Specification details and restrictions

For the supported connection types and necessary option devices, please refer to the Graphic Operation Terminal GOT2000 Series Catalog (L(NA)08270ENG) or the relevant product manual.

# Function list

For details of functions, supported controllers, and connection types, please refer to the GOT2000 Series Manual or Help.  
 ●: Supported —: Not supported ○: Option devices required

Category	Function name	Option devices	GT25		GT21	
			Wide model	Standard model	Wide model	Standard model
Figure/object functions	Figure		●	●	●	●
	Logo text		●	●	●	●
	Touch switch		●	●	●	●
	Lamp		●	●	●	●
	Numerical display, Numerical input		●	●	●	●
	Text display, Text input		●	●	●	●
	Date display, Time display	*7	●	●	●	●
	Comment display		●	●	●	●
	Parts display	*7	●	●	●	*5
	Parts movement	*7	●	●	●	*5
	Historical data list display	*7	●	●	●	*5
	Simple alarm display		●	●	●	●
	System alarm display		●	●	—	—
	Alarm display (user)	*7	●	●	●	*5
	Alarm display (system)	*7	●	●	—	—
	Recipe display (record list)		●	●	●	●
	Graph		●	●	●	●
	Historical trend graph	*7	●	●	●	*5
	Graphical meter		●	●	●	●
	Level, Panelmeter		●	●	●	●
	Slider		●	●	●	●
	Document display	○	●	●	—	—
	Script parts <b>NEW</b>		●	●	●	●
	Logging	*7	●	●	●	*2
	Recipe	*7	●	●	●	*5
	Device data transfer		●	●	●	●
Screen design	Trigger action		●	●	●	●
	Time action	*7	●	●	●	●
	File output	*7	●	●	●	*2
	Serial printer output		●	●	●	*2
	Ethernet printer output <b>NEW</b>		●	●	●	*4
	PictBridge printer output	○	—	*9	—	—
	Project script, Screen script		●	●	●	●
	Object script		●	●	—	—
	Barcode function		●	●	●	*2
	RFID function		●	●	●	*2
	GOT Mobile function	○	●	●	—	—
	VNC server function	○	●	●	●	—
	Remote personal computer operation function (Ethernet)	○	●	●	—	—
	Remote personal computer operation function (serial)	○	—	—	—	—
	Video display function	○	—	—	—	—
	RGB display function	○	—	—	—	—
	Multimedia function	○	—	—	—	—
	External I/O function	○	—	*9	—	—
	Operation panel function	○	—	*9	—	—
	RGB output function	○	—	—	—	—
	File output <b>NEW</b>	*7	●	●	—	—
	Serial printer output	*7	●	●	●	*2
	Ethernet printer output <b>NEW</b>	*7	●	●	●	*4
	PictBridge printer output	○	—	*9	—	—
	Sound output function	○*8	●	*9	—	—
	Server function, Client function		●	●	—	—
	Mail send function		●	●	—	—
	Network drive function <b>NEW</b>		●	●	—	—
	FTP server function	*7	●	●	●	*4
	File transfer function (FTP transfer)	○	●	●	●	*4
	File transfer function (GOT internal transfer)	○	●	●	—	—
	MES interface function	○	●	●	—	—
	Wireless LAN function	○	●	*9	—	—
	USB mouse, USB keyboard		●	●	●	—

\*1 Remote personal computer operation function (Ethernet) cannot be used. The following screens are displayed horizontally: utility screen, monitor and data management screens that are displayed from the utility screen (sequence program monitor, etc.). For the details of other GOT operations when placed vertically, please refer to the relevant product manual or the Help.

\*2 Excluding GT2103-PMBLS.

\*3 GT2104-RTBD only.

\*4 GT2104-RTBD, GT2103-PMBD only.

\*5 On GT2103-PMBLS, only the functions that do not require SD memory card can be used.

\*6 Only the GOTs with SVGA or higher resolution are supported.

\*7 An SD memory card, a USB memory, or a battery is required depending on conditions of use.

\*8 The sound output unit is required for the standard models. GT25 wide models have a built-in sound output interface so that the unit is not required.

\*9 Excluding GT2505-VTBD.

\*10 To install GT2505-VTBD vertically, rotate the unit 90° to the right.

Category	Function name	Option devices	GT25		GT21	
			Wide model	Standard model	Wide model	Standard model
GOT functions	Base screen		●	●	●	●
	Overlap window		●	●	●	●
	Superimpose window		●	●	●	●
	Dialog window		●	●	●	●
	Mobile screen		●	●	—	—
	Key window		●	●	●	●
	Language switching		●	●	●	●
	System information		●	●	●	●
	Operator authentication function	*7	●	●	●	*5
	Operation log	○	●	●	—	—
	Startup logo		●	●	●	●
	KANA KANJI conversion		●	●	—	—
	FA transparent		●	●	●	●
	SoftGOT-GOT link	○	●	●	—	—
	Backup/Restoration	○	●	●	●	*2
	Multi-channel function		4 channels (No units can be mounted)	4 channels (Up to 3 units *9)	2 channels (No units can be mounted)	2 channels (No units can be mounted)
	Station No. switching		●	●	●	●
	GOT network interaction		●	●	—	—
	Screen gesture function		—	—	—	—
	Object gesture function		—	—	—	—
	Security key authentication function		●	●	—	—
	IP filter function		●	●	●	●
	File manager	*7	●	●	—	—
	Vertical display *1		(Rotate 90° to left)	(Rotate 90° to left *10)	(Rotate 90° to left)	(Rotate 90° to right)
Maintenance functions	Device monitor	*7	●	●	●	●
	Sequence program monitor (IQ-R ladder)	○	●	●	—	—
	Sequence program monitor (Ladder)	○	●	●	—	—
	Sequence program monitor (SFC)	○	●	●	—	—
	Network monitor		●	●	—	—
	CC-Link IE Field Network diagnostics		●	●	—	—
	Intelligent module monitor		●	●	—	—
	Drive recorder	*7	●	●	—	—
	Servo amplifier graph <b>NEW</b>	*7	●	●	—	—
	Motion program editor <b>NEW</b>		—	*6	—	—
	Motion program I/O <b>NEW</b>	○	—	*6	—	—
	Servo amplifier monitor		●	●	—	—
	R motion monitor		●	●	—	—
	Q motion monitor		●	●	—	—
	Motion SFC monitor	○	●	●	—	—
	CNC monitor 2		—	●	—	—
	CNC monitor		—	*6	—	—
	CNC data I/O	○	—	*6	—	—
	CNC machining program edit		—	*6	—	—
	Log viewer	*7	●	●	—	—
	FX list editor		—	●	●	*3
	FX ladder monitor		●	●	—	—
	iQSS utility	○	●	●	—	—
	System launcher		●	●	—	—
	System launcher (servo network) <b>NEW</b>		●	●	—	—
	MELSEC-L troubleshooting		●	●	—	—



# Specifications - GT25 wide model

## General specifications

Item	Specifications					
Operating ambient temperature *1	0 °C to 55 °C					
Storage ambient temperature	-20 °C to 60 °C					
Operating ambient humidity	10% RH to 90% RH, non-condensing					
Storage ambient humidity	10% RH to 90% RH, non-condensing					
Vibration resistance	Compliant with JIS B 3502 and IEC 61131-2	Under intermittent vibration	Frequency	Acceleration	Half amplitude	
			5 to 8.4 Hz	—	3.5 mm	
		Under continuous vibration	8.4 to 150 Hz	9.8 m/s <sup>2</sup>	—	10 times in each X, Y, or Z direction
			5 to 8.4 Hz	—	1.75 mm	
Shock resistance	Compliant with JIS B 3502 and IEC 61131-2 (147 m/s <sup>2</sup> (15G), 3 times in each X, Y, or Z direction)	8.4 to 150 Hz	4.9 m/s <sup>2</sup>	—	—	
Operating atmosphere	No greasy fumes, corrosive gas, flammable gas, excessive conductive dust, and direct sunlight (as well as at storage)					
Operating altitude *2	2000 m or less					
Installation location	Inside control panel					
Overvoltage category *3	II or less					
Pollution degree *4	2 or less					
Cooling method	Self-cooling					
Grounding	Grounding with a ground resistance of 100 Ω or less by using a ground cable that has a cross-sectional area of 2 mm <sup>2</sup> or more. If impossible, connect the ground cable to the control panel.					

- \*1 Includes the temperature inside the enclosure of the control panel to which the GOT is installed.
- \*2 Do not use or store the GOT under a pressure higher than the atmospheric pressure at altitude 0 m. Doing so may cause a malfunction. Air purging by applying pressure to the control panel may create clearance between the surface sheet and the touch panel. This may cause the touch panel to be not sensitive enough or the sheet to come off.
- \*3 This indicates the section of the power supply to which the equipment is assumed to be connected between the public electrical power distribution network and the machinery within the premises. Category II applies to equipment that is supplied with power from fixed facilities. The withstand surge voltage for the equipment with the rated voltage up to 300 V is 2500 V.
- \*4 This indicates the occurrence rate of conductive material in an environment where a device is used. Pollution degree 2 indicates an environment where only non-conductive pollution occurs normally and a temporary conductivity caused by condensation shall be expected depending on the conditions.

## Power supply specifications

Item	Specifications	
	GT2510-WXTBD GT2510-WXTSD	GT2507-WTBD GT2507-WTSD
Power supply voltage	24 V DC (+25%, -20%)	
Power supply frequency	—	
Power consumption	Under the maximum load	16 W or less
	Main unit	9 W
	Main unit (backlight OFF)	5 W
Inrush current	59 A or less (2 ms, ambient temperature: 25 °C, under the maximum load)	
Permissible instantaneous power failure time	5 ms or less	
Noise immunity	Noise voltage: 500 Vp-p, noise width: 1 μs, measured by a noise simulator with noise frequency ranging from 25 Hz to 60 Hz	
Withstand voltage	350 V AC for 1 minute across power terminals and earth	
Insulation resistance	500 V DC across power terminals and earth, 10 MΩ or more by an insulation resistance tester	

For the status of conforming to various standards and laws (CE, ATEX, UL/cUL, Class I Division 2, EAC, KC, KCs, and maritime certifications (ABS/BV/DNV GL/LR/NK/RINA)), please refer to the Mitsubishi Electric Factory Automation Global website ([www.MitsubishiElectric.com/fa/](http://www.MitsubishiElectric.com/fa/)).

Operate and store the GOT in environments without direct sunlight, high temperature, dust, humidity, and vibrations.

## Performance specifications

Item		Specifications			
		GT2510-WXTBD	GT2510-WXTSD	GT2507-WTBD	GT2507-WTSD
Display section *1*2	Display device	TFT color LCD			
	Screen size	10.1" widescreen		7" widescreen	
	Resolution	WXGA: 1280 × 800 dots		WVGA: 800 × 480 dots	
	Display size	216.96 (8.54) (W) × 135.6 (5.34) (H) mm (inch)		152.40 (6.00) (W) × 91.44 (3.60) (H) mm (inch)	
	Number of displayed characters	16-dot standard font: 80 characters × 50 lines (two-byte characters) 12-dot standard font: 106 characters × 66 lines (two-byte characters)		16-dot standard font: 50 characters × 30 lines (two-byte characters) 12-dot standard font: 66 characters × 40 lines (two-byte characters)	
	Display color	65536 colors			
	Brightness adjustment	32 levels			
	Backlight	LED (Not replaceable)			
	Backlight life *4	Approx. 50000 h (operating ambient temperature: 25 °C, display intensity: 50%)			
Touch panel *3	Type	Analog resistive film			
	Key size	Minimum 2 × 2 dots *8 (per key)			
	Simultaneous press	Not available *5 (Only 1 point can be touched.)			
	Life	1 million touches or more (operating force: 0.98 N or less)			
Panel color		Black	Silver *10	Black	Silver *10
User memory	User memory capacity	Memory for storage (ROM): 32 MB Memory for operation (RAM): 128 MB			
	Life (number of write times)	100000 times			
Built-in clock precision		±90 seconds/month (ambient temperature: 25 °C)			
Battery		GT111-50BAT lithium battery			
	Life	Approx. 5 years (ambient temperature: 25 °C)			
Built-in interface	RS-232	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps Connector shape: D-sub 9-pin (male)			
	RS-422/485	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps Connector shape: D-sub 9-pin (female)			
	Ethernet	2 channel Data transfer method: 100BASE-TX, 10BASE-T Connector shape: RJ-45 (modular jack)			
	USB (host)	1 channel (rear face)			
	USB (device)	USB version: USB 2.0 (High-Speed 480 Mbps) Connector shape: USB-A			
		1 channel (front face)			
	SD memory card	USB version: USB 2.0 (High-Speed 480 Mbps) Connector shape: USB Mini-B			
		1 channel, SDHC compliant (maximum 32 GB)			
	Wireless LAN communication unit interface	For installing a wireless LAN communication unit			
	Sound output interface	1 channel, WAV format (16 bits, 8,000 kHz/16,000 kHz, monoral) applicable plug: φ3.5 stereo mini-plug (3-prong)			
Buzzer output		Single tone (tone and tone length adjustable)			
POWER LED		2 colors (blue and orange)			
Protective structure *6		Front: IP67F *7*9 Inside control panel: IP2X			
Safety standards, radio laws		CE, UL, cUL, EAC, KC (as of April 2019)			
Maritime certifications		ABS/BV/DNV GL/LR/NK/RINA (as of April 2019)			
External dimensions		252 (9.92) (W) × 194 (7.64) (H) × 48 (1.89) (D) mm (inch)		189 (7.44) (W) × 142 (5.59) (H) × 48 (1.89) (D) mm (inch)	
Panel cut dimensions		243.5 (9.59) (W) × 185.5 (7.30) (H) mm (inch)		180.5 (7.11) (W) × 133.5 (5.26) (H) mm (inch)	
Weight (excluding a fitting)		1.2 (2.6) kg (lb)		0.75 (1.7) kg (lb)	
Compatible software package		GT Works3 Version1.215Z or later			

- \*1 As a characteristic of liquid crystal display panels, bright dots (always lit) and dark dots (never lit) may appear on the panel. Since liquid crystal display panels comprise a great number of display elements, the appearance of bright and dark dots cannot be reduced to zero. Individual differences in liquid crystal display panels may cause differences in color, uneven brightness and flickering. Note that these phenomena are characteristics of liquid crystal display panels and it does not mean the products are defective or damaged.
- \*2 Flickering may occur due to vibration, shock, or the display colors.
- \*3 When a stylus is used, the touch panel has a life of 100 thousand touches. The stylus must satisfy the following specifications.
- Material: polyacetal resin
  - Tip radius: 0.8 mm or more
- \*4 To prevent the display section from burning in and lengthen the backlight life, enable the screen save function and turn off the backlight.
- \*5 If you touch two points or more simultaneously on the touch panel, a touch switch near the touched points may operate unexpectedly. Do not touch two points or more simultaneously on the touch panel.
- \*6 Note that the structure does not guarantee protection in all users' environments. The GOT may not be used in certain environments where it is subjected to splashing oil or chemicals for a long period of time or soaked in oil mist.
- \*7 To conform to IP67F, close the USB environmental protection cover by pushing the [PULL] mark firmly. (The GOT conforms to IP2X when the USB environmental protection cover is open.)
- \*8 The minimum size of a key that can be arranged. To ensure safe use of the product, the following settings are recommended.
- Key size: 16 × 16 dots or larger
  - Distance between keys: 16 dots or more
- \*9 The suffix "F" of IP67F is a symbol that indicates protection rate against oil. It is described in the Appendix of Japanese Industrial Standard JIS C 0920.
- \*10 The lower part of the panel including the USB environmental protection cover is black.

# Specifications - GT21 wide model

## General specifications

Item	Specifications					
Operating ambient temperature *1	0 °C to 55 °C (horizontal installation), 0 °C to 50 °C (vertical installation)					
Storage ambient temperature	-20 °C to 60 °C					
Operating ambient humidity	10% RH to 90% RH, non-condensing *2					
Storage ambient humidity	10% RH to 90% RH, non-condensing *2					
Vibration resistance	Compliant with JIS B 3502 and IEC 61131-2		Frequency	Acceleration	Half amplitude	Sweep count
		Under intermittent vibration	5 to 8.4 Hz	—	3.5 mm	10 times in each X, Y, or Z direction
			8.4 to 150 Hz	9.8 m/s²	—	
		Under continuous vibration	5 to 8.4 Hz	—	1.75 mm	—
8.4 to 150 Hz	4.9 m/s²		—			
Shock resistance	Compliant with JIS B 3502 and IEC 61131-2 (147 m/s² (15G), 3 times in each X, Y, or Z direction)					
Operating atmosphere	No greasy fumes, corrosive gas, flammable gas, excessive conductive dust, and direct sunlight (as well as at storage)					
Operating altitude *3	2000 m or less					
Installation location	Inside control panel					
Overvoltage category *4	II or less					
Pollution degree *5	2 or less					
Cooling method	Self-cooling					
Grounding	Grounding with a ground resistance of 100 Ω or less by using a ground cable that has a cross-sectional area of 2 mm² or more. If impossible, connect the ground cable to the control panel.					

- \*1 Includes the temperature inside the enclosure of the control panel to which the GOT is installed.  
\*2 If the ambient temperature exceeds 40 °C, the absolute humidity must not exceed 90% RH at 40 °C.  
\*3 Do not use or store the GOT under a pressure higher than the atmospheric pressure at altitude 0 m. Doing so may cause a malfunction. Air purging by applying pressure to the control panel may create clearance between the surface sheet and the touch panel. This may cause the touch panel to be not sensitive enough or the sheet to come off.  
\*4 This indicates the section of the power supply to which the equipment is assumed to be connected between the public electrical power distribution network and the machinery within the premises. Category II applies to equipment that is supplied with power from fixed facilities. The withstand surge voltage for the equipment with the rated voltage up to 300 V is 2500 V.  
\*5 This indicates the occurrence rate of conductive material in an environment where a device is used. Pollution degree 2 indicates an environment where only non-conductive pollution occurs normally and a temporary conductivity caused by condensation shall be expected depending on the conditions.

## Power supply specifications

Item	Specifications
	GT2107-WTBD GT2107-WTSD
Power supply voltage	24 V DC (+10%, -15%)
Power supply frequency	—
Power consumption	Under the maximum load
	11.3 W or less
Inrush current	Main unit (backlight OFF)
	7.0 W
Permissible instantaneous power failure time	35 A or less (3 ms, ambient temperature: 25 °C, under the maximum load)
Noise immunity	5 ms or less
Withstand voltage	Noise voltage: 1000 Vp-p, noise width: 1 μs, measured by a noise simulator with noise frequency ranging from 30 Hz to 100 Hz
Insulation resistance	500 V AC for 1 minute across power terminals and earth
	500 V DC across power terminals and earth, 10 MΩ or more by an insulation resistance tester

For the status of conforming to various standards and laws (CE, ATEX, UL/cUL, Class I Division 2, EAC, KC, KCs, and maritime certifications (ABS/BV/DNV GL/LR/NK/RINA)), please refer to the Mitsubishi Electric Factory Automation Global website ([www.MitsubishiElectric.com/far](http://www.MitsubishiElectric.com/far)).

Operate and store the GOT in environments without direct sunlight, high temperature, dust, humidity, and vibrations.

## Performance specifications

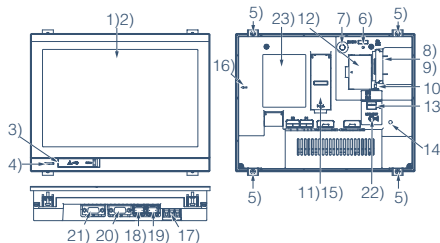
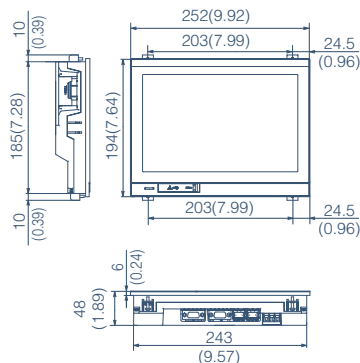
Item		Specifications	
		GT2107-WTBD	GT2107-WTSD
Display section *1*2	Display device	TFT color LCD	
	Screen size	7" widescreen	
	Resolution	WVGA: 800 × 480 dots	
	Display size	152.40 (6.00) (W) × 91.44 (3.60) (H) mm (inch)	
	Number of displayed characters	16-dot standard font: 50 characters × 30 lines (two-byte characters) 12-dot standard font: 66 characters × 40 lines (two-byte characters)	
	Display color	65536 colors	
	Brightness adjustment	32 levels	
	Backlight	LED (Not replaceable)	
	Backlight life *4	Approx. 50000 h (operating ambient temperature: 25 °C, display intensity: 50%)	
	Type	Analog resistive film	
Touch panel *3	Key size	Minimum 2 × 2 dots *8 (per key)	
	Simultaneous press	Not available *5 (Only 1 point can be touched.)	
	Life	1 million touches or more (operating force: 0.98 N or less)	
Panel color		Black	Silver *10
User memory	User memory capacity	Memory for storage (ROM): 15 MB	
	Life (number of write times)	100000 times	
Built-in clock precision		±45 seconds/month (ambient temperature: 25 °C)	
Battery		GT11-50BAT lithium battery	
	Life	Approx. 5 years (ambient temperature: 25 °C)	
Built-in interface	RS-232	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps Connector shape: D-sub 9-pin (male)	
	RS-422/485	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps Connector shape: D-sub 9-pin (female) Terminating resistor: OPEN/110 Ω/330 Ω (switched with the terminating resistor setting switch)	
	Ethernet	1 channel Data transfer method: 100BASE-TX, 10BASE-T Connector shape: RJ-45 (modular jack)	
	USB (host)	1 channel (rear face) USB version: USB 1.1 (Full-Speed 12 Mbps) Connector shape: USB-A	
	USB (device)	1 channel (front face) USB version: USB 1.1 (Full-Speed 12 Mbps) Connector shape: USB Mini-B	
	SD memory card	1 channel, SDHC compliant (maximum 32 GB)	
	Wireless LAN communication unit interface	—	
	Sound output interface	—	
Buzzer output		Single tone (tone length adjustable)	
POWER LED		—	
Protective structure *6		Front: IP67F *7*9 Inside control panel: IP2X	
Safety standards, radio laws		CE, UL, cUL, EAC, KC (as of April 2019)	
Maritime certifications		—	
External dimensions		189 (7.44) (W) × 142 (5.59) (H) × 48 (1.89) (D) mm (inch)	
Panel cut dimensions		180.5 (7.11) (W) × 133.5 (5.26) (H) mm (inch)	
Weight (excluding a fitting)		0.7 (1.54) kg (lb)	
Compatible software package		GT Works3 Version1.215Z or later	

- \*1 As a characteristic of liquid crystal display panels, bright dots (always lit) and dark dots (never lit) may appear on the panel. Since liquid crystal display panels comprise a great number of display elements, the appearance of bright and dark dots cannot be reduced to zero. Individual differences in liquid crystal display panels may cause differences in color, uneven brightness and flickering. Note that these phenomena are characteristics of liquid crystal display panels and it does not mean the products are defective or damaged.  
\*2 Flickering may occur due to vibration, shock, or the display colors.  
\*3 When a stylus is used, the touch panel has a life of 100 thousand touches. The stylus must satisfy the following specifications.  
• Material: polyacetal resin • Tip radius: 0.8 mm or more  
\*4 To prevent the display section from burning in and lengthen the backlight life, enable the screen save function and turn off the backlight.  
\*5 If you touch two points or more simultaneously on the touch panel, a touch switch near the touched points may operate unexpectedly. Do not touch two points or more simultaneously on the touch panel.  
\*6 Note that the structure does not guarantee protection in all users' environments. The GOT may not be used in certain environments where it is subjected to splashing oil or chemicals for a long period of time or soaked in oil mist.  
\*7 To conform to IP67F, close the USB environmental protection cover by pushing the [PULL] mark firmly. (The GOT conforms to IP2X when the USB environmental protection cover is open.)  
\*8 The minimum size of a key that can be arranged. To ensure safe use of the product, the following settings are recommended.  
• Key size: 16 × 16 dots or larger • Distance between keys: 16 dots or more  
\*9 The suffix "F" of IP67F is a symbol that indicates protection rate against oil. It is described in the Appendix of Japanese Industrial Standard JIS C 0920.  
\*10 The lower part of the panel including the USB environmental protection cover is black.

## External dimensions/Components names

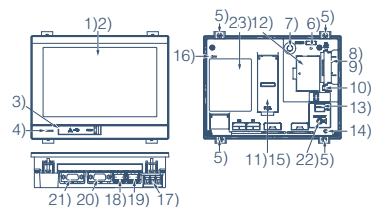
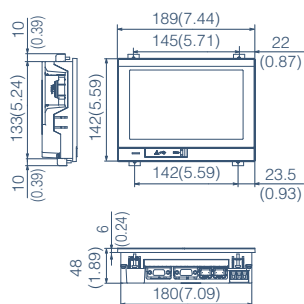
### GT25 wide model

#### GT2510-WXT□D



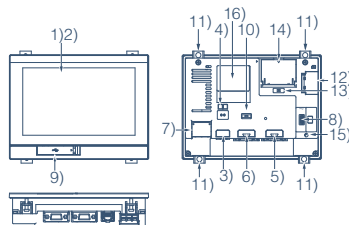
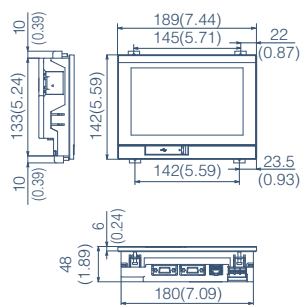
- 1) Display section
- 2) Touch panel
- 3) USB interface (device/front face)
- 4) POWER LED
- 5) Unit installation fitting
- 6) Reset switch
- 7) S.MODE switch
- 8) SD memory card interface (inside the cover)
- 9) SD memory card cover
- 10) SD memory card access LED
- 11) Battery (inside the cover)
- 12) Wireless LAN communication unit interface (inside the cover)
- 13) USB interface (host/rear face)
- 14) Cable clamp mounting hole
- 15) Terminating resistor setting switch (inside the cover)
- 16) Vertical installation arrow mark
- 17) Power terminal
- 18) Ethernet interface (Port 1)/ Ethernet communication status LED
- 19) Ethernet interface (Port 2)/ Ethernet communication status LED
- 20) RS-422/485 interface
- 21) RS-232 interface
- 22) Sound output interface
- 23) Rating plate

#### GT2507-WT□D



### GT21 wide model

#### GT2107-WT□D



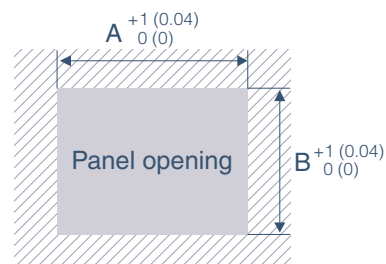
- 1) Display section
- 2) Touch panel
- 3) Ethernet interface
- 4) Ethernet communication status LED
- 5) RS-232 interface
- 6) RS-422/485 interface
- 7) Power terminal
- 8) USB interface (host/rear face)
- 9) USB interface (device/front face)
- 10) Terminating resistor setting switch
- 11) Unit installation fitting
- 12) SD memory card interface (inside the cover)
- 13) SD memory card access LED
- 14) Battery (inside the cover)
- 15) Cable clamp mounting hole
- 16) Rating plate

Unit: mm (inch)

## Panel cut dimensions

Screen size	Model	A	B
10.1" widescreen	GT2510-WXT□D	243.5 (9.59)	185.5 (7.30)
7" widescreen	GT2507-WT□D GT2107-WT□D	180.5 (7.11)	133.5 (5.26)

Unit: mm (inch)



\* Panel thickness: 1.6 mm to 4 mm  
(0.06 inch to 0.16 inch)



## Product list

### GOTs

Classification		Model	Screen size	Display section Display color	Panel color	Power
Wide model	GT25	GT2510-WXTBD	10.1" WXGA	TFT color 65536 colors	Black	24 V DC
		GT2510-WXTSD			Silver *1	
		GT2507-WTBD	7" WVGA		Black	
		GT2507-WTSD			Silver *1	
	GT21	GT2107-WTBD	7" WVGA	TFT color 65536 colors	Black	24 V DC
		GT2107-WTSD			Silver *1	

\*1 The lower part of the panel including the USB environmental protection cover is black.

### Communication units

Product name	Model	Specifications	Supported model	
			GT25 Wide	GT21 Wide
Wireless LAN communication unit *1	GT25-WLAN	IEEE802.11b/g/n compliant, built-in antenna, wireless LAN access point (base station) *2, station (client), connection to personal computer, tablet, smartphone Compliance with*3: Japan Radio Law, FCC standards, RE Directive*4 (R&TTE Directive), SRRC, KC	●	—

\*1 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.

\*2 When [Operation Mode] is set to [Access Point] in [Wireless LAN Setting] of GT Designer3, up to five stations are connectable.

\*3 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 RE 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/](http://www.MitsubishiElectric.com/fa/)).

\*4 The wireless LAN communication unit has conformed to the RE directive since March 31, 2017.

### Options

Product name	Model	Specifications		Supported model	
				GT25 Wide	GT21 Wide
Protective sheet	GT25-10WPSGC	For 10.1" wide models	● Antiglare type ● Transparent ● Without a hole for the USB environmental protection cover *1 ● A set of 5 sheets	●	—
	GT21-07WPSGC	For 7" wide models		●	●
	GT25-10WPSCC	For 10.1" wide models	● Clear type ● Transparent ● Without a hole for the USB environmental protection cover *1 ● A set of 5 sheets	●	—
	GT21-07WPSCC	For 7" wide models		●	●
Stand	GT25-10WSTAND	For 10.1" wide models		●	—
	GT21-07WSTAND	For 7" wide models		●	●
USB environmental protection cover	GT21-WUCOV	For 10.1" Wide/ 7" Wide	Environmental protection cover for the USB interface on the GOT front face (for replacement)	●	●
Protective cover for oil *3	GT21-10WPCO <b>NEW</b>	For 10.1" wide models		●	—
	GT21-07WPCO <b>NEW</b>	For 7" wide models		●	●
SD memory card	NZ1MEM-2GBSD	SD memory card for GOT, 2 GB		●	●
	NZ1MEM-4GBSD	SDHC memory card for GOT, 4 GB		●	●
	NZ1MEM-8GBSD	SDHC memory card for GOT, 8 GB		●	●
	NZ1MEM-16GBSD	SDHC memory card for GOT, 16 GB		●	●
Battery	GT11-50BAT	Battery for backup of SRAM data, clock data, and system status log data *2.		● (For replacement)	● (For replacement)
Panel-mounted USB port extension	GT14-C10EXUSB-4S	Cable length: 1m, for routing the USB port (host) of the GOT rear face to the front side of the control panel		●	●
USB cable (data transfer cable)	GT09-C30USB-5P	Cable length: 3m, for connecting a personal computer (screen design software) and GOT		●	●

\*1 The protective sheet is shaped not to cover the USB environmental protection cover.

\*2 GT21 does not support the system status log data backup function.

\*3 Check if the protective cover for oil can be used in the actual environment before use. When using the cover, the front USB interface cannot be used.

### Software

Product name	Model	Description		Supported model	
				GT25 Wide	GT21 Wide
HMI/GOT Screen Design Software MELSOFT GT Works3	SW1DND-GTWK3-E	English Version	Standard license product	●	●
	SW1DND-GTWK3-EA		Volume license product *1*5		
	SW1DND-GTWK3-EAZ		Additional license product *1*2		
GT Works Text to Speech License *4	SW1DND-GTVO-M	Standard license product		●	—
VNC Server Function License *3	GT25-VNCSKEY-1	1 license		●	●
	GT25-VNCSKEY-5	5 licenses		●	●
	GT25-VNCSKEY-10	10 licenses		●	●
	GT25-VNCSKEY-20	20 licenses		●	●
GOT Mobile Function License *3	GT25-WEBSKEY-1	1 license		●	—
	GT25-WEBSKEY-5	5 licenses		●	—
	GT25-WEBSKEY-10	10 licenses		●	—
	GT25-WEBSKEY-20	20 licenses		●	—

\*1 The desired number of licenses (2 or more) can be purchased. For details, please contact your local sales office.

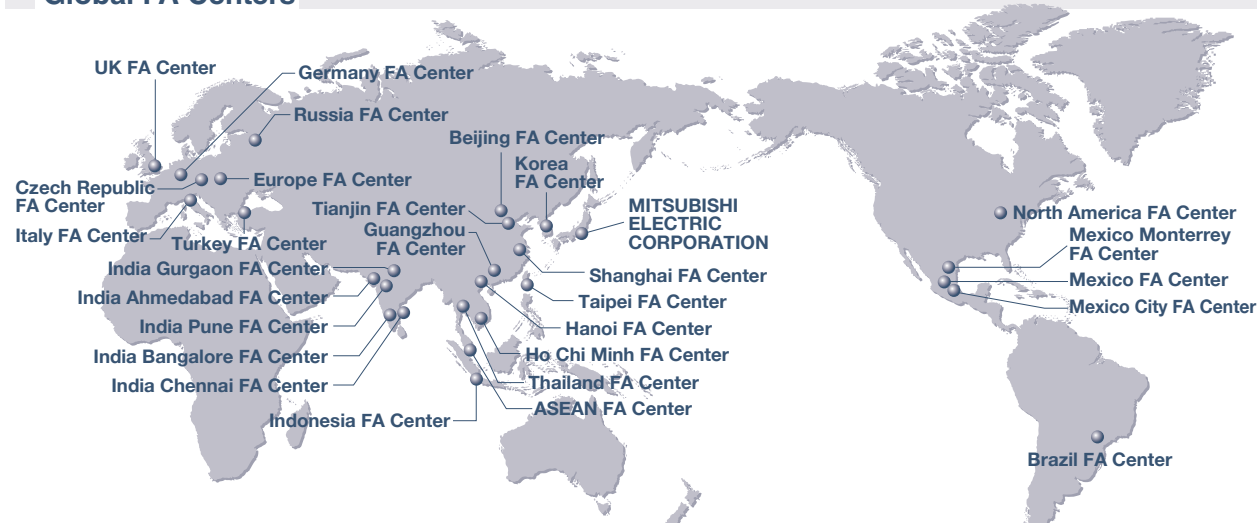
\*2 This product does not include the DVD-ROM. Only the license certificate with the product ID No. is issued.

\*3 1 license is required for 1 GOT unit.

\*4 To edit sound files, each personal computer requires one license.

\*5 Volume license product is not sold separately and should be purchased with the standard license product.

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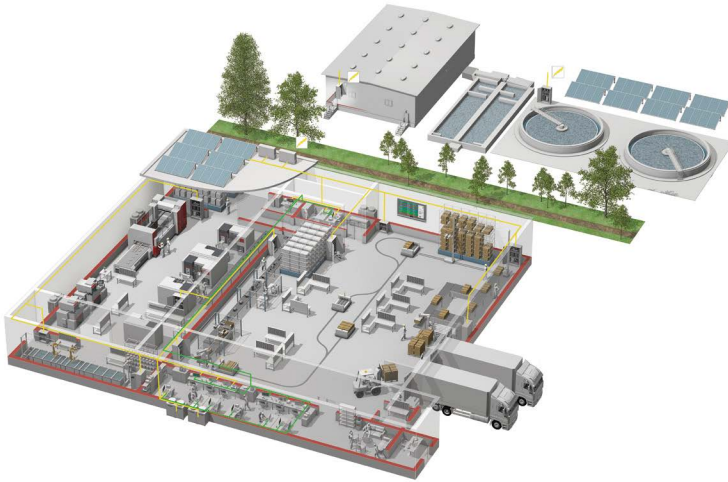
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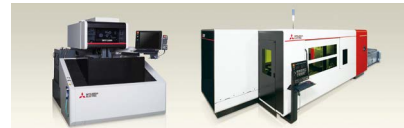
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