MITSUBISHI ELECTRIC
Changes for the Better

Automating the World

FACTORY AUTOMATION

Graphic Operation Terminal MELHMI GOT3000 Series

Smooth.
Seamless.
Smart.

BEYOND HMI, NEW GOT DEBUT

GOT3000

Automating the World

Our Factory Automation business is focused on "Automating the World" to make it a better, more sustainable environment supporting manufacturing and society, celebrating diversity and contributing towards an active and fulfilling role.

SUSTAINABLE DEVELOPMENT GOALS

The Mitsubishi Electric Group is actively solving social issues, such as decarbonization and labor shortages, by providing production sites with energy-saving equipment and solutions that utilize automation systems, thereby helping towards a sustainable society.

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.

INDEX

Lineup

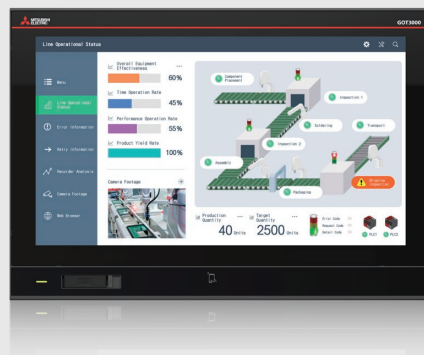The Optimal HMI for Your Equipment

HMI

GT37 Wide NEW Projected Capacitive (PCAP) Touch Panel [DC]
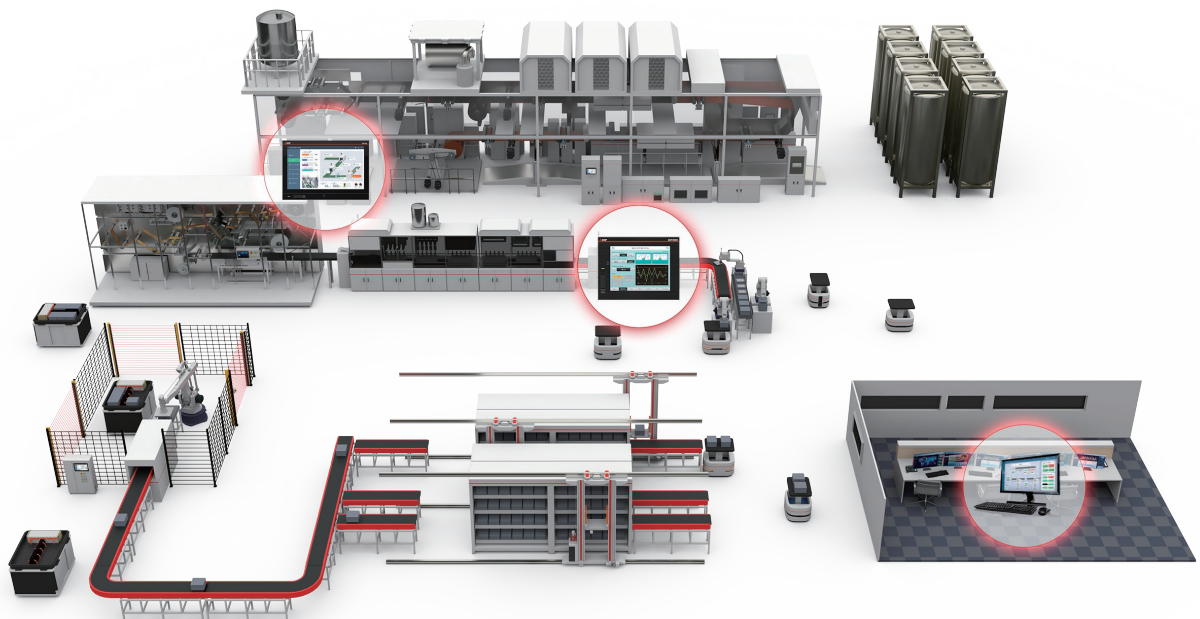

NEW SIZE

15.6" Wide Full HD
GT3715-FHCBD

12.1" Wide WXGA
GT3712-WXCBD

Ethernet 2 Channels	RS-232/422/485	NEW USB Device/Host USB Type-C	USB Host USB Type-A	NEW Contactless Tag
NEW Digital Video Output	SD Memory Card	Extension Interface	RAM (User Memory) 2 GB (768 MB)	ROM (User Memory) 512 MB (256 MB)

GT37 | Analog Resistive Touch Panel | AC | DC

12.1" XGA Human Sensor
GT3712-XRBA
GT3712-XRBD

10.4" XGA
GT3710-XRBA
GT3710-XRBD

8.4" XGA
GT3708-XRBA
GT3708-XRBD

Manage both GOT and production sites from your computer

HMI Software
GT SoftGOT3000

License required*
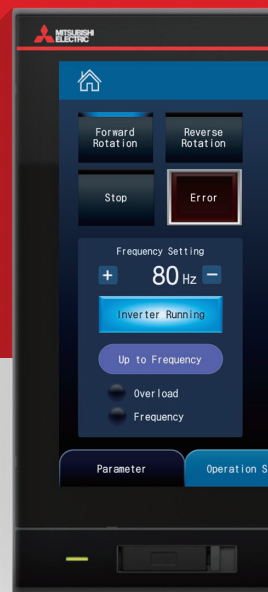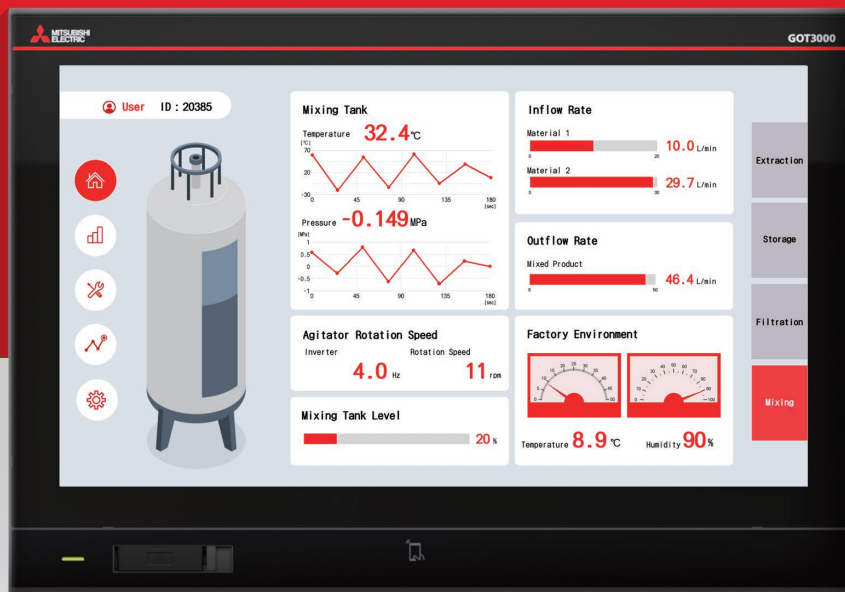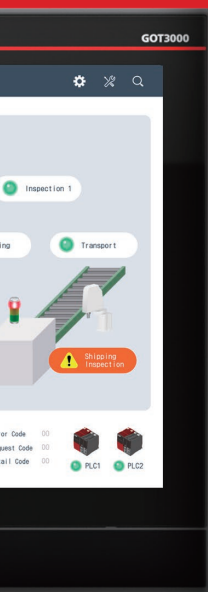
Monitor equipment and production line information from your office computer.

5

* A license key (for the USB port) is no longer needed. The license is now registered electronically.

Smooth.
Seamless.
Smart.

Accelerate digital transformation on your site:

Refined technology and continuous evolution

connect people, systems, and IT even more strongly.

INTERFACE

The Smoothest and
Most Beautiful GOT Ever

The high-definition touch panel improves operability, achieving universal usability and visibility.

NETWORK

Overcoming
Network Barriers

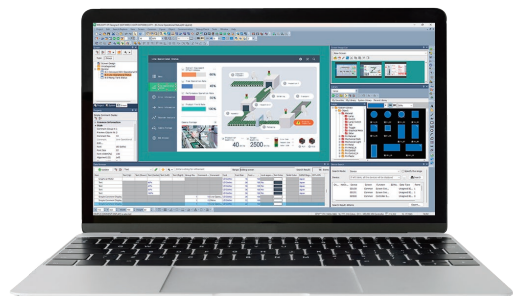Achieve high-level security and FA data integration and collection by using GOT as an IoT gateway.

ENGINEERING

Engineering with Ease

With new features and retained operability, the user-friendly software robustly supports screen design and the replacement of existing models.

GOT3000

The Smoothest and Most Beautiful GOT Ever

The clear and beautiful display offers smooth operability

High-Definition, Rich Color Display

A vibrant, Full HD 15.6" widescreen display with 16 million colors.

Projected Capacitive (PCAP) Touch Panel

A durable and robust glass screen with high transparency and a light touch.
[GT37 Wide only]

Universal Design Fonts

Easily recognizable fonts are supported.

Frame Animation

Visual effects and motion elements bring objects to life.

Pinch-in/Pinch-out

It is operable just like a smartphone. [GT37 Wide only]

Faster startup and improved monitor (communication and drawing) performance

Parallel processing by the built-in multi-core CPU shortens startup time and ensures smooth screen operation, even during high-load processes such as logging, scripting, and alarm management.

Startup time comparison[*1]

GT27

GT37

Approx. **1.4**x faster

Monitor performance comparison[*2]

GT27

GT37

Approx. **2x faster**
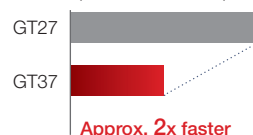
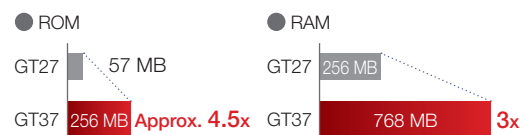## Expanded user memory capacity

Reliable memory capacity allows project data to be saved without worrying about storage limitations.

User memory capacity comparison

● ROM

GT27   57 MB

GT37   256 MB   Approx. **4.5x**

● RAM

GT27   256 MB

GT37   768 MB   **3x**

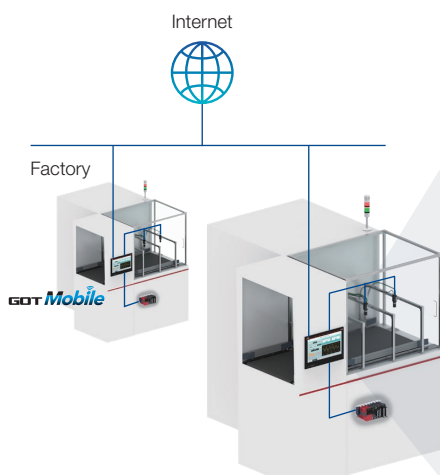*1 Results from our company's test environment.
*2 Results from our company's test environment (during high-load processing).

Configure and monitor controllers with GOT

NEW **Web Browser Function**

GOT3000 enables you to monitor and configure controllers that have a web server function.
It also supports browsing websites.

Internet

Factory

GOT Mobile

For devices that have been tested for compatibility, please refer to the technical bulletin No.GOT-A-0249.
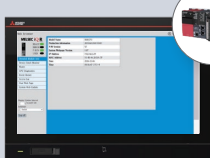
Examples of utilizing Web Browser Function
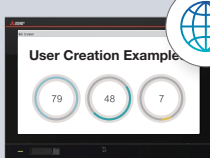
Other GOTs monitoring
(GOT Mobile function)

Website

Programmable controller diagnosis
Batch device monitoring

HTML, CSS, JavaScript

User Creation Example

79 48 7

Easier Andon display

NEW **Built-In Digital Video Output Interface**

- With a single HDMI cable, display GOT screen on a large monitor.

- Displaying a screen different from the GOT screen is supported.

- It can be used for Andon system information sharing.

Display footage output via direct connection

HDMI cable

Large monitor

GOT3000

Check the camera footage on the control panel

NEW **Direct Web Camera (USB Camera) Connection**

- A camera can be connected with a single USB cable, allowing the live feed to be displayed on GOT.

- With the recording and playback function[1], verify machine conditions through camera footage when problems occur. [Future Support]

*1 A separate license purchase is required.

Camera footage output via direct connection

Web camera

USB cable

GOT3000

Add-on projects (sample screens) are also available for immediate use.

→ See page 17 for details

Overcoming Network Barriers

Enabling IoT for equipment using GOT as a gateway to IT systems

NEW   **OPC UA Server Function**   **OPC UA Client Function** [Future Support]

- With the built-in OPC UA server, GOT3000 serves as a gateway, enabling data integration between IT and OT systems.

- Secure communication between IT and OT systems can be achieved.

IT

OPC UA client

SCADA, etc.

OPC UA server

Direct communication

OT

OPC UA

Server

Client
[Future Support]

Ethernet

✓ No computer-based OPC UA server is required

✓ Communication with OPC UA-compatible devices is supported

✓ Data can be linked with the upper-level system even with non-OPC UA-compatible devices
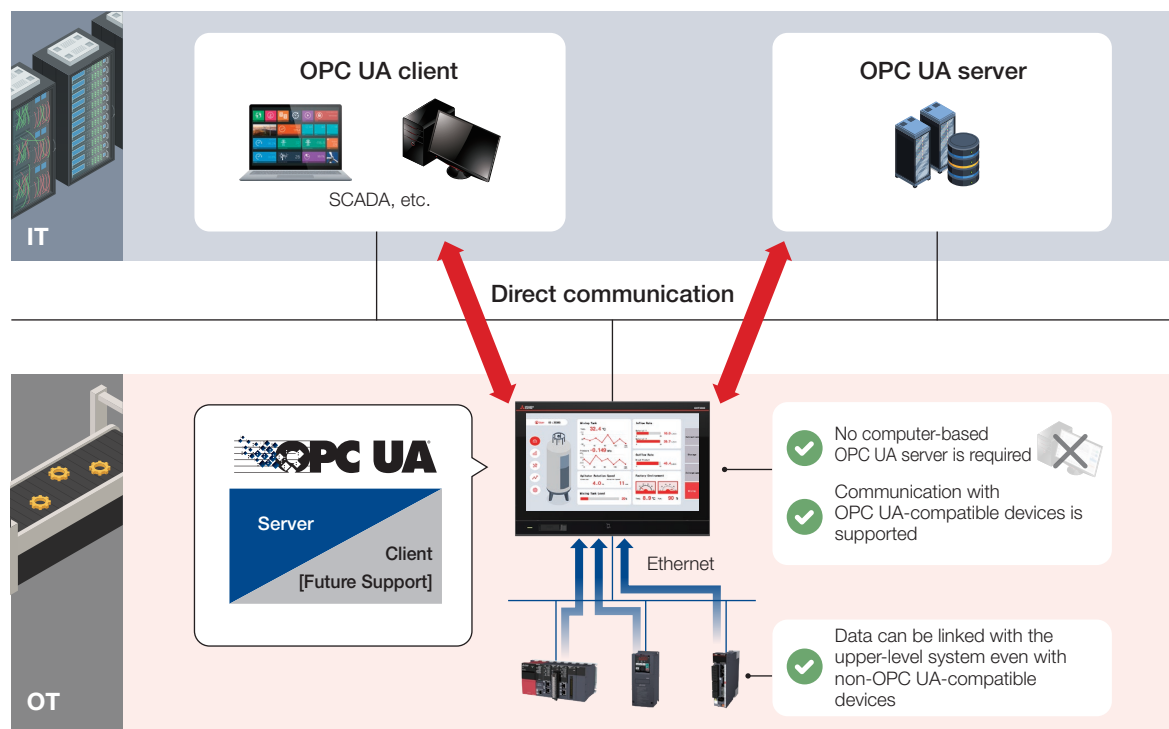
Connectable with various devices, enabling smooth monitoring

NEW

Contactless Tag

When using GOT Mobile function, just tap the mobile device to read the necessary information for connection and start monitoring.

GOT Mobile → See page 21 for details

Tag reader

NEW

USB Type-C (Device/Host)

A computer or USB devices can be connected. Project data can be transmitted without opening the control panel.

Computer | Keyboard | Computer mouse

SD Memory Card Interface

Data area can be expanded with an SD memory card.

USB Type-A (Host)

USB-compatible devices can be connected.
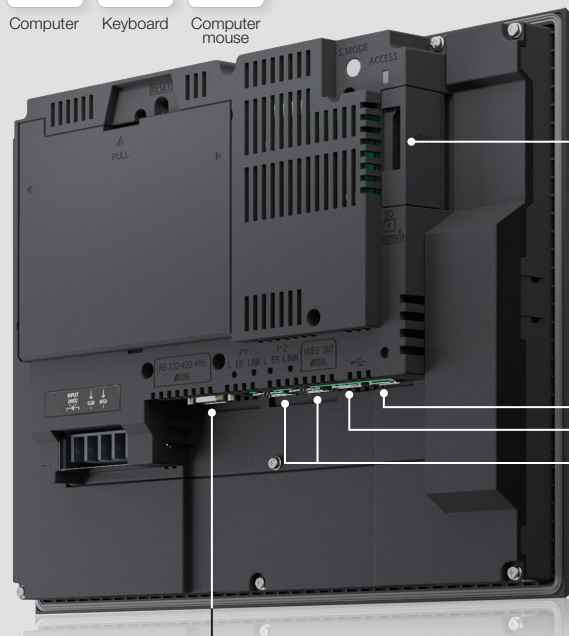
Keyboard | Computer mouse | Barcode reader | Web camera | Speaker | USB memory stick

NEW

Digital Video Output

Output the GOT screen by connecting it to an external monitor with an HDMI cable.

NEW

Ethernet (1000BASE-T)   CC-Link IE TSN   OPC UA

Two ports come as standard.
CC-Link IE TSN (Class A) is supported for Port 1 only.

FA Devices

Mitsubishi/Non-Mitsubishi programmable controllers | Inverter | Servo

Ethernet Connectable Devices

Computer | Server | IP camera*2

Serial (RS-232/422/485)

FA Devices*1

Mitsubishi/Non-Mitsubishi programmable controllers | Inverter | Servo | Temperature controller

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High performance monitoring

Performance for monitoring multiple devices has improved, enabling stress-free monitoring.

Monitor performance comparison
(when multiple devices are connected via Ethernet)*3

GT27
GT37   **Approx. 2.5x faster**
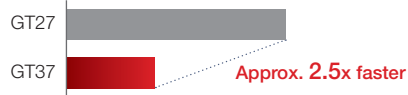
Fast project data transfer

Transfer time comparison (via USB Type-C)*3

GT27
GT37   **Approx. 7.5x faster**

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*1 Only MODBUS/RTU devices are supported for now. Other devices are Future Support.
*2 Future Support.
*3 Results from our company's test environment.

Build a secure network environment at a low cost

NEW **VPN Connection Function**   License required

● Highly secure communication is achieved with VPN connection when monitoring or maintaining equipment remotely through the Internet.

● The built-in VPN functionality in GOT3000 eliminates the need for a dedicated VPN device, enabling cost-effective, secure remote monitoring.

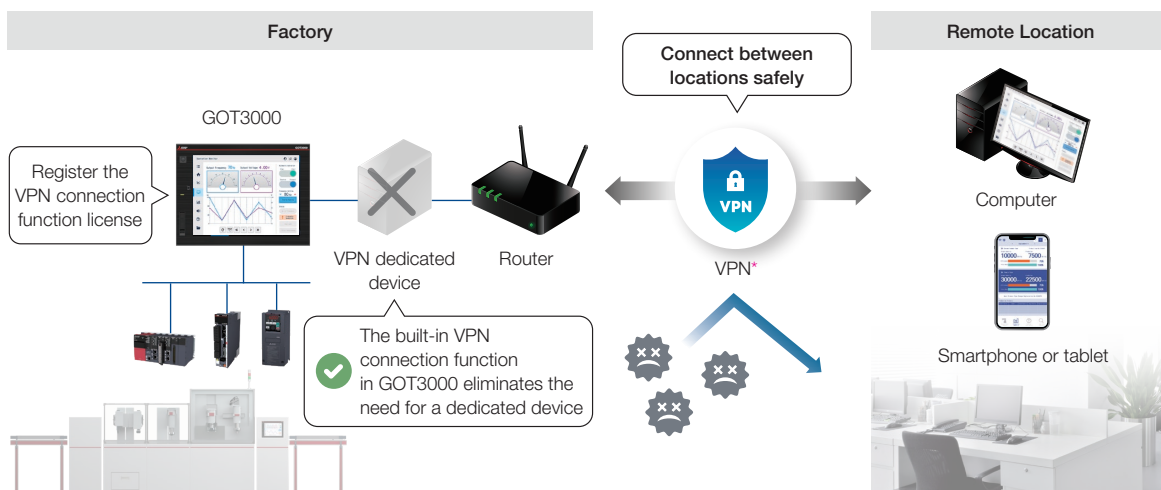| Factory	Connect between locations safely	Remote Location

GOT3000

Register the VPN connection function license

VPN dedicated device

Router

The built-in VPN connection function in GOT3000 eliminates the need for a dedicated device

Connect between locations safely

VPN*

Computer

Smartphone or tablet
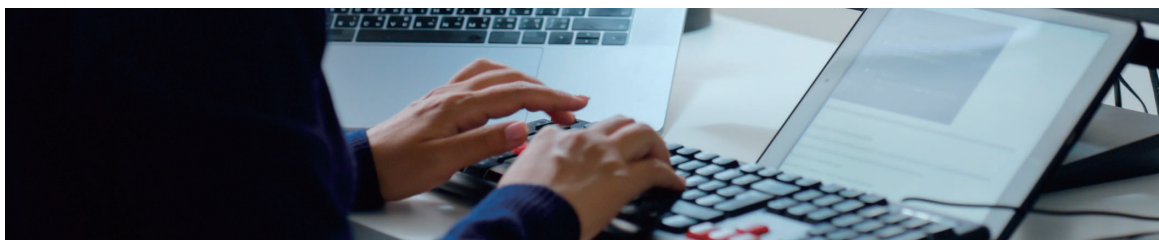
* Based on a Secomea A/S remote access solution and requires a separate contract with Secomea A/S.

Access with Ease & Peace of Mind

● **Easily Conduct Remote Monitoring**
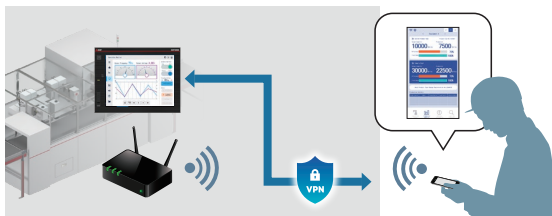
● **Securely Update Project Data**

GOT3000

● **Safely Read/Write Resource Data**

Logging data, recipe file, etc.

● **Seamlessly Remote-Monitor Mitsubishi FA Devices**

X20   M20

Enhance equipment security

Protect equipment by using GOT3000's various security features.

IT system

⚠ GOT data tampering, information leaks

🔒 Data Protection

≫ NEW Information Protection Function

Protect confidentiality by setting passwords for files that are information assets, such as logging data and operation log data.
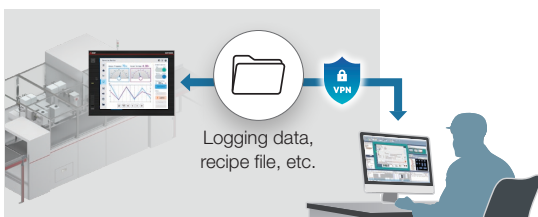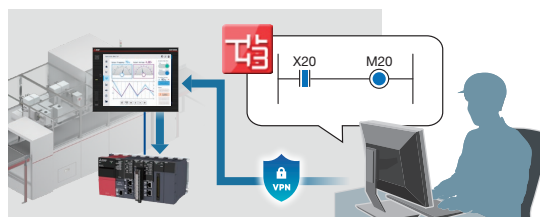This restricts unauthorized third parties from accessing or modifying files.

≫ NEW Encrypted Communication

Encrypted communication between the computer (GT Works3) and GOT prevents the leakage of assets such as project data.

GOT3000

≫ NEW Enhancing Remote Connection Security

GOT Mobile function and the VNC server function now support encrypted communication. Secure remote access is possible through an encrypted communication path.

HTTPS

GOT Mobile

GOT3000

SSH

VNC client

VNC server
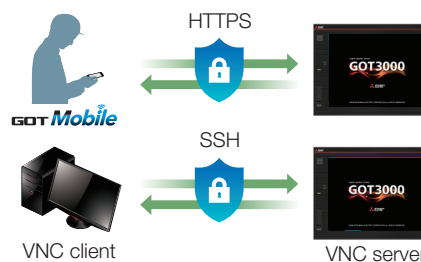
⚠ Unauthorized access to GOT through network

🔒 Network Protection

≫ IP Filter Function

Access from specified IP addresses can be allowed or blocked.

Access is allowed or blocked based on the IP addresses of the connected devices.
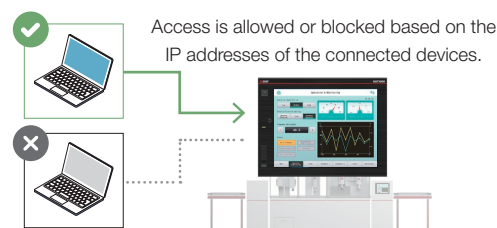
⚠ Unauthorized operation on GOT Screen

🔒 Operation Limitation

≫ Operator Authentication Function

- The screens and functions available for operation and display can be restricted for each operator.

- Login can be managed with GOT.
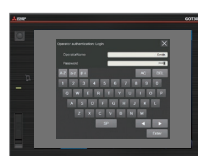
Login with operator's name and password
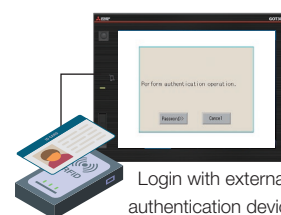
Login with external authentication device

RFID reader

ENGINEERING

Engineering with Ease
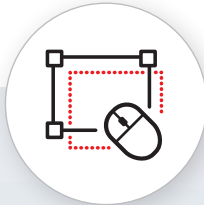
Screen Design **Debug** **Reuse** **Management**

GOT Screen Design Software
MELSOFT GT Works3

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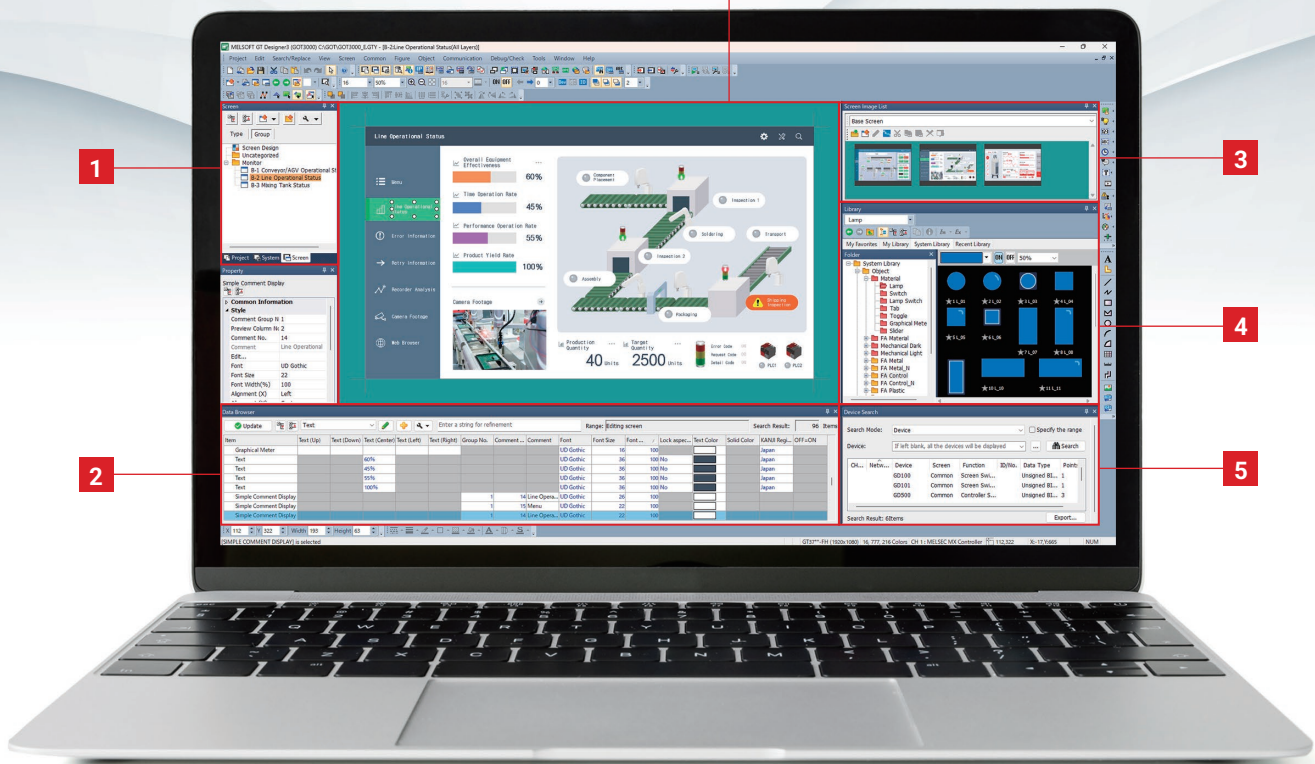
1 Work Tree

Manage and configure for each screen, system, and project.

2 Data Browser

Directly view and edit properties of multiple objects across the entire project.

3 Screen Image List

View each screen as an image, making screen search simple.

4 Library

Create professional screens using a wide variety of parts and frame animations.

5 Device Search

Quickly search for the devices and labels in use.

6 Screen Editor

Design efficiently with various functions that minimize man-hours in screen creation.

Choose from abundant and beautiful parts

Ver. UP **Library**

- **NEW** Many new parts in vector format have been added. Vector parts can be specified in full color, and their quality remains consistent even when zoomed in and out. Additionally, the file size remains small even with large parts.

- **NEW** Frame animation is supported, making it easier to convey information. In addition to the frame animations registered in the library, other animation files (PNG, APNG, GIF) can also be imported.

Before Raster format   **NEW** **Vector format**

Zoomed in   Zoomed in

With the vector format, edges are displayed with clean lines regardless of size

Examples of new parts

Material

FA Material

Mechanical Dark

Mechanical Light

Frame Animation

Design efficiently with batch editing

Ver. UP **Data Browser**

- All the settings within the project can be displayed collectively and edited directly. This allows efficient review and modification of data, even if there are many screens or settings.

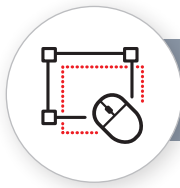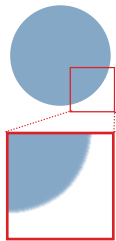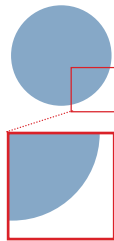- **NEW** By changing and switching the display items of the data browser using presets, you can design efficiently. For example, you can switch to a screen-specific preset when editing screen settings, and to a text-specific preset when modifying text settings. Users can also create custom presets.

≫ Presets for screens

Data Browser								
Update Screen Enter a string for refinement						Range: All screens	Search Result: 107 Items	
Item	Screen	Screen Group	Title	Detailed Description	Security	Individual Setting of Scre...	Background Color Specifi...	Background Color
Base Screen	B-20000	1_Parameter Setting	Basic	This screen allows setting...		0 Yes	Yes	
Base Screen	B-20010	1_Parameter Setting	Gain/Filter	This screen allows setting...		0 Yes	Yes	
Base Screen	B-20020	1_Parameter Setting	Extension	This screen allows setting...		0 Yes	Yes	
Base Screen	B-20030	1_Parameter Setting	I/O	This screen allows setting...		0 Yes	Yes	
Base Screen	B-20040	1_Parameter Setting	Extension 2	This screen allows setting...		0 Yes	Yes	
Base Screen	B-20050	1_Parameter Setting	Extension 3	This screen allows setting...		0 Yes	Yes	
Base Screen	B-20060	1_Parameter Setting	Motor Extension	This screen allows setting...		0 Yes	Yes	

✓ Design efficiently by switching the presets

≫ Presets for texts

| Data Browser														
Update Text Enter a string for refinement							Range: Editing screen				Search Result: 32 Items			
Item	Text (Up)	Text (Down)	Text (Center)	Text (Left)	Text (Right)	Group No.	Comment No.	Comment	Font	Font Size	Font ... /	Lock aspe...	Text Color	Solid Color	KANJI Regi...	OFF=ON
Switch [State OFF] (Action1)						245	203	Extension	UD Gothic	20	100					No
Switch [State OFF] (Action1)						245	211	I/O	UD Gothic	20	100					No
Switch [State OFF] (Action1)						245	212	Extension 2	UD Gothic	20	100					No
Switch [State OFF] (Action1)						245	213	Extension 3	UD Gothic	20	100					No
Switch [State OFF] (Action1)						245	214	Motor Extension	UD Gothic	20	100					No
Switch [State OFF] (Action1)						245	215	Positioning	UD Gothic	20	100					No
Switch [State OFF] (Action1)						245	216	Network	UD Gothic	20	100					No

Enhanced copy function

Ver. UP **Consecutive Copy**

- Multiple figures and objects can be copied at once.

- When copying, information such as device numbers can be incremented based on the original data, reducing the effort of reconfiguration.

[Increment-Supported Items]
- » Device Number
- » Comment Group No.
- » Comment No.
- » User ID
- » Move Destination ID
- » **NEW** Array Element Count
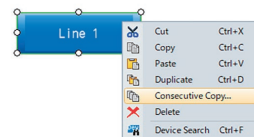
Increment comment No. and device No.
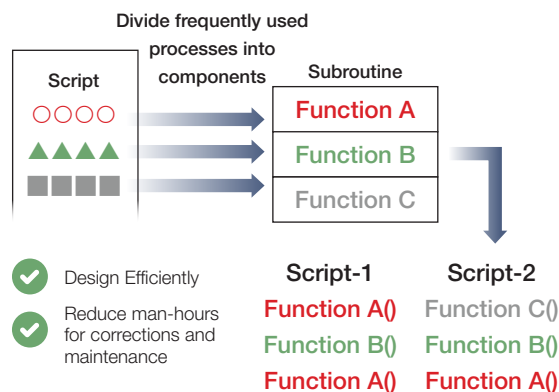
No re-setting required

Efficient scripting

NEW **Subroutine of the Script**

A process can be divided into reusable components (subroutines). By using these subroutines, development becomes more efficient.

Script:
A language-type program similar to C language, capable of controlling the display of GOT.

Divide frequently used processes into components

Subroutine
- Function A
- Function B
- Function C

- ✔ Design Efficiently
- ✔ Reduce man-hours for corrections and maintenance

Script-1
Function A()
Function B()
Function A()

Script-2
Function C()
Function B()
Function A()

Debug

Debug from your desk even without GOT unit

Ver. UP **Simulator (GT Simulator3)**

- Operations of GOT can be simulated on a computer using the simulator (GT Simulator3).

- By specifying the project of the controller to be integrated in advance in the GOT project, the simulator of the controller (GX Simulator3) will automatically start when you start the GOT simulator (GT Simulator3), allowing you to begin debugging immediately.

Before Without link

1. Open the project in the controller in GX Works3
2. Start the simulator of the controller (GX Simulator3)
3. Start the GOT simulator (GT Simulator3)

NEW With link

1. Set the project of the controller to be integrated

Automatic start

2. With the start of the GOT simulator (GT Simulator3), debugging starts
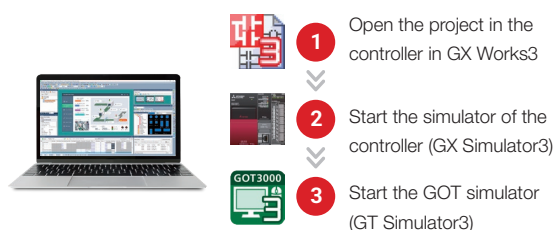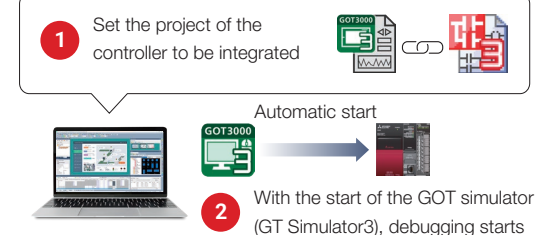
Once integrated, project data is automatically integrated every time.

Reuse

Reuse to reduce design man-hours

Add-on projects (sample screens) ready for immediate use are provided, featuring designs with excellent visibility and usability.

Add-On Project for Connections → See page 28 for details

Servo amplifier connection (MR-J5-G)
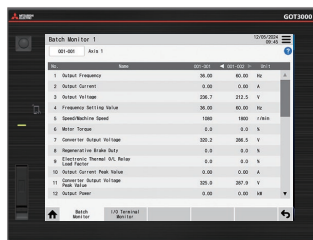
GOT Drive

Inverter connection (FR-E800-E)

GOT Drive

Add-On Project for Functions
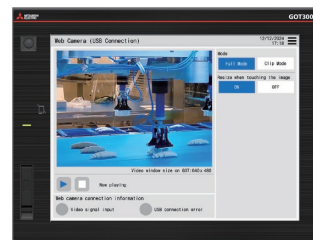
Web camera (USB connection)
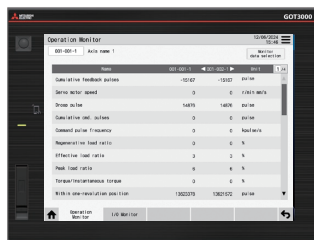
* For the latest add-on projects, please contact your local sales office.

Reuse the project assets easily

Utilize Data

Existing project data for GOT3000 is reusable on a project or screen basis.

GOT3000 → Reuse

Management

Manage projects easily

Ver. UP

Screen Tree

● It is possible to display a list of created base screens, window screens, and mobile screens, and to create new ones or edit existing ones.

● **NEW** Group related screens together to keep the project organized.

Display by screen types

Display by switching tabs
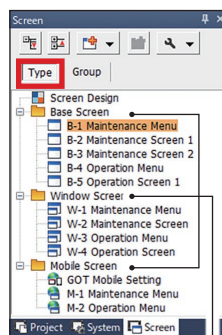
Displayed by base screen, window screen, and mobile screen

Display by screen groups
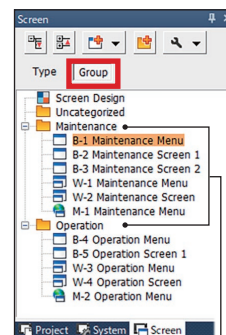
Grouped by maintenance, operation and other categories

17

Easy machine upgrades

GOT1000 → **GOT2000** → **GOT3000**

Entirely Replaceable Without Spending Many Man-Hours

Project data for GOT2000 is reusable

Convert GOT2000 data to GOT3000 data

The panel cut dimensions of the replacement model are compatible

Extension units and connection cables are reusable

Benefits of Replacement

- The high-quality display enhances visibility and information accuracy.
- Enhanced functionality allows for the adjustment and monitoring of controllers without a computer, improving maintainability.
- Faster monitoring response, communication, and startup.
- Gain peace of mind with many security features.

Panel cut compatibility with GOT2000 series

GOT3000 series has the same screen size and panel cut dimensions as the GOT2000 series, so no changes to the mounting holes are necessary.

GOT3000 Series		GOT2000 Series
15.6" widescreen	GT3715-FHCBD	—
12.1" widescreen	GT3712-WXCBD	Same dimensions as GT2712 and GT2512-S.
12.1"	GT3712-XRBA, GT3712-XRBD	Same dimensions as GT2712 and GT2512-S.
10.4"	GT3710-XRBA, GT3710-XRBD	Same dimensions as GT2710, GT2510-V, and GT2310.
8.4"	GT3708-XRBA, GT3708-XRBD	Same dimensions as GT2708, GT2508, and GT2308.

Regarding the replacement, there are some precautions.
For details, please refer to the technical bulletin No.GOT-A-0239.

🔍 GOT Solutions

INDEX

GOT Solutions

Remote
Solutions

Improve work efficiency from startup to maintenance with remote monitoring.

Monitor according to your requirements

Monitor the site with remote visualization solutions suited for your application.

Application examples

Startup and Adjustment	Operation	Maintenance
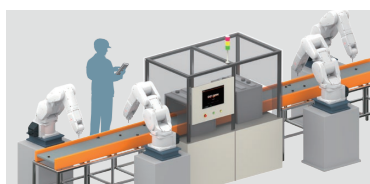
Adjusting the equipment remotely, away from the control panel

How is the site? Any problems?
Computer + Large monitor

Visualizing with a large screen

Equipment error! How do we recover?
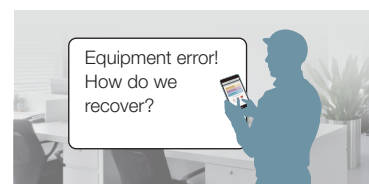
Checking from remote locations
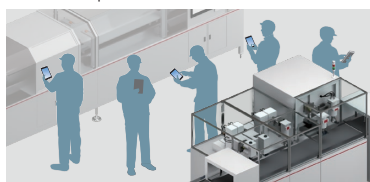
Multiple people working simultaneously

Is the production going well?
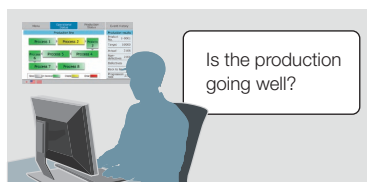
Checking from the office
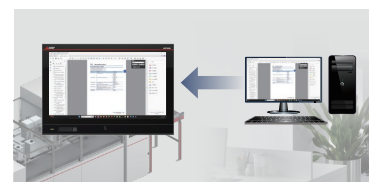
Equipment recovery while consulting the manual on the computer

Remote monitoring comparison

●: Supported —: Not supported

Item	Monitor and Operate GOT3000 or GT SoftGOT3000 from a Computer or a Mobile Device				Monitor and Operate Computer from GOT
	GOT Mobile Function		VNC Server Function	SoftGOT-GOT Link Function [Future Support]	Remote Personal Computer Operation (Ethernet) Function [Future Support]
	GOT	SoftGOT			
Simultaneous Client Connections	Max. 5	Max. 15	1	Max. 7*1	—
Display Different Screens for each Client	●		— Display GOT screen as is	●	—
Simultaneous Operation Prevention (Exclusive Control of Operational Authority)	●		●	●	—
Screen Creation for Remote Monitoring	Required*3		Not required	Not required	—
Viewing Application	Web browser		VNC viewer*2	SoftGOT	GOT screen
License	Register to GOT	Register to SoftGOT	Register to GOT	Register to SoftGOT*4	Register to GOT

*1 Simultaneous connection is supported only when GOT network interactive function is used.
*2 Regarding the VNC client software that has been operation-verified, please refer to the technical bulletin No.GOT-A-0234. »
*3 The screen is created using GT Works3 (GT Designer3). Screens designed for GOT are reusable.
*4 GT SoftGOT3000 license is required.

Technical Bulletin

Remotely monitor the site using web browser

GOT Mobile

GOT Mobile Function

Ver.UP

License required

- The equipment can be monitored and operated through a web browser on a computer or a mobile device.
- Monitoring the equipment through a web browser eliminates the need for specific software applications or hardware. This allows the system to be built without incurring additional costs.

System configuration

Server
» GOT or SoftGOT

NEW
Encrypted communication with HTTPS

Client
» Computer, mobile device (web browser)

Access GOT from a specified URL
→ Retrieve URL information through the contactless tag **NEW**

Register **GOT Mobile** function license*1

Wireless LAN access point

For various uses

The screen size is freely customizable to suit various purposes.

Mobile devices	Office computers	Andon monitors

Recommended browsers

Microsoft Edge®, Google Chrome™, Safari®

*1 By registering one license on GOT or SoftGOT, GOT can be simultaneously connected by up to 5 clients, and SoftGOT can be simultaneously connected by up to 15 clients.

Notifications by Sound and Vibration

Pocket GOT

Mobile application Pocket GOT

- This is a mobile app for GOT. When installed on a mobile device, the app sends push notifications with sound or vibration if an error occurs in the monitored GOT. Important information won't be missed.
- With GOT, you can easily build a system that notifies of errors.
- In the mobile app Pocket GOT, you can register up to 20 GOTs to be monitored.

Achieved at no cost by using the free app

The app notifies you of any errors

Three types of push notification

- Vibration
- Sound
- Banner

Can be received even on smartwatches

Pocket GOT
Operation1
Linear Encoder Error2

Tap

GOT Mobile ERROR

[Free]
Download the mobile app here

GET IT ON Google Play

Download on the App Store

21

Easy monitoring with the same screen as GOT

Ver. UP VNC Server Function

License required

- The GOT screen at a remote site can be displayed and operated as it is on a computer or a mobile device. There is no need to create a separate display screen.
- The GOT screen can be checked directly from the office when a problem occurs, allowing the on-site situation to be quickly understood and promptly addressed.
- **NEW** SSH port forwarding communication is supported, enabling more secure remote access through an encrypted communication route.

Remote monitoring from the office

Office Factory ERROR SSH
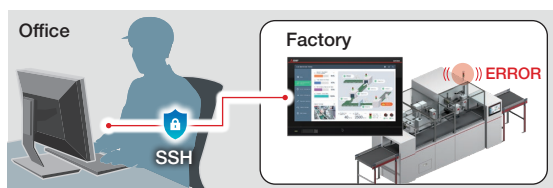
Remote monitoring from outside the cleanroom

Factory (inside the cleanroom) SSH

System configuration

Factory
Register the VNC server function license

Ethernet
HUB
Wireless LAN access point

Office
Check on a computer
OS: Windows®

Remote Location
Check on a smartphone or tablet
OS: Android™, iOS
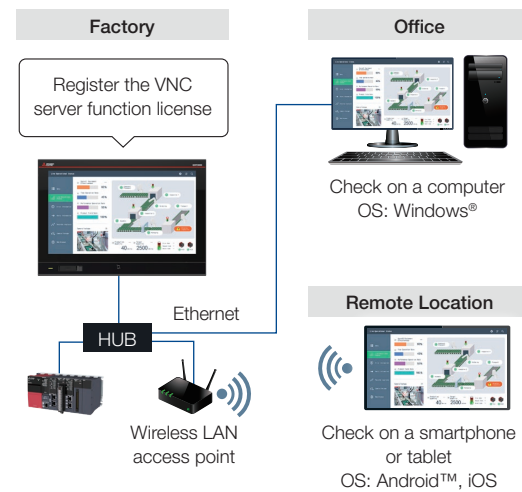
Access computer information from GOT

Remote Personal Computer Operation (Ethernet) Function [Future Support]

License required

- The computer can be remotely operated from GOT, making manuals and drawings in the computer accessible at the production site.
- When a problem occurs, you can refer to the recovery manual on the computer to proceed with recovery work, enabling swift troubleshooting.

Office
Register the remote personal computer operation (Ethernet) function license
Manual viewing
HUB
Factory

Access various information by operating the computer from GOT

Camera footage Video viewing Mitsubishi Electric FA Global website browsing
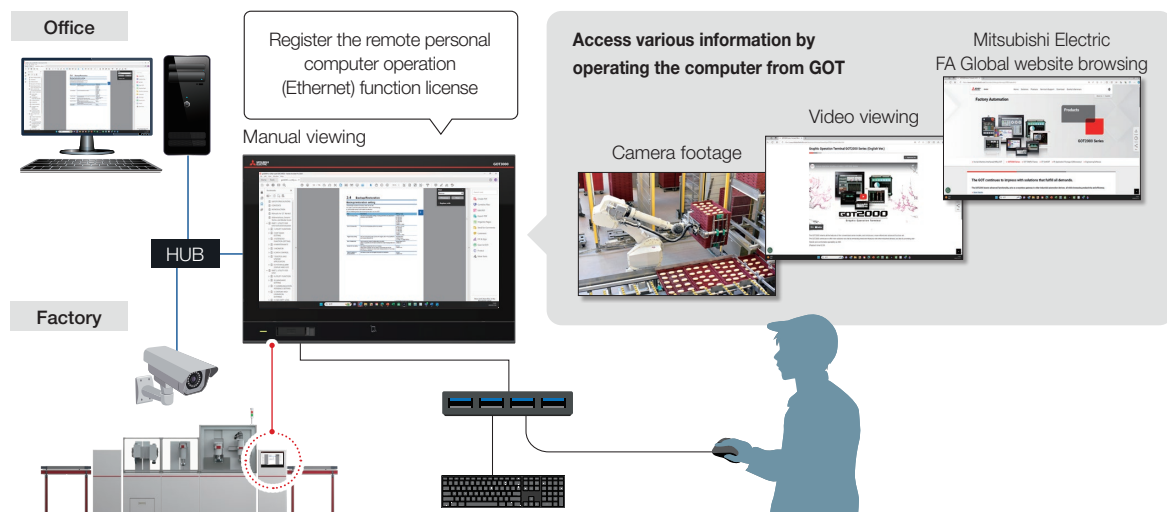
Manage both GOT and the production site with your computer

HMI Software

GT SoftGOT3000 `License required*`

* A license key (for the USB port) is no longer needed.
   The license is now registered electronically.

What can be done with GOT can also be done on your computer

- Production line monitoring is possible on a computer with a screen equivalent to GOT.
- Similar to the GOT screen, the screen is created using GT Works3. Furthermore, project data for GOT can be converted for use on different models.
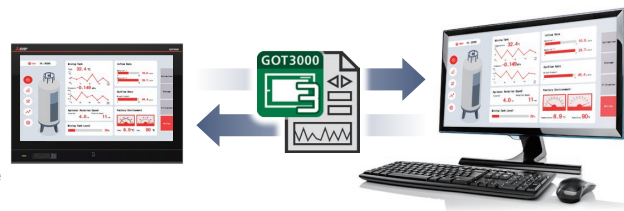
$\longrightarrow$ For the supported functions, see "Function List" on page 32.

Integrated monitoring of multiple lines

Multi-Channel Function

- Information from multiple lines can be checked and centrally monitored on a single computer.
- One SoftGOT can connect to up to four-channel controllers.

SoftGOT

Ethernet

Non-Mitsubishi programmable controllers

Mitsubishi programmable controller
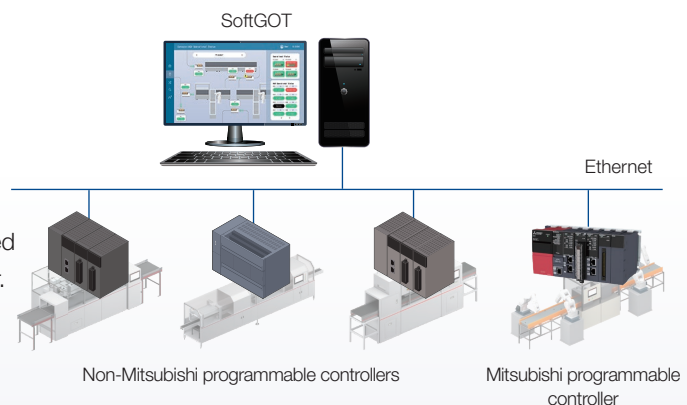
With GOT On-Site

Monitor using the same screen as the on-site GOT

SoftGOT-GOT Link Function [Future Support]

- If there is a GOT on-site, SoftGOT can use the on-site GOT data for remote monitoring.
- The use of the data from the on-site GOT eliminates the need to create screens for SoftGOT.

Office

SoftGOT

No need to create a project data

Monitoring controllers connected to GOT

Ethernet

Factory

Using project data within GOT
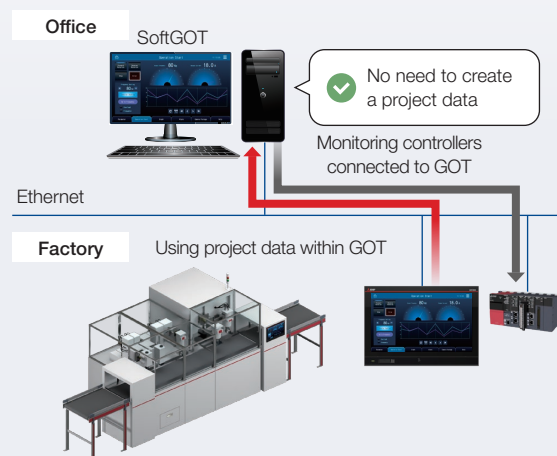
GOT Solutions

Maintenance
Solutions

Reduce man-hours with the various functions that support maintenance work.

Enhanced traceability enables quick troubleshooting

Operation Log Function

- Check details of what, when, and how operations were performed on GOT.
- When used with the operator authentication function (page 13), the person who performed operations on GOT can be tracked, enabling quick identification and resolution of issues.
- Operation logs can be accessed on a computer, facilitating the analysis of trouble cause tendencies.

Operation Log List
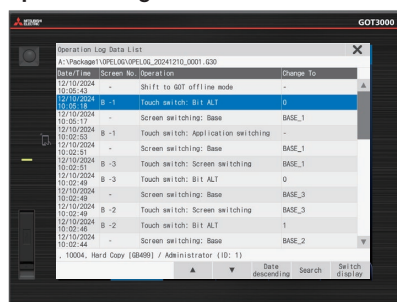
Touch the row of the operation log you want to check

More details

Detailed information
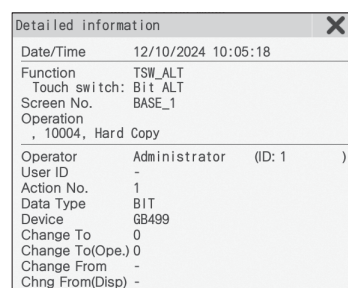
"When, what, and how" operations were performed can be checked

Information is conveyed more effectively through audio

Sound Output Function

Speech Synthesis Function (GT Designer3)   License required

- Operators can be notified with a voice alert when an event occurs in the equipment. In addition to visual notifications, voice alerts help deliver instructions to operators when action is required.
- Melodies or custom messages will be played depending on the situation.

Messages are available in 6 languages

Speaker with a built-in amplifier

⚠ **Please replace the part.**

Japanese	English
部品を交換してください。	Please replace the part.

Chinese (Traditional)	Chinese (Simplified)
請更換零件。	请更换部件。

Korean	Spanish
부품을 교환하십시오.	Reemplace el pieza, por favor.

Convenient access for machine maintenance

FA Transparent Function

- Use GOT as a pass-through connection to access controllers inside the control panel.
- There is no need to open the control panel to connect the computer to the controllers.

✓ Access, start, and adjust each FA device from GOT

Retain important information even without a battery

NEW **Equipped with Non-Volatile RAM**

No battery is required to retain data such as logging data and alarm data.

* A battery is required when backing up clock data.

Important data is retained

Quick recovery with on-site GOT, no computer needed

Backup/Restore Function [Future Support]

- GOT can backup/restore program and parameters of connected controllers.
- When replacing equipment due to failure, restore the backed-up data using GOT to quickly return the machine to operating condition.

Backup

✓ A wide range of models are supported for backup

Programmable controller   Servo amplifier   Inverter

NEW CPU module

ERROR

Replace the faulty CPU module

Restore

✓ On-site recovery is possible without a computer
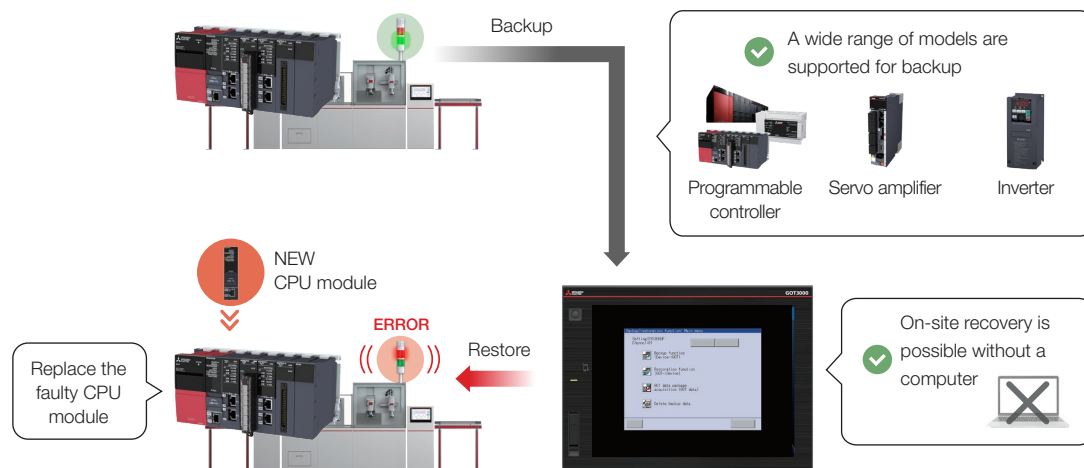
* Because it is scheduled for future support, the actual screen image may differ.

GOT Solutions

MELSEC
Interactive Solutions

Check the status of the programmable controller without a computer and optimize maintenance work efficiency.

Quickly view programmable controller status

NEW

Web Browser Function

The status of the CPU module can be checked by displaying the web page of the programmable controller's web server function.

CPU module equipped with the web server function

Detailed module information (MELSEC iQ-R)

CPU diagnosis (MELSEC iQ-F)
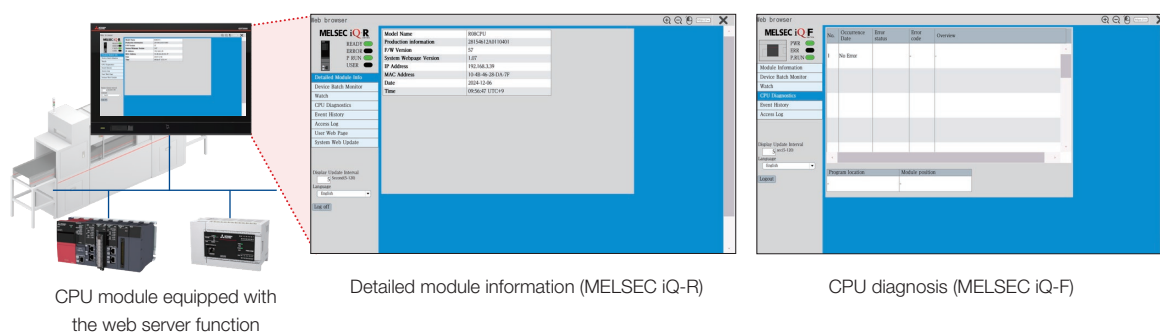
Check programmable controller errors in ladder format

Sequence Program Monitor Function [Future Support]

- When an error occurs, identify the cause or equipment's error by checking the sequence program in a ladder diagram format on GOT.
- Modifying the device current values and ladder program editing is also supported.

Ladder monitor screen

Ladder editing image

Sensor X10 — M20 → Display device comments

Correction

Sensor X20 — M20 → Correct the device value from X10 to X20

Locate the problem area and edit the ladder directly
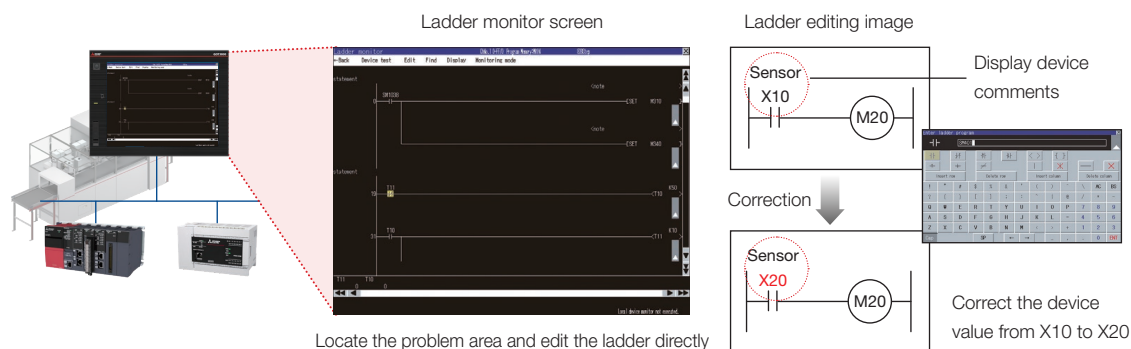
* Because it is scheduled for future support, the actual screen image may differ.

Quickly identify programmable controller module errors

System Launcher Function [Future Support]

The system configuration of the programmable controller connected to GOT can be checked graphically. You can confirm the product information, such as the serial numbers of each unit, without a computer with a dedicated engineering tool installed.

Module status is notified by icons
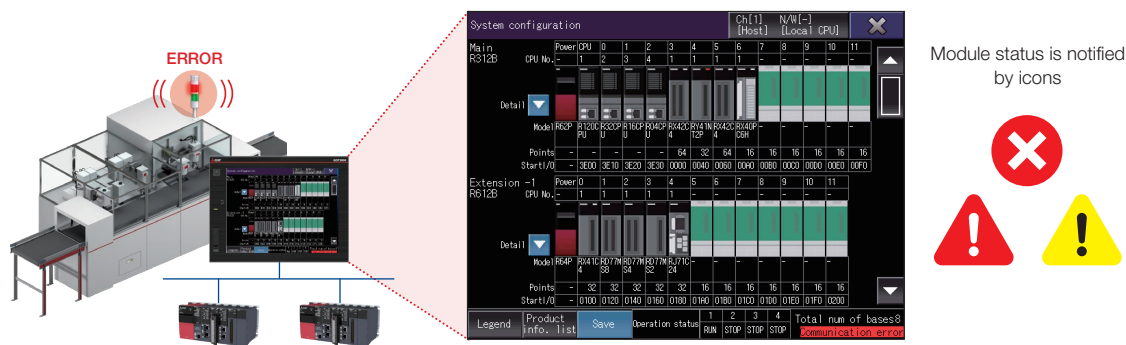
* Because it is scheduled for future support, the actual screen image may differ.

Adjust the system recorder camera without a computer

MELSEC iQ-R Camera Recorder Module Connectivity [Future Support]

- When introducing the system recorder to the equipment, startup operations can be performed quickly by checking the live camera feed on GOT and adjusting the camera position (PTZ control).
- In addition to startup operations, the live camera feed can be checked on the GOT during troubleshooting, which helps identify the cause.
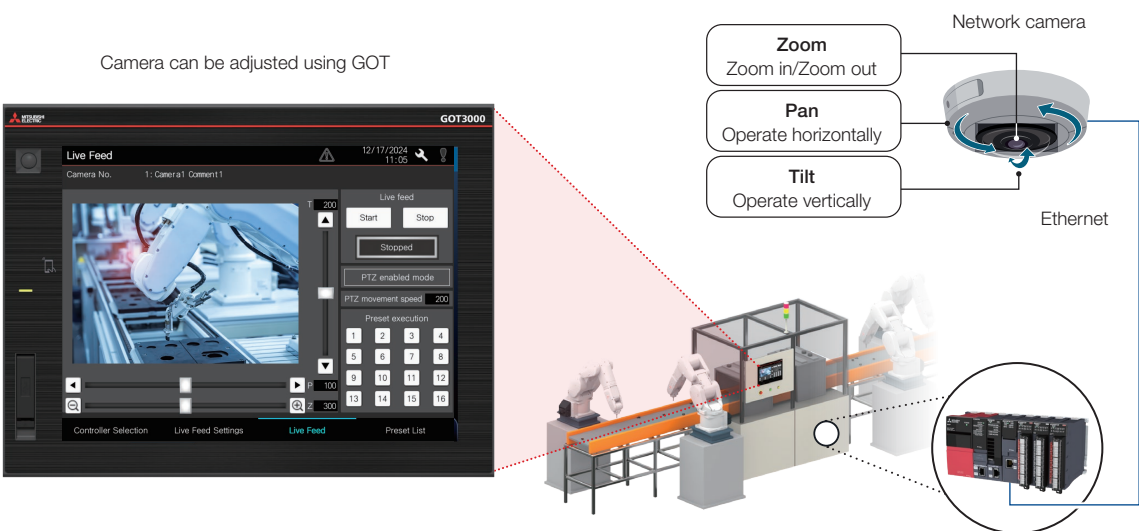
Camera can be adjusted using GOT

Network camera

Zoom Zoom in/Zoom out

Pan Operate horizontally

Tilt Operate vertically

Ethernet

Add-on projects (sample screens) are also available for immediate use.

$\longrightarrow$ See page 17 for details

GOT Solutions

GOT Drive Control Interactive Solution (Servo)

Enhance work efficiency from startup to maintenance by checking the status of the servo system without a computer.

GOT Drive

Monitor and configure multiple servo amplifier axes with a single GOT

Previously,
the servo settings were configured, adjusted, diagnosed using

MR Configurator2 `Computer`

» Computer was required
» Connecting to the servo amplifier was troublesome

Now, these tasks can be handled using

MR Configurator2 `Computer` & **GOT Drive**
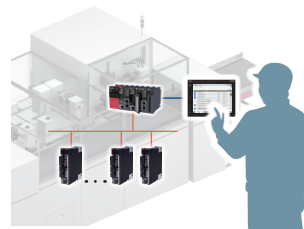
✅ Configure, adjust, and diagnose multiple axes using a single GOT*1

✅ Work can be done immediately on-site

*1 Supports some of the functions of MR Configurator2.

Immediately available with the add-on project (sample screen)

Ethernet

CC-Link IE TSN

GOT Drive

Add the add-on project
Configure controllers

System configuration compatible with the add-on project
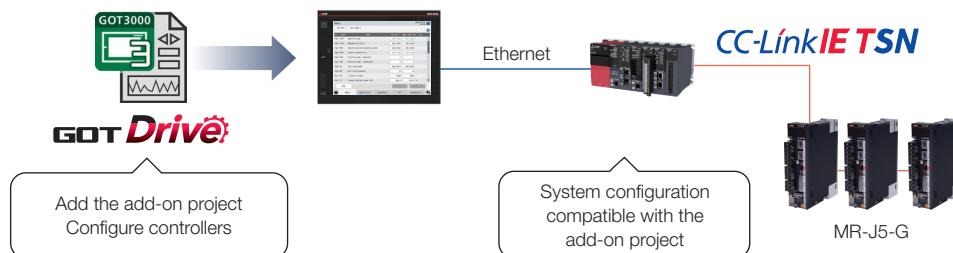
MR-J5-G

Enhance work efficiency with the easy-to-use screen

Parameters for multiple axes can be monitored and set on a single screen.

◀ 001-002-1 ▶

Use the ◀ ▶ switches to change axes for monitoring and setting

Monitoring and setting of multiple axes

Register monitoring target
(MR-J5-G: Up to 768 axes)
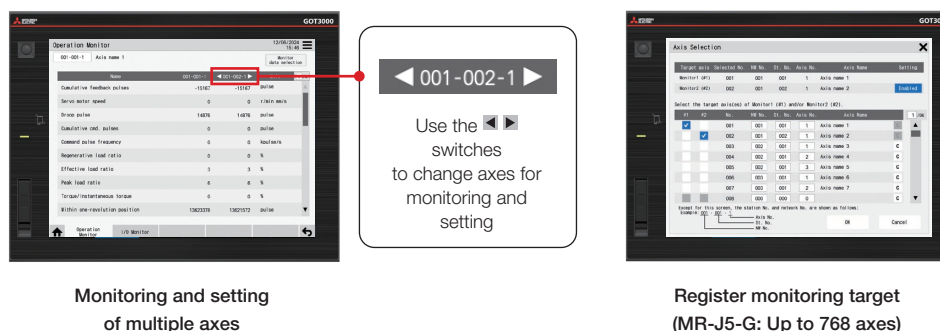
Compatible servo amplifiers

MELSERVO-**J5**
≫ MR-J5-G(4)
≫ MR-J5W-G   [Add-on project]
≫ MR-J5D-G4   [Add-on project]
≫ MR-J5-B(4)
≫ MR-J5W-B

MELSERVO-**J4**
≫ MR-J4-B(4)
≫ MR-J4W-B
≫ MR-J4-GF(4)

*1 If the model doesn't have an add-on project, users can create their own screens for monitoring and setting.

Startup and adjustment

Parameter settings

Display and edit the servo amplifier parameters.
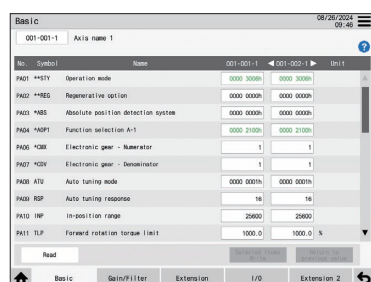
Monitoring

Check the status of the operating servo amplifier.
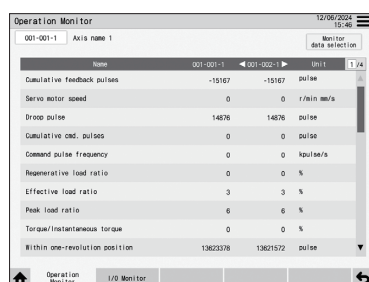
One-touch tuning

Adjust the servo gain according to machine characteristics by simply turning on one-touch tuning function.
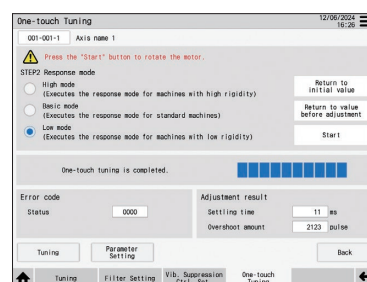
Tuning

In addition to automatic tuning, manually fine-tune the control gain for better performance.
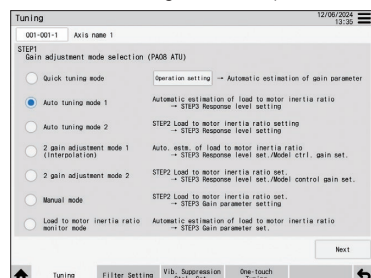
Test operation

Ensure proper machine functioning before it goes to full operation.
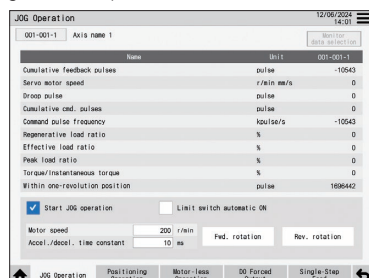
Maintenance

Machine diagnosis

Predictive maintenance

Check the failure predictions diagnosed by the servo amplifier.
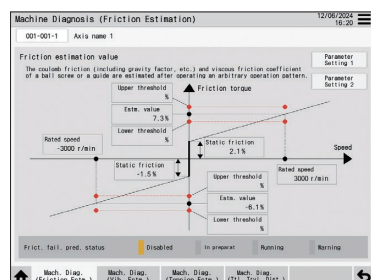
Life diagnosis

Preventive maintenance

Check the estimated time for servo amplifier repair or replacement. Diagnostic results for multiple axes can be batch output for later review.
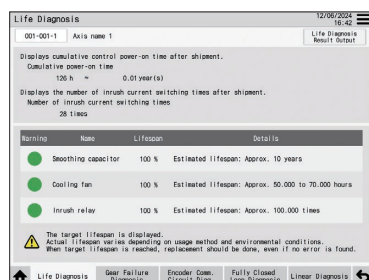
Alarm display

Corrective maintenance

Examine the active alarms of the servo amplifier.
The alarm history can be also reviewed.
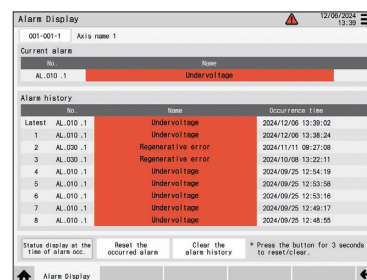
All the screens above are the sample screens for MR-J5-G and MR-J5W-G. As updates are made regularly, the screens may differ from those in this catalog, and some function screens are not presented here.

For the latest add-on projects, please contact your local sales office.

GOT Solutions
GOT Drive Control Interactive Solution (Inverter)

Boost work efficiency from startup to maintenance by checking the inverter's status without a computer.

GOT Drive

Monitor and configure multiple inverters with a single GOT

Previously, the inverter settings were configured using
the operation panel (on the inverter)
FR Configurator2 [Computer]

» Each unit had to be configured individually
» Connecting to the inverter was troublesome

Now, these tasks can be handled using
the operation panel (on the inverter)
FR Configurator2 [Computer] **& GOT Drive**
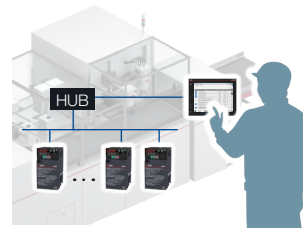
✓ Configure, adjust, and diagnose multiple units using a single GOT*1
✓ Work can be done immediately on-site

*1 Supports some of the functions of FR Configurator2.

Immediately available with the add-on project (sample screen)

GOT3000
GOT Drive

Add the add-on project
Configure controllers

System configuration compatible with the add-on project

Ethernet   HUB   Ethernet
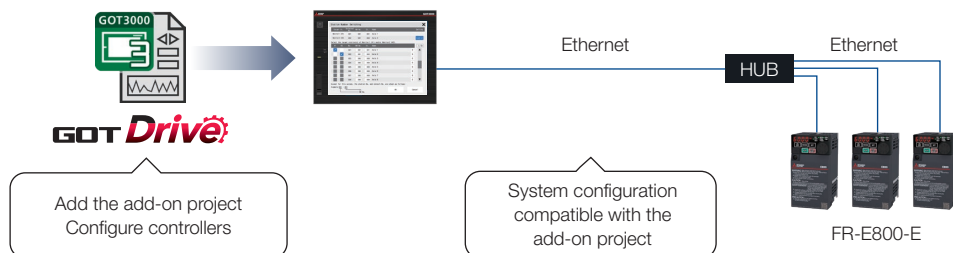
FR-E800-E

Improve work efficiency with the easy-to-use screen

Parameters for multiple units can be monitored and set on a single screen.

◄ 001-002 ►

Use the ◄ ► switches to change stations for monitoring and setting
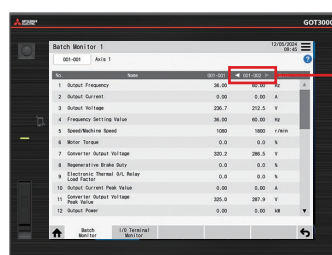
Monitoring and setting
of multiple inverters
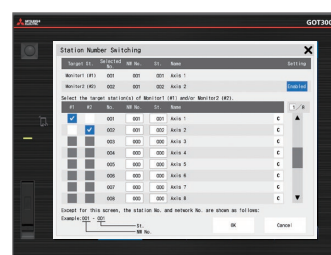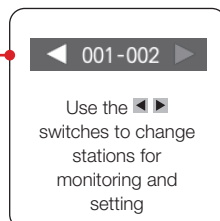
Register monitoring target
(FR-E800-E: Up to 64 units)

Compatible inverters

» **FR-E800-E**   **Add-on project**   » **FR-A800-E**
» **FR-A800-E Plus**   » **FR-F800-E**

*1 If the model doesn't have an add-on project, users can create their own screens for monitoring and setting.


Startup and adjustment

Parameter settings

Display and edit the inverter parameters.
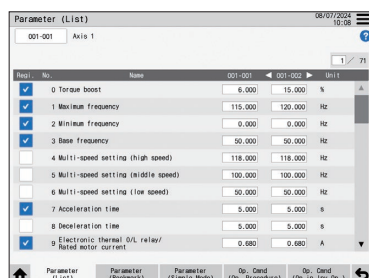
Parameter settings (Bookmark)

Display and edit only the bookmarked parameters.
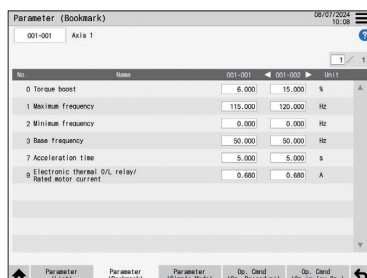
Operation command

Operate the inverter by executing drive commands.
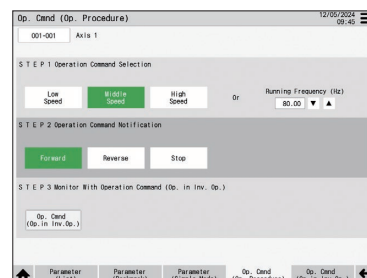
Batch monitoring

Monitor inverter information collectively.
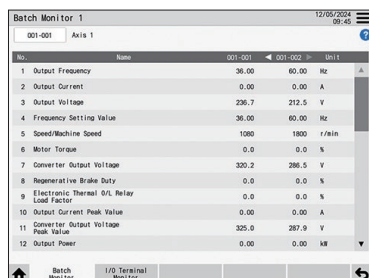
Parameter saving

Save parameter information and restore it when necessary.
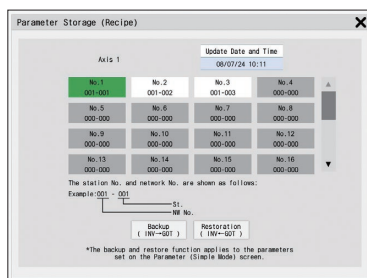
Parameter copy

Copy the backed up parameter information to another inverter.
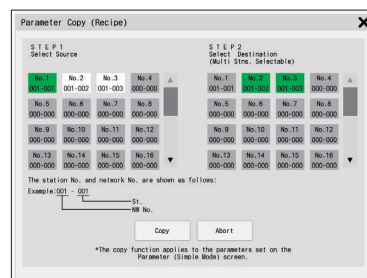
Maintenance

Predictive maintenance

Machine diagnosis
(Load Characteristics Measurement)

Verify the load conditions and fault detection diagnosed by the inverter.
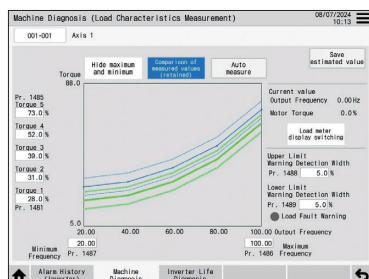

Preventive maintenance

Life diagnosis

Check the estimated time for inverter repair or replacement. Diagnostic results for multiple units can be batch output for later review.
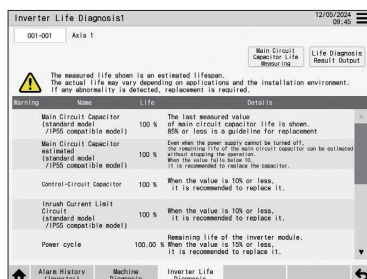
Corrective maintenance

Alarm display

Examine the active alarm of the inverter. Reviewing the alarm history is also possible.
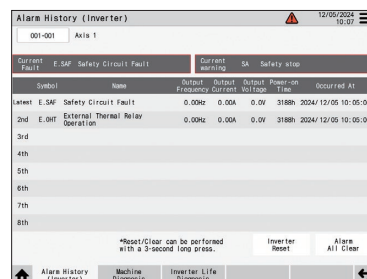
All the screens above are the sample screens for FR-E800-E. As updates are made regularly, the screens may differ from those in this catalog, and some function screens are not presented here.

For the latest add-on projects, please contact your local sales office.

Function List

●: Supported   ▲: Supported only on certain models   —: Not supported

Category	Item		○: Required / △: Conditionally required License	External storage	GT37 Wide	GT37	GT SoftGOT3000	GT27
Hardware specifications	Screen size	15.6" widescreen NEW			●	—		—
		12.1" widescreen NEW			●	—		—
		12.1"			—	●		●
		10.4"			—	●		●
		8.4"			—	●		●
	Resolution	Full HD 1920 x 1080 NEW			●	—	Long side: 640 to 1920 Short side: 480 to 1200	—
		WXGA 1280 x 800			●	—		—
		XGA 1024 x 768			—	●		▲
	Color	16 million colors NEW			●	●	●	—
		Simultaneous press (2 points)			●	—	—	●
		Human sensor			—	▲ GT3712-X only	—	▲
	Memory	User memory RAM			768 MB			256 MB (GT2705-V: 80 MB)
		User memory ROM			256 MB			57 MB (GT2705-V: 32 MB)
		Non-volatile RAM NEW			●		—	
	Built-in interface	RS-232/422/485			RS-232/422/485 x 1		Computer I/F required	RS-232 x 1, RS-422/485 x 1
		Ethernet Port 1			1000BASE-T, CC-Link IE TSN (Class A) supported		Computer I/F required	100BASE-TX
		Ethernet Port 2			1000BASE-T		—	—
		Front USB (device/host) NEW			USB 3.2 gen1 x 1, USB Type-C		—	Device: USB 2.0 x 1, USB Mini B Host: USB 2.0 x 1, USB Type-A
		Rear USB (host)			USB 3.2 gen1 x 1, USB Type-A		Computer I/F required	USB 2.0 x 1, USB Type-A
		Digital video output NEW			●		—	—
		SD memory card			●		Computer virtual drive	●
		Contactless tag NEW			●		—	—
		Extension I/F			●		—	●
Screen design	Figure/Object function	Figure			●	●	●	●
		Logo text			●	●	●	●
		UD font NEW			●	●	●	—
		Touch switch			●	●	●	●
		Lamp			●	●	●	●
		Numerical display, Numerical input			●	●	●	●
		Text display, Text input			●	●	●	●
		Date display, Time display			●	●	●	●
		Comment display		△	●	●	●	●
		Parts display		△	●	●	●	●
		Frame animation NEW			●	●	●	—
		Historical data list display		△	●	●	●	●
		Alarm display Alarm display (user)		△	●	●	●	●
		Alarm display Alarm display (system)		△	●	●	●	●
		Alarm display Simple alarm display			●	●	●	●
		Alarm display System alarm display			●	●	●	●
		Recipe display (record list)			●	●	●	●
		Graph			●	●	●	●
		Historical trend graph		△	●	●	●	●
		Graphical meter			●	●	●	●
		Meter			●	●	●	●
		Slider			●	●	●	●
		Document display Document converter output file		○	●	●	●	●
		Document display PDF file		○	[Future Support]	[Future Support]		●
		Script part			●	●	●	●
	Functions running in the background	Logging		△	●	●	●	●
		Recipe		△	●	●	●	●
		Device data transfer			●	●	●	●
		Trigger action			●	●	●	●
		Time action		△	●	●	●	●
		Hard copy File output (BMP, JPEG)		○	●	●	●	●
		Project/Screen script			●	●	●	●
		Object script			●	●	●	●

●: Supported ▲: Supported only on certain models —: Not supported

Category	Item	○: Required / △: Conditionally required — License	External storage	GT37 Wide	GT37	GT SoftGOT3000	GT27
Screen design — Functions using peripheral devices	Barcode function			●	●	●	●
	RFID function			●	●	●	●
	GOT Mobile function	○	△	●	●	●	●
	Web browser function NEW			●	●	—	—
	VNC server function	○		●	●	—	●
	Remote personal computer operation (Ethernet) function	○		[Future Support]	[Future Support]	—	●
	Digital image input function — WEB camera (USB connection) NEW			●	●	—	—
	Digital image input function — Computer			●	●	—	▲ Extention unit required
	Digital image input function — Network camera (Ethernet connection) NEW	○		[Future Support]	[Future Support]	—	—
	Digital image recording and playback function NEW — WEB camera (USB connection)	○	○	[Future Support]	[Future Support]	—	—
	Digital image recording and playback function NEW — Network camera (Ethernet connection)	○	○	[Future Support]	[Future Support]	—	—
	External I/O function			[Future Support] Extention unit required	[Future Support] Extention unit required	—	● Extention unit required
	Operation panel function			[Future Support] Extention unit required	[Future Support] Extention unit required	[Future Support]	● Extention unit required
	Image output function			●	●	—	▲ Extention unit required
	Sound output function			●	●	●	● Extention unit required
	VPN connection function NEW	○		●	●	—	—
	Contactless tag function NEW			●	●	—	—
	OPC UA server function NEW			●	●	[Future Support]	—
	OPC UA client function NEW			[Future Support]	[Future Support]	[Future Support]	—
	Server function			[Future Support]	[Future Support]	[Future Support]	●
	Client function			[Future Support]	[Future Support]	—	●
	Mail send function			[Future Support]	[Future Support]	[Future Support]	●
	FTP server function		△	[Future Support]	[Future Support]	—	●
	File transfer (FTP client) function		○	[Future Support]	[Future Support]	—	●
	USB mouse, USB keyboard function			●	●	●	●
GOT functions	Base screen			●	●	●	●
	Window screen			●	●	●	●
	Mobile screen			●	●	●	●
	Language switching			●	●	●	●
	System information			●	●	●	●
	Operator authentication		△	●	●	●	●
	Information protection function NEW			●	●	●	—
	Encrypted communication function NEW			●	●	●	—
	Operation log		○	●	●	●	●
	Startup logo			● Fade-in/Fade-out function expansion available	● Fade-in/Fade-out function expansion available	● Fade-in/Fade-out function expansion available	●
	Kana-Kanji/Pinyin conversion			[Future Support]	[Future Support]	[Future Support]	●
	FA transparent			●	●	—	●
	SoftGOT-GOT link			[Future Support]	[Future Support]	[Future Support]	●
	Backup/Restore function		○	[Future Support]	[Future Support]	[Future Support]	●
	Multi-channel function			4 channels	4 channels	4 channels	4 channels
	Station No. switching			●	●	●	●
	GOT network interaction function			[Future Support]	[Future Support]	[Future Support]	●
	Screen gesture function			●	—	—	●
	Object gesture function			●	● Some functions are unavailable	—	●
	IP filter function			●	●	—	●
	Vertical display			●	●	—	●
Maintenance function	Sequence program monitor (iQ-R ladder)		○	[Future Support]	[Future Support]	—	●
	Sequence program monitor (iQ-F ladder)		○	[Future Support]	[Future Support]	—	●
	Sequence program monitor (Q/L ladder)		○	[Future Support]	[Future Support]	—	●
	CC-Link IE TSN/CC-Link IE Field network diagonosis			[Future Support]	[Future Support]	—	●
	Inteligent unit monitor			[Future Support]	[Future Support]	—	●
	R motion monitor			[Future Support]	[Future Support]	—	●
	Log viewer		△	[Future Support]	[Future Support]	—	●
	iQSS utility		○	[Future Support]	[Future Support]	—	●
	System launcher			[Future Support]	[Future Support]	[Future Support]	●
	GOT offline monitor		△	[Future Support]	[Future Support]	[Future Support]	●

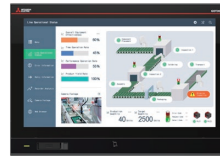For details on each function, compatible controllers, and connection configurations, please refer to the GOT3000 Series manual.

Specifications

GT37 Wide	

Wide

Wide

Category	Item		GT3715-FHCBD	GT3712-WXCBD
Performance specifications	Display section*1	Display device	TFT color LCD	
		Screen size	15.6" widescreen	12.1" widescreen
		Resolution	Full HD: 1920 x 1080	WXGA: 1280 x 800
		Screen size (W x H)	344.2 x 193.6 mm 13.55 x 7.62 in.	261.1 x 163.2 mm 10.28 x 6.43 in.
		Display color	16 million colors	
		Brightness adjustment	32 levels	
		Backlight	LED (not replaceable)	
		Backlight life	50,000 hours or more	
	Touch panel	Type	Projected capacitive*2	
		Simultaneous press	Up to two points	
		Life	—	
	Panel color		Black	
	Human sensor		—	
	Memory capacity (user memory)		RAM: 2 GB (768 MB)	
			ROM: 512 MB (256 MB)	
	Battery		GT11-50BAT lithium battery (sold separately)	
		Backup target	Clock data	
	Built-in interface	RS-232/422/485	1 channel, D-sub 9-pin (socket), 115200, 57600, 38400, 19200, 9600, 4800 bps Select either one channel from RS-232 or RS-422/485	
		Ethernet	2 channels, RJ45 (modular jack), 1000BASE-T, 100BASE-TX, 10BASE-T	
		USB (device/host)	1 channel, USB Type-C, USB 3.2 gen 1	
		USB (host)	1 channel, USB Type-A, USB 3.2 gen 1	
		Digital video output	1 channel, HDMI connector type A	
		SD memory card	1 channel	
		Contactless tag	1 channel	
		Extension I/F	For communication unit connection	
	Buzzer sound		Single tone (pitch and duration adjustable)	
	Power LED		Yellow-green	
	Protective structure		Front: IP66F, IP67F, NEMA Type 4X Enclosure interior: IP2X	
	Safety standards		CE, UL, cUL, KC	
	External dimensions (W x H x D)		397 x 276 x 63 mm 15.63 x 10.87 x 2.48 in.	316 x 244 x 63 mm 12.44 x 9.61 x 2.48 in.
	Panel cutting dimensions (W x H)		383.5 x 260 mm 15.1 x 10.24 in.	302 x 228 mm 11.89 x 8.98 in.
	Weight (excl. the installation fittings)		2.7 kg 6.0 lb	2.1 kg 4.6 lb
General specifications	Ambient operating temperature		0℃ to 55℃	
	Ambient storage temperature		-20℃ to 60℃	
	Ambient operating/storage humidity		10% RH to 90% RH, non-condensing	
	Vibration resistance	Compliant with JIS B 3502 and IEC 61131-2		
			Frequency	Acceleration	Amplitude	Sweep count
			5 Hz to 8.4 Hz	—	3.5 mm	X, Y, or Z 10 times in each direction
			8.4 Hz to 150 Hz	10 m/s²	—	
	Shock resistance		Compliant with JIS B 3502 and IEC 61131-2 150 m/s² (15 G), 3 times in X, Y, or Z directions	
Power supply specifications	Power supply voltage		24 V DC (+25%, -20%)	
	Power supply frequency		—	
	Power consumption	Under the maximum load	42 W or less	37 W or less
		Main unit (ref. value)	20 W	15 W
Compatible software package			GT Works3 version 1.400S 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 If conductive materials such as water or oil adhere to the display, GOT may malfunction. Remove any conductive materials before use.

—: Not supported

GT37						SoftGOT

GT3712-XRBA	GT3712-XRBD	GT3710-XRBA	GT3710-XRBD	GT3708-XRBA	GT3708-XRBD	GT SoftGOT3000
TFT color LCD						—
12.1"		10.4"		8.4"		—
XGA: 1024 x 768						Long side: 640 to 1920 / Short side: 480 to 1200
246.0 x 184.5 mm / 9.69 x 7.26 in.		211.2 x 158.4 mm / 8.31 x 6.24 in.		170.9 x 128.2 mm / 6.73 x 5.05 in.		—
16 million colors						16 million colors
32 levels						—
LED (not replaceable)						—
50,000 hours or more						—
Analog resistive						—
—						—
1 million touches or more						—
Black						—
Pyroelectric type		—		—		—
RAM: 2 GB (768 MB)						RAM: (768 MB)
ROM: 512 MB (256 MB)						ROM: (256 MB)
GT11-50BAT lithium battery (sold separately)						—
Clock data						—
1 channel, D-sub 9-pin (socket), 115200, 57600, 38400, 19200, 9600, 4800 bps / Select either one channel from RS-232 or RS-422/485						Computer I/F required
2 channels, RJ45 (modular jack), 1000BASE-T, 100BASE-TX, 10BASE-T						Computer I/F required
1 channel, USB Type-C, USB 3.2 gen 1						—
1 channel, USB Type-A, USB 3.2 gen 1						Computer I/F required
1 channel, HDMI connector type A						—
1 channel						Computer virtual drive
1 channel						—
For communication unit connection						—
Single tone (pitch and duration adjustable)						Single tone (duration adjustable) / Built-in computer speaker or equivalent required
Yellow-green						—
Front: IP66F, IP67F, NEMA Type 4X / Enclosure interior: IP2X						—
CE, UL, cUL, KC						—
316 x 240 x 61 mm / 12.44 x 9.45 x 2.40 in.		303 x 212 x 61 mm / 11.93 x 8.35 x 2.40 in.		241 x 188 x 61 mm / 9.49 x 7.40 x 2.40 in.		—
302 x 228 mm / 11.89 x 8.98 in.		289 x 200 mm / 11.38 x 7.87 in.		227 x 176 mm / 8.94 x 6.93 in.		—
2.0 kg / 4.4 lb		1.8 kg / 4.0 lb		1.5 kg / 3.3 lb		—
0°C to 55°C						—
-20°C to 60°C						—
10% RH to 90% RH, non-condensing						—

Vibration:

Compliant with JIS B 3502 and IEC 61131-2	Frequency	Acceleration	Amplitude	Sweep count		GT SoftGOT3000
	5 Hz to 8.4 Hz	—	3.5 mm	X, Y, or Z 10 times in each direction		—
	8.4 Hz to 150 Hz	10 m/s^2	—			

GT3712-XRBA	GT3712-XRBD	GT3710-XRBA	GT3710-XRBD	GT3708-XRBA	GT3708-XRBD	GT SoftGOT3000
Compliant with JIS B 3502 and IEC 61131-2 / 150 m/s^2 (15 G), 3 times each in X, Y, and Z directions						—
100 V AC to 240 V AC (+10%, -15%)	24 V DC (+25%, -20%)	100 V AC to 240 V AC (+10%, -15%)	24 V DC (+25%, -20%)	100 V AC to 240 V AC (+10%, -15%)	24 V DC (+25%, -20%)	—
50 Hz/60 Hz (±5%)	—	50 Hz/60 Hz (±5%)	—	50 Hz/60 Hz (±5%)	—	—
45 W or less	39 W or less	39 W or less	33 W or less	38 W or less	33 W or less	—
19 W	17 W	15 W	12 W	15 W	12 W	—
GT Works3 version 1.400S or later						GT Works3 version 1.400S or later

Frequently Asked Questions

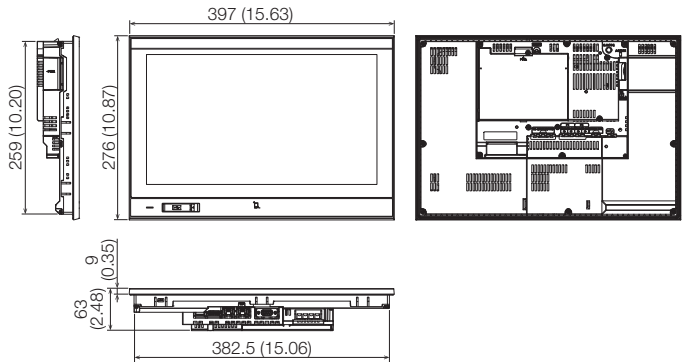For details, please refer to the following manual: GOT3000 Series User's Manual (Hardware)
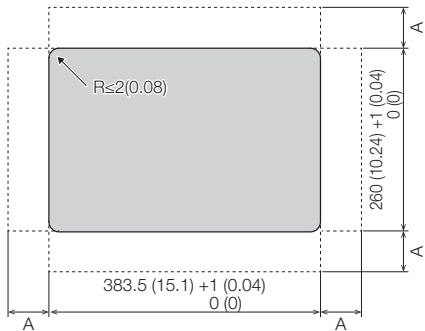
Dimensions
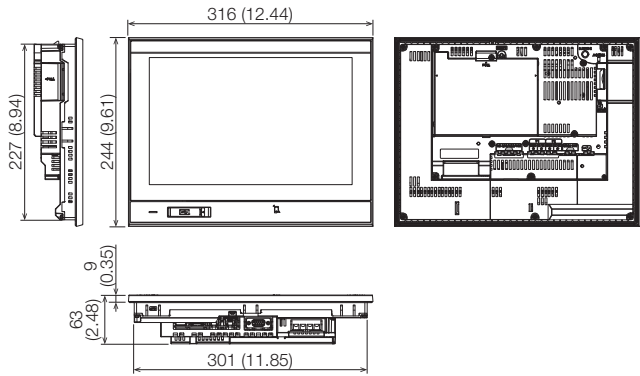
Unit: mm (in.)

GT3715-FHCBD

External dimensions

397 (15.63)
259 (10.20)
276 (10.87)
9 (0.35)
63 (2.48)
382.5 (15.06)

Panel cutting dimensions

R≤2(0.08)
260 (10.24) +1 (0.04) 0 (0)
383.5 (15.1) +1 (0.04) 0 (0)
A
A
A
A

A=15 (0.59) or more
Panel thickness: 1.6 to 4 (0.06 to 0.16)

GT3712-WXCBD

External dimensions

316 (12.44)
227 (8.94)
244 (9.61)
9 (0.35)
63 (2.48)
301 (11.85)

Panel cutting dimensions

R≤2(0.08)
228 (8.98) +1 (0.04) 0 (0)
302 (11.89) +1 (0.04) 0 (0)
A
A
A
A
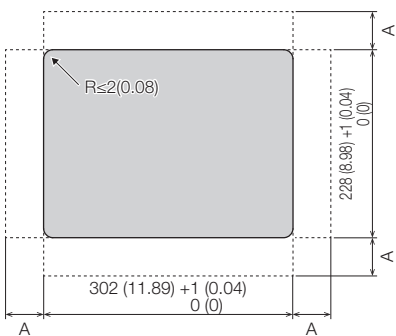
A=15 (0.59) or more
Panel thickness: 1.6 to 4 (0.06 to 0.16)

GT37

GT3712-X

External dimensions

316(12.44)
227 (8.94)
240 (9.45)
6 (0.24)
61 (2.40)
301 (11.85)

Panel cutting dimensions

R≤2(0.08)
228 (8.98)+1 (0.04) 0 (0)
302 (11.89) +1 (0.04) 0 (0)
A
A
A
A
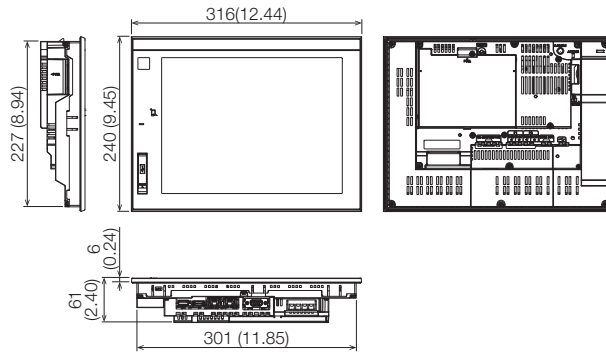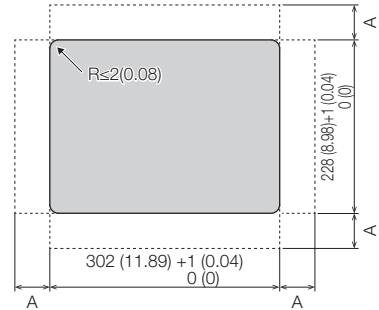
A=15 (0.59) or more
Panel thickness: 1.6 to 4 (0.06 to 0.16)

GT3710-X

External dimensions

303 (11.93)
199 (7.83)
212 (8.35)
6 (0.24)
61 (2.40)
288 (11.34)

Panel cutting dimensions

R≤2(0.08)
200 (7.87) +1 (0.04) 0 (0)
289 (11.38) +1 (0.04) 0 (0)
A
A
A
A
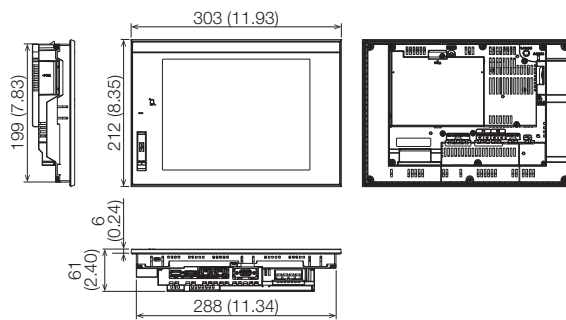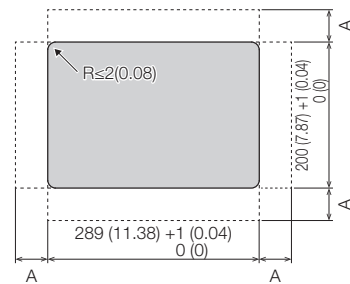
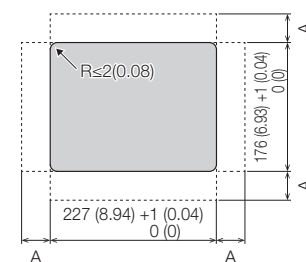A=15 (0.59) or more
Panel thickness: 1.6 to 4 (0.06 to 0.16)

GT3708-X

External dimensions

241 (9.49)
175 (6.89)
188 (7.40)
6 (0.24)
61 (2.40)
226 (8.90)

Panel cutting dimensions

R≤2(0.08)
176 (6.93) +1 (0.04) 0 (0)
227 (8.94) +1 (0.04) 0 (0)
A
A
A
A
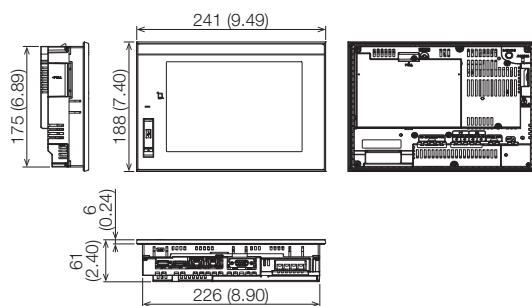
A=15 (0.59) or more
Panel thickness: 1.6 to 4 (0.06 to 0.16)

Product List

GOT Model Name

`GT37` `15` – `FH` `C` `B` `D`

Code	Screen size
15	15.6" widescreen
12	12.1" widescreen or 12.1"
10	10.4"
8	8.4"

Code	Resolution
FH	Full HD
WX	WXGA
X	XGA

Code	Touch panel
C	Projected capacitive
R	Resistive

Code	Panel color
B	Black

Code	Power supply
A	100 to 240 V AC
D	24 V DC

Code	Model category
GT37	GT37 Wide or GT37

GOT Base Units

Category	Model	Screen size resolution	Touch panel	Display color	Panel color	Power supply	Built-in I/F
GT37 Wide	GT3715-FHCBD	15.6" widescreen Full HD	Projected capacitive	16 million colors	Black	DC	Ethernet, RS-232/422/485, Digital video output, Extension I/F, TAG, USB Type-C, USB Type-A, SD
	GT3712-WXCBD	12.1" widescreen WXGA				DC	
GT37	GT3712-XRBA	12.1" XGA	Resistive			AC	
	GT3712-XRBD					DC	
	GT3710-XRBA	10.4" XGA				AC	
	GT3710-XRBD					DC	
	GT3708-XRBA	8.4" XGA				AC	
	GT3708-XRBD					DC	

Extension Units

●: Supported　—: Not supported

Product		Model	Specifications	Compatible model GT37
Extension interface conversion unit		GT37-IF2000	Unit for using GOT2000 series and GOT1000 series communication units with the GOT3000 series.	●
Communication units	Serial communication unit	GT15-RS2-9P	RS-232 serial communication unit (D-sub 9-pin plug)	●*1
		GT15-RS4-9S	RS-422/485 serial communication unit (D-sub 9-pin socket)	●*1
		GT15-RS4-TE	RS-422/485 serial communication unit (terminal block)	●*1
	CC-Link IE TSN communication unit	GT25-J71GN13-T2	Local station (device station) unit	●*1
	CC-Link IE Field Network communication unit	GT15-J71GF13-T2	Intelligent device station unit	●*1

*1 A separate extension interface conversion unit is required when using with GT37.

Software

Product	Model	Language	License type	Delivery type
HMI/GOT Screen Design Software MELSOFT GT Works3	SW1DND-GTWK3-EC	English	Site license product*1	DVD
FA Integrated Engineering Software MELSOFT iQ Works*2	SW2DND-IQWK-EC	English	Site license product*1	DVD

*1 Available for use only by individuals from the same corporation that purchased the product, its business offices (including overseas offices), public vocational training facilities, or other educational institutions, with no limitations on the number of computers or users.

*2 iQ Works is an integrated software suite that includes various engineering software for Mitsubishi Electric FA devices, centered around the system management software MELSOFT Navigator. GT Works3 is one of the software included in iQ Works.

Learn more about MELSOFT iQ Works here

License for GOT3000

●: Supported ―: Not supported

Product		Model	Number of licenses for sale	Delivery type	Compatible model
					GT37
Add-on function	GOT Mobile function license for GOT3000*1	GT30-WEBSKEYA1-1	1	License certificate	●
		GT30-WEBSKEYA1-5	5	License certificate	●
		GT30-WEBSKEYA1N-1	1	Digital distribution	●
	VNC server function license*1	GT30-VNCSKEYA1-1	1	License certificate	●
		GT30-VNCSKEYA1-5	5	License certificate	●
		GT30-VNCSKEYA1N-1	1	Digital distribution	●
	VPN connection function license*1	GT30-VPNKEYA1-1	1	License certificate	●
		GT30-VPNKEYA1-5	5	License certificate	●
		GT30-VPNKEYA1N-1	1	Digital distribution	●
	GT Works text to speech license*2	SW1DND-GTVO-M	1	License certificate	●

*1 Each GOT requires one license.

*2 Each computer requires one license to edit sound files.

License for GT SoftGOT3000

Product		Model	Number of licenses for sale	Delivery type
License for GT SoftGOT3000*1		GT3S-SGTKEYA1-1	1	License certificate
		GT3S-SGTKEYA1-10	10	License certificate
		GT3S-SGTKEYA1-20	20	License certificate
		GT3S-SGTKEYA1N-1	1	Digital distribution
Add-on function	GOT Mobile function license for GT SoftGOT3000*1	GT3S-WEBSKEYA1-1	1	License certificate
		GT3S-WEBSKEYA1-5	5	License certificate
		GT3S-WEBSKEYA1N-1	1	Digital distribution

*1 Each OS requires one license.

Mobile Applications (for GOT3000, GT SoftGOT3000)

Product	Description
Pocket GOT	Download from the App Store or Google Play™. * The app is compatible with iPhone, iPad, or Android™ devices. For information about the operating environment, please check the App Store or Google Play™.

Options

●: Supported ―: Not supported

Product	Model	Description		Compatible model
				GT37
Protective sheet	GT37-15WPSGC	For 15.6" widescreen, projected capacitive touch screen	Antiglare Type Transparent A set of 2 sheets	●
	GT37-12WPSGC	For 12.1" widescreen, projected capacitive touch screen		●
	GT37-15WPSCC	For 15.6" widescreen, projected capacitive touch screen	Clear Type Transparent A set of 2 sheets	●
	GT37-12WPSCC	For 12.1" widescreen, projected capacitive touch screen		●
Oil-resistant cover	GT20-12PCO	For 12.1"		●
	GT20-10PCO	For 10.4"		●
	GT20-08PCO	For 8.4"		●
Stand	GT15-80STAND	For 12.1" widescreen and 12.1"		●
	GT15-70STAND	For 10.4" and 8.4"		●
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	For clock data backup*1		●

*1 The clock data is used for functions such as logging. To back up the clock data, please purchase a battery.

Product List

Cables

●: Supported　—: Not supported

Product		Model	Cable length (m)	Recommended Product	Specifications	Compatible model GT37
USB Cable	Panel-mounted USB port extension	GT14-C10EXUSB-4S	1		For routing the USB interface (host) of the GOT rear face to the front side of the control panel	●
RS-485 terminal block conversion unit		FA-LTBGT2R4CBL05	0.5	*1	RS-485 terminal block conversion unit with cable between RS-422/485 (connector) and RS-485 terminal block conversion unit	●
		FA-LTBGT2R4CBL10	1			●
		FA-LTBGT2R4CBL20	2			●
RS-422-232 connector conversion cable		GT35-C02HR2-9P	0.2	*2	Connector conversion cable for connecting existing RS-232 cable [D-sub 9 pin ↔ D-sub 9 pin]	●

*1　The products are developed by Mitsubishi Electric Engineering Company Limited and sold through your local sales office.

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Related Manuals

Title	Number	Delivery type
GT Designer3 (GOT3000) Screen Design Manual	SH-082590ENG	PDF, e-Manual
GOT3000 Series User's Manual (Hardware)	SH-082591ENG	PDF, e-Manual
GOT3000 Series User's Manual (Utility & Maintenance Functions)	SH-082592ENG	PDF, e-Manual
GOT3000 Series User's Manual (Connection)	SH-082593ENG	PDF, e-Manual
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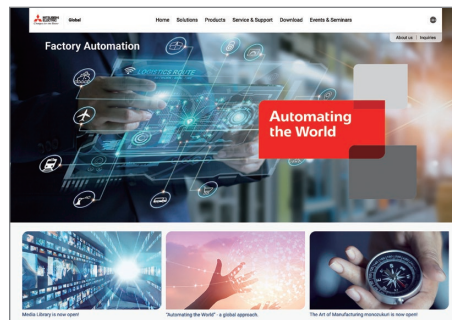
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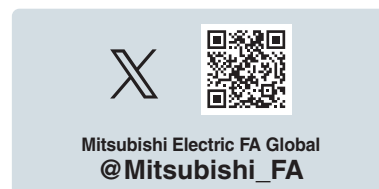# Follow us on Social Media

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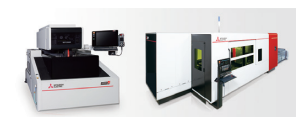
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