

Mitsubishi's new display units with wide screen 10 inch 7 inch

New line-ups for GOT SIMPLE

Simple yet Advanced Function.



10 inch WVGA 800x480 dots
GS2110-WTBD

7 inch WVGA 800x480 dots
GS2107-WTBD

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1. GOT line-up

Performance and Features

GOT1000 Series

3.7 inch 4.5 inch 4.7 inch 5.7 inch 8.4 inch 10.4 inch 12.1 inch 15 inch

GT16 Model
GT15 Model

GT14 Model
GT11 Model



GT12 Model



GT10 Model



Next Generation GOT Target: Win the largest global share and become the top brand of HMI!

GOT2000 Series

8.4 inch 10.4 inch 12.1 inch 15 inch

GT27 Model

GT23 Model



GOT SIMPLE series

7 inch wide 10 inch wide

GS21 Model



2. Concept of the product

- ◆ Line-up of 7-inch wide and 10-inch wide that are in high demand in the HMI market
- ◆ Developed and manufactured based on the high quality standards of Mitsubishi
- ◆ Excellent performance and cost effectiveness
 - 65K-color TFT, WVGA resolution, 9MB of user memory, and vertical display capability
 - Various built-in interfaces: Ethernet, SD memory card, USB device, and RS-422/232
- ◆ High connectivity with Mitsubishi FA products
 - Combination with FX3 series to reduce the total cost of small-sized machines
 - Controls up to two channels of FA devices via Ethernet (Multi-channel function)
 - Collects data from connected FA devices in optional timing and intervals (Logging function)
 - Debug FA devices from PC through GOT (FA transparent function)
 - Holds data of FA devices and reads/writes required data (Recipe function)

3. Features

Feature 1



Simple yet Advanced Function

Wide display easy to view!

New release of 7-inch wide and 10-inch wide models!

Feature 2



Simple yet Advanced Function

Rich color display!

65,536-color TFT and 800x480 WVGA!

Feature 3



Simple yet Advanced Function

High-quality basic functions!

Significantly improved basic functions!

Connectivity to various devices!

Feature 1



Simple yet Advanced Function

Wide display easy to view!

New release of 7-inch wide and 10-inch wide models!

Connectable to
Mitsubishi FA devices
only with
an USB cable!

Various communication ports!
RS-232,
RS-422,
Ethernet!



GS2107-WTBD



GS2110-WTBD

Basic
Functions

LCD TFT 65,536 colors	Resolution W800 x H480 dots	User memory 9MB internal memory	Connection port RS-232 RS-422 Ethernet	Common function Logging function	Common function Backup/ Restore function
Display size 7 inch, 10 inch	Common function FA Trans- parent function	Common function Stroke font	Common function Alarm monitor/ display	Common function Recipe function	Common function Vertical display

Coming
soon

Feature 2



Simple yet Advanced Function

Rich color display!

65,536-color TFT and 800x480 WVGA!



LED Backlight
-Free of maintenance

65,536-color TFT
-Standard color TFT and WVGA

IP65F
-Waterproof protection on the front side

Analog Touch Panel
-Place any parts as you intend

USB Connection
-USB connection on the back

Feature 2

Simple yet Advanced Function

Rich color display!

3-1. Rich color display – Front display

Increased number of colors for more beautiful display!

- Provides rich display with 65,536 colors.
- Significantly increased visibility!

Employs analog touch panel

- Freely layout any part at the smallest size of 2x2 dots.
- Easy-to-view display without grids.

IP65F
resistance to environment

- IP65F-equivalent protection structure on the front side.



Employs white LED backlight

- Bright white backlight.
- Free of maintenance.
- Energy-saving and eco-friendly.



Feature 2

Simple yet Advanced Function

Rich color display!

3-2. Rich color display – Software

Design screens with the latest software

Various parts available
supported by GT Works3
Ver. 1.105K or later

(See the manual included in the purchased
product to activate GS installer in order to use
GOT simple series)

GOT Screen Design Software **MELSOFT GT Works3⁺plus**



Feature 3

Simple yet Advanced Function

High-quality basic functions!
Significantly improved basic functions!
Connectivity to various devices!

Connectable to various FA devices:

Examples of
Connections for
Peripheral Devices

AC servo

MITSUBISHI SERVO AMPLIFIERS & MOTORS
MELSERVO



To be supported soon

Inverter

FREQROL

L700



Temperature controller

To be supported soon



Bar-code reader



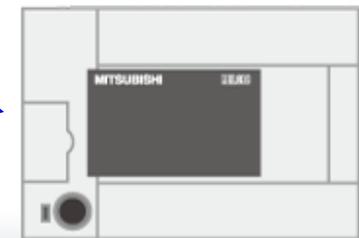
SD card



PC



MELSEC PLC



Feature 3

Simple yet Advanced Function

Advanced Function!

3-3. Advanced function

– Connectivity to various devices!

Power supply terminal
24V DC input

SD card slot
Stores large volume of data

USB device
Fast and easy data
input/output

Ethernet port
For connection with
various devices

**RS-232,
RS-422 communication ports**
Two communication ports equipped to connect
with various devices



Feature 3

Simple yet Advanced Function

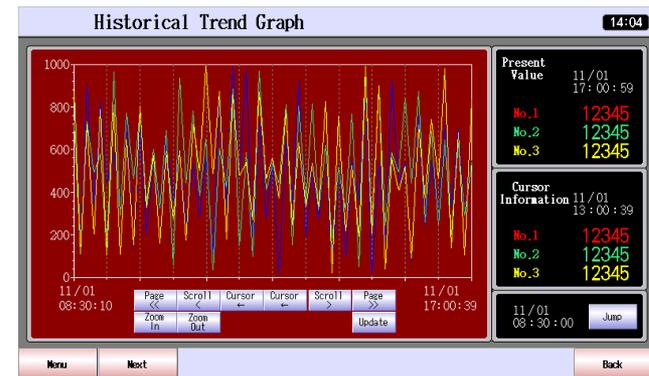
Advanced Function!

3-4. Advanced function – Various built-in interfaces (1)



SD card slot

For a variety of GS21 functions such as logging or starting-up from a SD card. SDHC compliant.



Feature 3

Simple yet Advanced Function

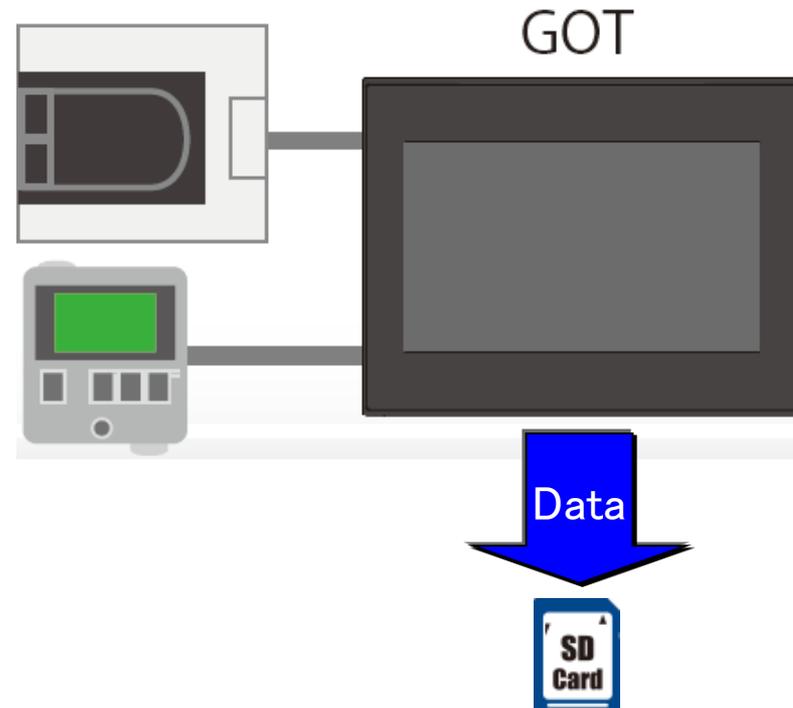
Advanced Function!

3-4. Advanced function – Various built-in interfaces (2)

Collect data from multiple devices into GS21 model!

Logging function

Centrally manage data of the FA devices connected to GOT and collect data in a given timing/cycle for analysis or feedback.



*SD card needs to be purchased separately from GOT.

Feature 3

Simple yet Advanced Function

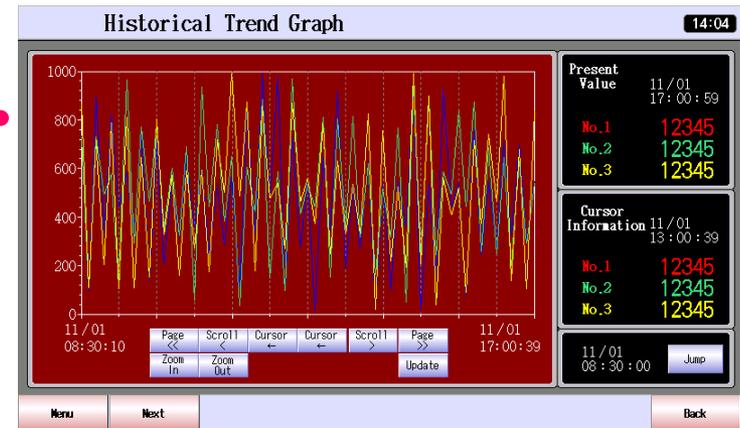
Advanced Function!

3-4. Advanced function – Various built-in interfaces (3)

Collect data from multiple devices into GS21 model!

Historical trend graph display

- View data collected by the logging function in a graph.
- Check data easily by scrolling or specifying time.



*SD card needs to be purchased separately from GOT.

Feature 3

Simple yet Advanced Function

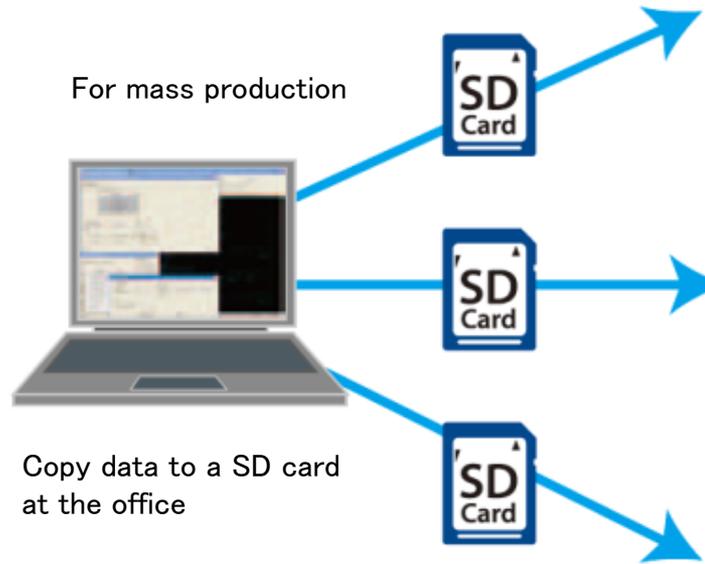
Advanced Function!

3-4. Advanced function – Various built-in interfaces (4)

Useful for mass production of machines or maintenance of GOT!

Start-up from memory card

Transfer basic system application, communication drivers, and screen data into a memory card in advance to have the GOT ready-to-use just by mounting the memory card and starting up the GOT.



Easily start-up at worksite without having technical knowledge



*SD card needs to be purchased separately from GOT.

Feature 3

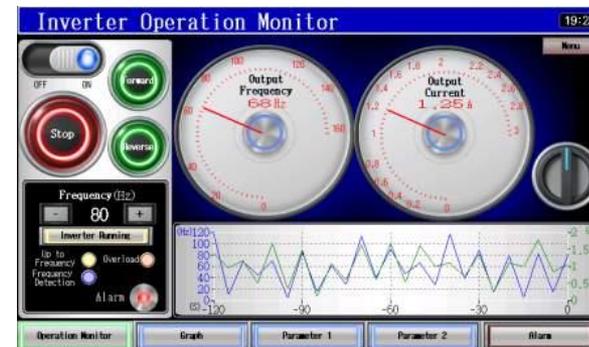
Simple yet Advanced Function

Advanced Function!

3-4. Advanced function – Various built-in interfaces (5)

Equipped with a USB device port!

- Allows you to perform GOT maintenance or data transfer by connecting to a PC.
- FA transparent function allows you to connect to Mitsubishi FA devices linked to the GOT.
Greatly increase the maintenance performance of the devices like PLC, inverter, or servo!



Feature 3

Simple yet Advanced Function

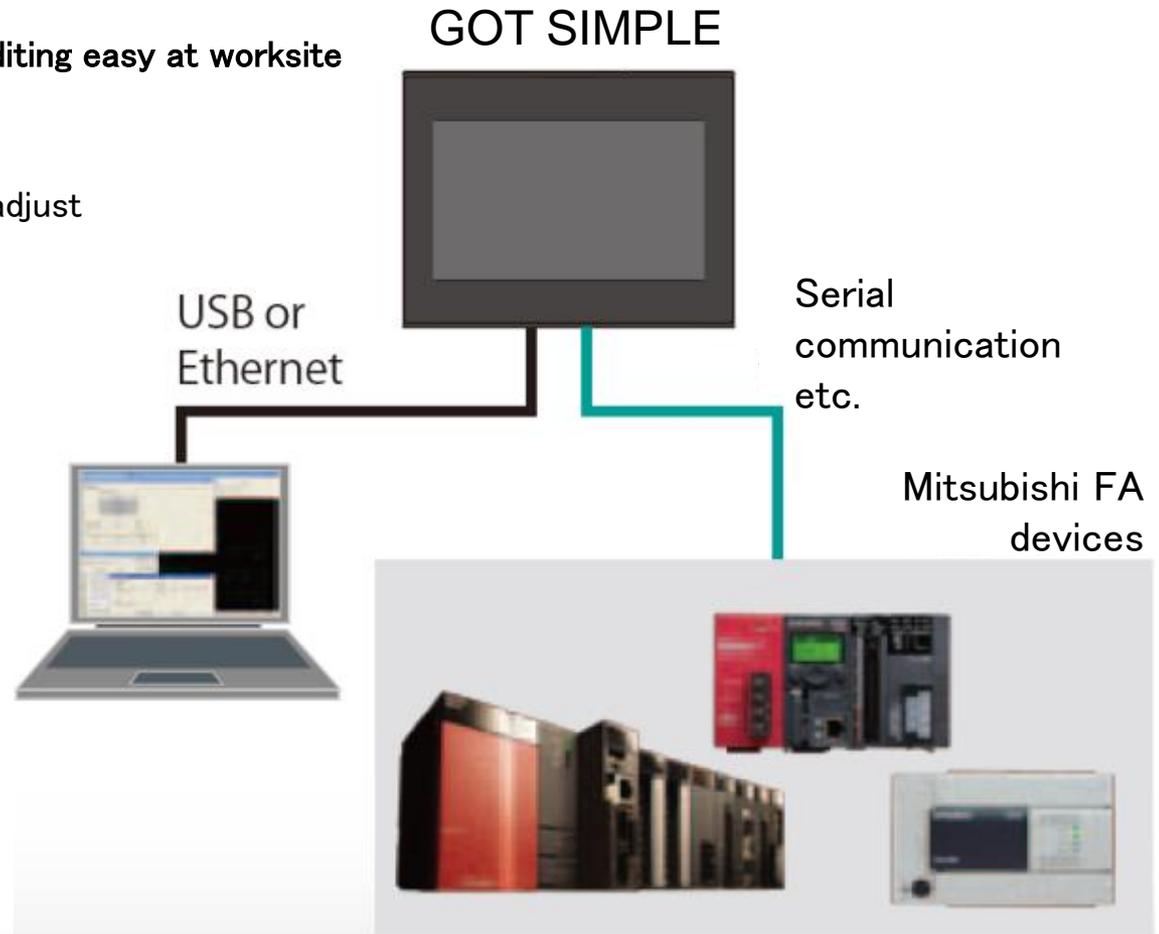
Advanced Function!

3-4. Advanced function – Various built-in interfaces (6)

Making the sequence or parameter editing easy at worksite

FA transparent function

Allows you to program, start up, and adjust
Mitsubishi FA devices via GOT.
No need to switch the cable.



Feature 3

Simple yet Advanced Function

Advanced Function!

3-4. Advanced function – Various built-in interfaces (7)

Serial RS-232,

Serial RS-422

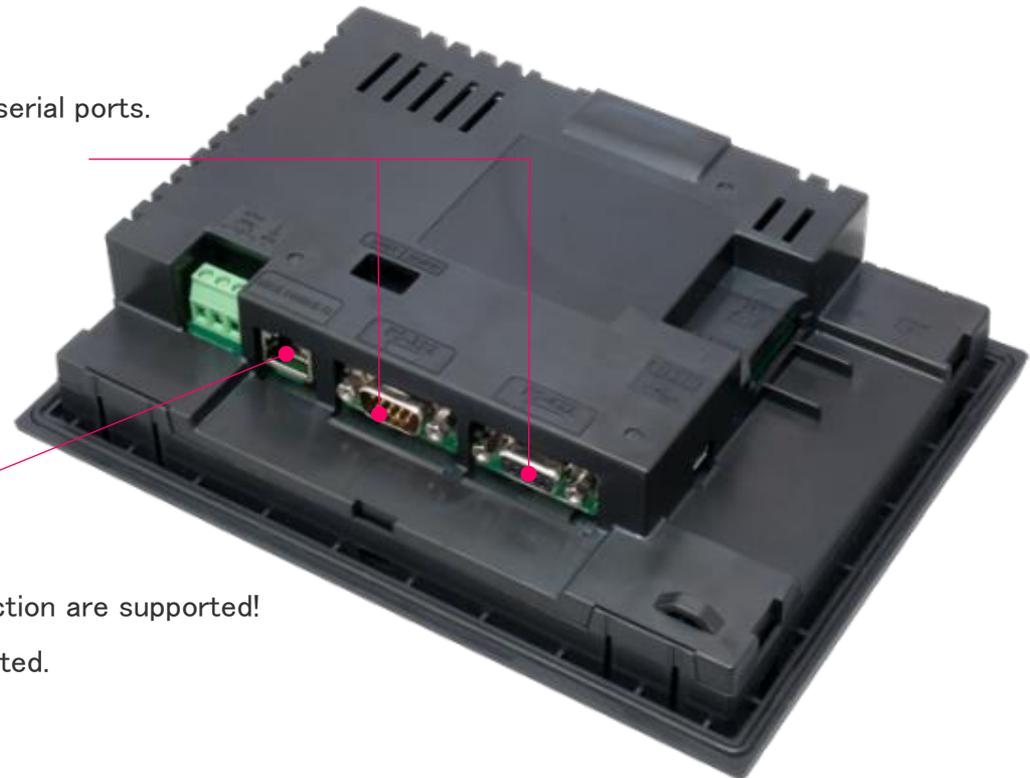
Easily connect to devices with the two types of serial ports.

Transition from the existing model is also easy.

Ethernet

Various functions including the multi-channel function are supported!

100BASE-TX and 10BASE-T connections supported.



Feature 3

Simple yet Advanced Function

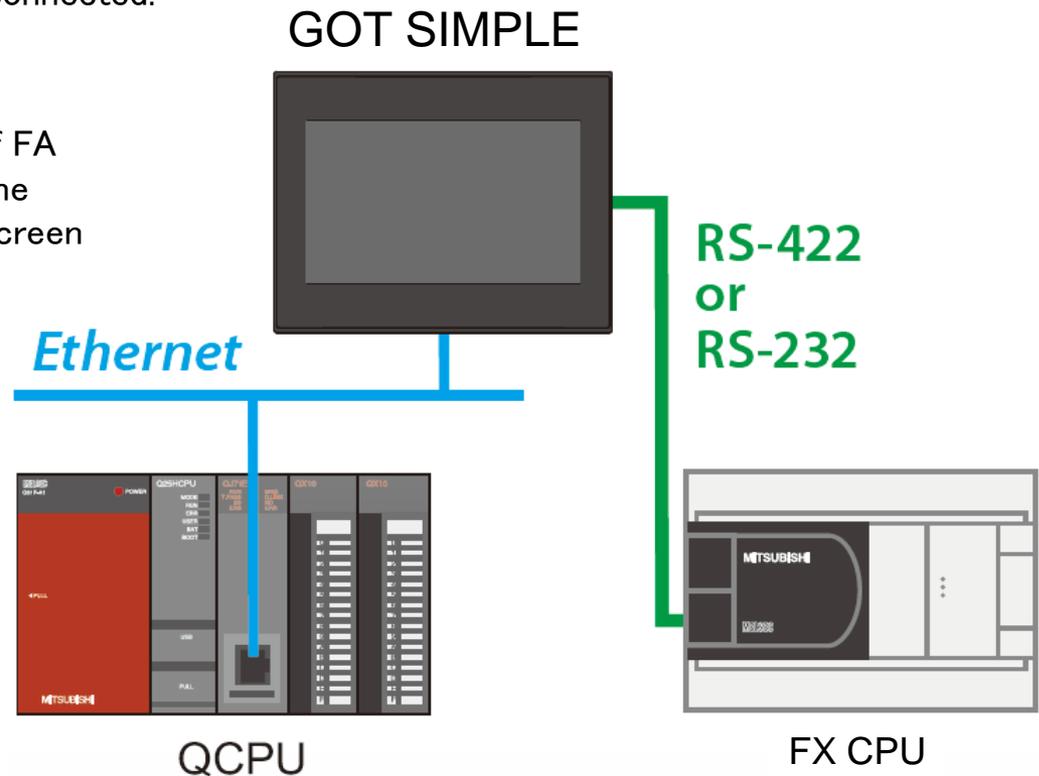
Advanced Function!

3-4. Advanced function – Various built-in interfaces (8)

GOT allows you to control the FA devices connected!

Multi-channel function

One GOT can control up to two channels of FA devices. Data can be transferred between the connected devices just by configuring the screen design software GT Works3.



3-5. Various built-in functions (1)

Compact design to fit in a slim unit!

Vertical display function

Using the GOTsimple vertically allows you to install it on a slim unit and display vertical writing characters flawlessly.

Reliable security through password management

Operator authentication function

Operation and display level (authority) can be set for each operator.

Authenticating the operator on the GOT will strengthen security and prevent operation errors from reoccurring.



4. Function list

Main functions

Common	Object	
<ul style="list-style-type: none"> - Screen (Base: Up to 1024 colors/key window) - Font (Standard [6x8-dot: Gothic, 16-dot: Gothic, Mincho] /High Definition/TrueType/Windows/Logo text function) - Parts superposition - Screen switching - Station No. switching - Language switching - Password - System information - Peripheral device settings 	<ul style="list-style-type: none"> - Lamp display - Touch switch - Numerical input/display - Text display/input - Date & Time display - Comment display - Alarm display - Simple alarm display - Parts display - Parts movement - Project script function - Screen script function 	<ul style="list-style-type: none"> - Hard copy function - Panelmeter display - Level display - Historical trend graph - Line graph - Bar graph - Statistics graph - Scatter graph - Trigger action function - Recipe function - Time action function
Object drawing		
<p>Straight line, polyline, rectangle, polygon, chamfer square, circle, ellipse, arc, elliptic arc, circular sector, elliptic sector, scale display, paint, images (BMP/DXF/JPG/IGES)</p>		

5. Difference between GOT1000/2000 series

Warranty conditions

No.	Item	GOT SIMPLE series	GOT1000/2000 series
1	Gratis warranty term	1 Year	3 Years
2	Repair/inspection service	No	Yes
3	Compatible standards	CE: Compliant UL: To be compliant by March 2014	Compliant with CE/UL/KC standards

Mitsubishi's new display units
with wide screen 10 inch 7 inch

GOT SIMPLE

GOT SIMPLE
Graphic Operation Terminal

Simple yet advanced function. Easy to use and highly reliable to provide excellent serviceability.

