

GRAPHIC OPERATION TERMINAL

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**GOT1000**

More than plain Visualization

# GT14



**GT1450-QLBDE**

16 gray scales STN display



**GT1455-QTBDE**

65,536 colors TFT display

Screen size 5.7 inch	Resolution 320W x 240H dots	Memory 9MB built-in flash memory	Com. ports RS-422/485, RS-232 Ethernet	Function Backup/restore function	Function Logging function
Function Multi-channel function	Function FA transparent function	Function USB ports host and device	Function Advanced alarm monitoring/display	Function Advanced recipe function	Function SD card support



MITSUBISHI GOT1000

5.7 inch Actual Size

**USB port (device)**  
Flat front face cover

**IP67f**  
Front face protection against water, dust, and oil

**Vivid color**  
TFT 65,536 colors  
STN 16 gray scales

**LED backlight**  
Maintenance-free

**Analog touch panel**  
Place screen objects anywhere

## Mitsubishi Graphic Operation Terminal - 5.7 inch Lineup

Functionality

**GT10**

5.7 inch / QVGA



16 shades of blue 256 colors STN

**GT14**

5.7 inch / QVGA



16 gray scales monochrome 65,536 colors TFT

**GT16**

5.7 inch / VGA

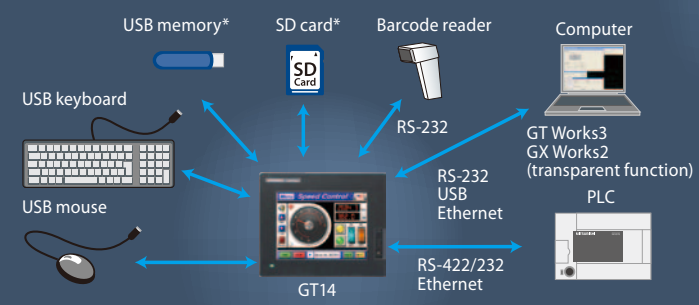


65,536 colors TFT

Resolution/Color

### Peripheral connections

Connect to all different kinds of FA equipment

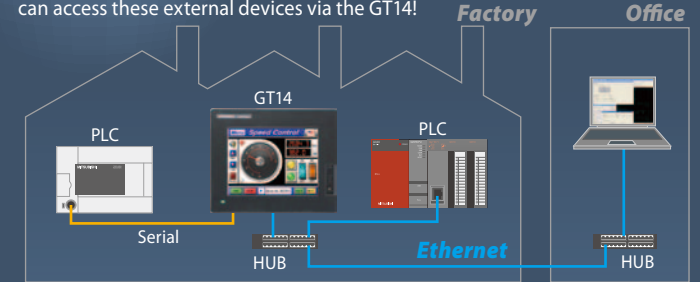


\*: Can store base OS, project data, alarm history, recipe, logging, backup data

### More control

Multi-channel - Utilize two communication channels

Two channels allow for control of multiple external devices connected via Ethernet or serial communication. With the FA transparent function, even a PC can access these external devices via the GT14!



**USB port (host)**  
Simple and easy

**RS-422/485 port**  
**RS-232 port**  
Easily connect to serial communication devices

**SDHC support**  
**SD card slot**

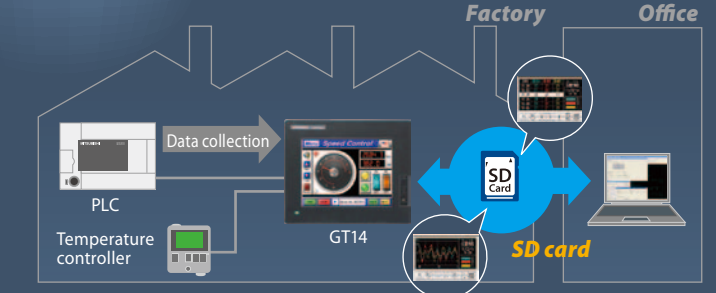
**Ethernet port** Network power

## External memory increases the possibilities!

### SD card

Logging - Collect data from connected devices

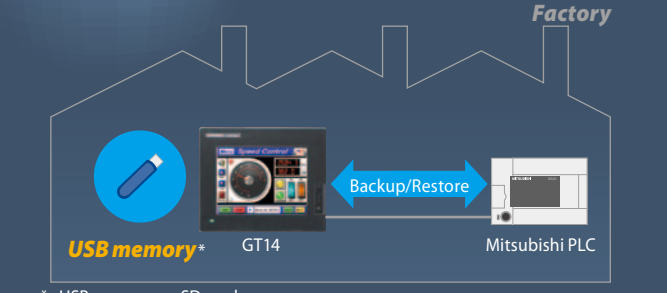
Collect data from connected FA devices, including useful data analysis and feedback, and take the data back to the office.



### USB memory

Backup/restore - For ease of use and peace of mind

Back up PLC program and parameters to external memory\* via GT14. Restore the backup for immediate recovery.



\*: USB memory or SD card



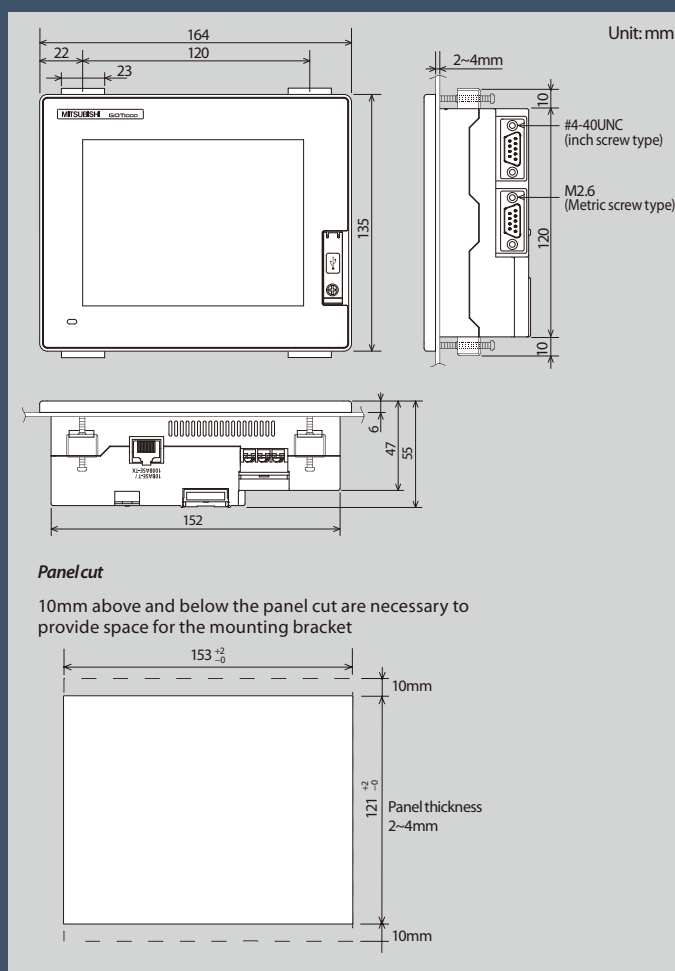
## Performance specification

Item		Specifications	
		GT1455-QTBDE	GT1450-QLBDE
Power	Input supply	24VDC (+10%, -15%)	
	Consumption	Less than 8.40W	
Display	Type	TFT LCD	Monochrome LCD
	Size	W115(4.53) x H86 (3.39) [mm] (inch)	
	Touch panel	Analog resistive film	
	Backlight	70,000h or longer	
Memory		9Mbytes built-in flash memory	
Built-in interface	RS-422/485	D-Sub 9pin (Female)	
	RS-232	D-Sub 9pin (Male)	
	Ethernet	100BASE-TX, 10BASE-T	
	USB	TYPE-A USB (Full Speed 12Mbps), host Mini-B USB (Full Speed 12Mbps), device	
	SD card	Supports: SDHC memory card, SD memory card	
Environment	Operating temperature	0 – 50°C	
	Storage temperature	-20 – 60°C	
	Ratings	IP67f (front panel only)	
External dimensions		W164(6.46) x H135(5.32) x D55(2.17)[mm](inch)	
Weight		0.7kg	
Programming		GT Designer3 version 1.37P or later	

One screen design  
program to fit  
all your GOT1000 needs



## External Dimensions



## Connection Options

Panel-mounted USB port extension

**GT14-C10EXUSB-4S**

Bring the host USB port to the front



RS-232/485 conversion adaptor

**GT14-RS2T4-9P**

Convert the RS-232 port to RS-485



Mitsubishi Electric Corporation Himeji Works is a factory certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems)



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