Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Panasonic

GT32M/T now with improved performance!

TFT LCD

Energy saving

High brightness

IP67

5.7 inch, 4,096 colors TFT color LCD equipped with long life LED backlight `GT32T-R`

Great visibility even in bright environments is possible thanks to use of a TFT LCD with contrast ratio of 500 : 1.

5.7 inch, 16-gray scale TFT monochrome LCD equipped with long life LED backlight `GT32M-R`

Through use of a TFT LCD with contrast ratio of 400 : 1, the "deep black" on a bright display means incredible visibility even in bright environments.

Slim frame and body

Designed for easy installation with slim frame and body compared to LCD.

Built-in SD / SDHC memory card slot *1

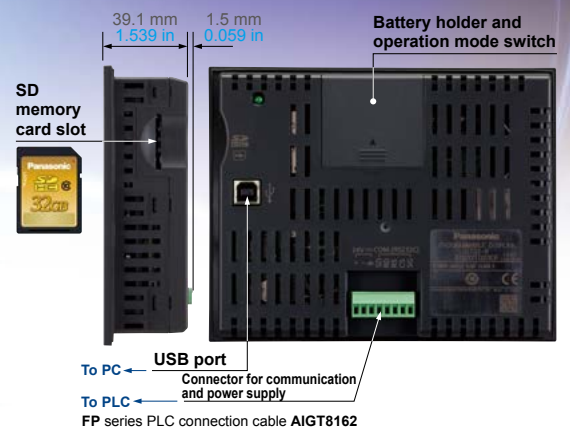Easy to copy, back up, and restore screen data. Data logging possible.

*1: Class 10 compatible with a card of up to 32 GB.

Integrated USB Interface

You can connect your PC and **GT32-R** using your USB cable to transfer screen data. When used with our **FP** series PLC, this display supports the pass through function, which allows simultaneous debugging of the PLC and the display.

Transformer-isolated power supply

The isolated power supply enhances the reliability.

| 39.1 mm | 1.5 mm |
| 1.539 in | 0.059 in |

Battery holder and operation mode switch

SD memory card slot

To PC ◄
USB port
Connector for communication and power supply
To PLC ◄

FP series PLC connection cable **AIGT8162**

5.7 inch	TFT monochrome (black/white)	TFT 4,096 colors	White LED	32 chars. × 24 lines (10-dot font)	320 × 240 dots	USB	SD HC	Portrait	IP67	24 V DC

•GT32M-R   •GT32T-R

SPECIFICATIONS

Item	Product name Part No.	GT32M-R				GT32T-R			
		AIG32MQ02DR	AIG32MQ04DR	AIG32MQ03DR	AIG32MQ05DR	AIG32TQ02DR	AIG32TQ04DR	AIG32TQ03DR	AIG32TQ05DR
Color of front panel		Pure black		Hairline silver		Pure black		Hairline silver	
Communication port		RS232C	RS422 / RS485	RS232C	RS422 / RS485	RS232C	RS422 / RS485	RS232C	RS422 / RS485
Appearance		NEW		NEW		NEW		NEW	
Power supply		24 V DC							
Operating voltage range		21.6 to 26.4 V DC							
Power consumption		4.8 W or less				7.2 W or less			
Ambient temperature		0 to +50 °C +32 to +122 °F							
Ambient humidity		20 to 85 % RH (at +25 °C +77 °F), No condensation							
Protective construction		IP67 (in the initial stages), Dust-proof and drip-proof from the front of the panel only (Rubber packing is attached to the panel contact surface.) (Note 1)							
Net weight		470 g approx.							
Display	Display device	TFT monochrome LCD				TFT color LCD			
	Resolution	320 (W) × 240 (H) dots							
	Display color	2 colors (black / white, 16-gray scale)				4,096 colors			
	Displayable area	115.2 (W) × 86.4 (H) mm 4.535 (W) × 3.402 (H) in							
	Backlight	White LED							
	Number of screens (Note 2)	180 screens approx.							
SD memory card slot		Available							
Memory backup		Lithium battery (replaceable) **AFPX-BATT** (Does not include with product.)							
Tool port		USB TYPE-B							

Notes: 1) This protective structure condition applies to the front surface of the installed panel. This condition does not guarantee usage in all environments provided by users. When reattaching the panel, replace the waterproof packing.
2) The number of screens that can be registered varies according to the registered contents.
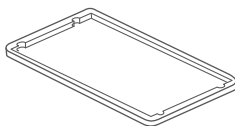
OPTIONS
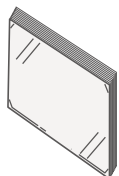
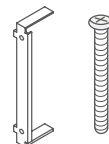■**Panel face protection sheets**
10 sheets in a set (option)

For **GT32(-R)**
Part No.: **AIG32800**

■**Waterproof packing**
Waterproof packing (for replacement), 10 pieces in a set
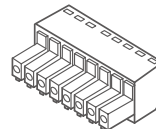Package includes one piece.

For **GT32-R/E**
Part No.: **AIG32810E**

■**Mounting parts**
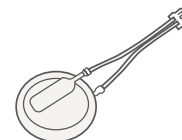5 sets of mounting parts (2 parts/set)
Package includes one set.

For **GT32-R/E**
Part No.: **AIG32830**

■**Spare connector**
5 connectors for communication and power supply in a set
Package includes one set.

Part No.: **AIGT084**

■**Backup battery**

Part No.: **AFPX-BATT**

DIMENSIONS (Unit: mm in)

GT32M-R   GT32T-R

39.1 1.539
4.0 0.157
SD memory card slot
128.8 5.071
116.2 4.575 (Display)
87.4 3.441 (Display)
163.2 6.425

Battery holder and operation mode switch
150.2 5.913
118.8 4.677
Connector for communication and power supply
USB port

Panel cutout dimensions
150.5 +0.039/0 5.925 +0.039/0
119 +1/0 4.685 +0.039/0
Applicable panel thickness: 1.0 mm to 5.0 mm
0.039 in to 0.197 in