

New Models Added to the GT Tough Series

GT03-E Compact Models Debut



3.5 inch GT03-E (Actual size)



5.7 inch GT32-E (Actual size)

The LCD picture is simulated images.

-20 to +60°C
-4 to +140°F

The wide operating temperature range allows for use in various environments.
(-20 to +55 °C -4 to +131 °F when horizontally installed or vertically installed in a portrait orientation)

UV Reduction

Resistant to UV Rays!
The two-layer front protection sheet deduces UV rays in two-stage.

IP67

High waterproof performance allows for use in environments exposed to splashing water.
The front panel has a protective structure rated IP67.

Low power consumption

Color type (GT03T-E): 3.1 W or less
Monochrome type (GT03M-E): 1.9 W or less

Improved visibility

High visibility display even in bright environments!
High in brightness and contrast and anti-glare coating provides exceptional viewing characteristics.

High-definition

Same resolution [320 (W) × 240 (H) dot] as the 5.7 inch model (GT32-E)
Screen data of GT32-E can be used on the smaller display.

Industry's smallest

The industry's smallest class* body among 3.5 inch screen
*Based on research conducted by our company as of February, 2013

APPLICATIONS



Charging station for Electric Vehicle (EV)



Car washing machine



Coin-operated parking



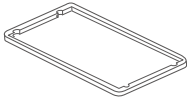
Food filling machine

GT TOUGH SERIES LINEUP

Item	Product name		GT03M-E		GT03T-E		GT32M-E		GT32T-E	
	RS232C	RS422 / RS485	RS232C	RS422 / RS485	RS232C	RS422 / RS485	RS232C	RS422 / RS485	RS232C	RS422 / RS485
Part No.	AIG03MQ03DE	AIG03MQ05DE	AIG03TQ13DE	AIG03TQ15DE	AIG32MQ03DE	AIG32MQ05DE	AIG32TQ03DE	AIG32TQ05DE		
Appearance										
Rated voltage	24V DC									
Power consumption	1.9 W or less		3.1 W or less		4.8 W or less		7.2 W or less			
Ambient temperature	-20 to +60 °C -4 to +140 °F (-20 to +55 °C -4 to +131 °F when horizontally installed or vertically installed in a portrait orientation)									
Ambient humidity	10 to 90 %RH (at 25 °C 77 °F), No condensation									
Protective structure	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)									
Weight	170 g approx.					470 g approx.				
Dimensions (mm in)	98 (W) × 86 (H) × 28 (D) 3.858 (W) × 3.386 (H) × 1.102 (D)		98 (W) × 86 (H) × 30 (D) 3.858 (W) × 3.386 (H) × 1.181 (D)		163.2 (W) × 128.8 (H) × 39.1 (D) 6.425 (W) × 5.071 (H) × 1.539 (D)					
Display	Display device	TFT monochrome LCD		TFT color LCD		TFT monochrome LCD		TFT color LCD		
	Resolution	320 (W) × 240 (H) dots								
	Display color	2 colors (black / white, 16-gray scale)		4,096 colors		2 colors (black / white, 16-gray scale)		4,096 colors		
	Displayable area	70.6 (W) × 52.9 (H) mm		7.280 (W) × 2.083 (H) in		115.2 (W) × 86.4 (H) mm		4.535 (W) × 3.402 (H) in		
	Backlight	White LED								
Number of screens (Note 2)	230 screens approx.		180 screens approx.		180 screens approx.					
Clock function	Refer to and display a PLC clock.		Provided with a built-in clock. (Can also refer to and display a PLC clock.) *Buy a battery (AFPX-BATT).							
SD memory slot	None		Installed		Installed					
Memory backup	None		Lithium battery (replaceable) AFPX-BATT *Does not include with product.							
Tool port	USB Mini B					USB TYPE-B				

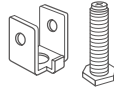
Notes: 1) This protective structure condition applies to the front surface of the installed panel. This condition does not guarantee usage in all environments provided by users. When reattaching the panel, replace the waterproof packing.
2) The number of screens that can be registered varies according to the registered contents.

OPTIONS



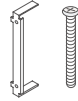
■ **Waterproof packing**
Waterproof packing (for replacement), 10 pieces in a set
Package includes one piece.

Part No. for GT03-E: AIG03810E
Part No. for GT32-E: AIG32810E



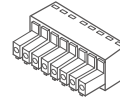
■ **Mounting parts**
5 sets of mounting parts (4 parts / set)
Package includes one set.

Part No. for GT03-E: AIG12830



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

Part No. for GT32-E: AIG32830



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

Part No.: AIGT084

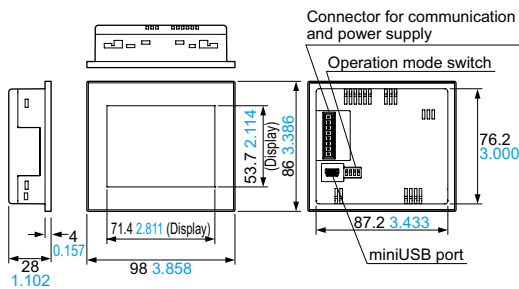


■ **Backup battery**
For GT03T-E and GT32-E

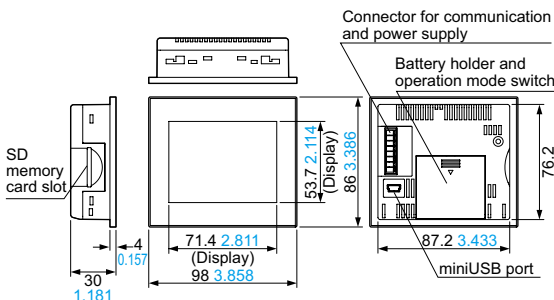
Part No.: AFPX-BATT

DIMENSIONS (Unit: mm in)

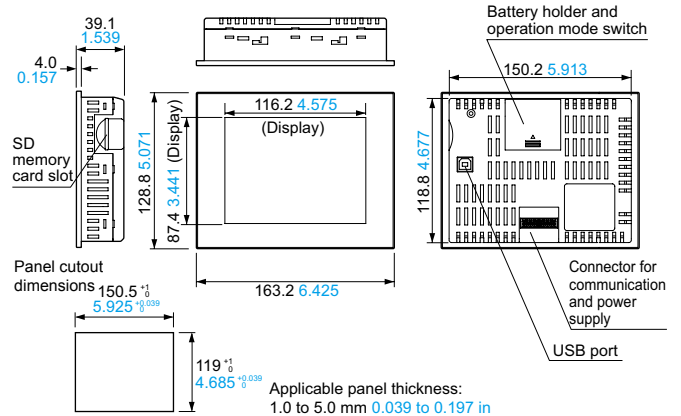
GT03M-E



GT03T-E



GT32-E



GT03-E Common

