



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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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



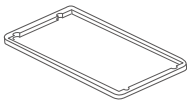
Food filling machine

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 | TFT monochrome LCD | | TFT color LCD | | TFT monochrome LCD | | TFT color LCD | | | |
| | 320 (W) × 240 (H) dots | | | | | | | | | |
| | 2 colors (black / white, 16-gray scale) | | 4,096 colors | | 2 colors (black / white, 16-gray scale) | | 4,096 colors | | | |
| | 70.6 (W) × 52.9 (H) mm | | 2.780 (W) × 2.083 (H) in | | 115.2 (W) × 86.4 (H) mm | | 4.535 (W) × 3.402 (H) in | | | |
| | 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.

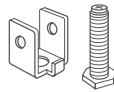
OPTIONS



Waterproof packing

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

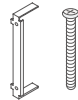
Part No. for GT03-E: AIG03810E
Part No. for GT32-E: AIG32810E



Mounting parts

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

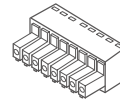
Part No. for GT03-E: AIG12830



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



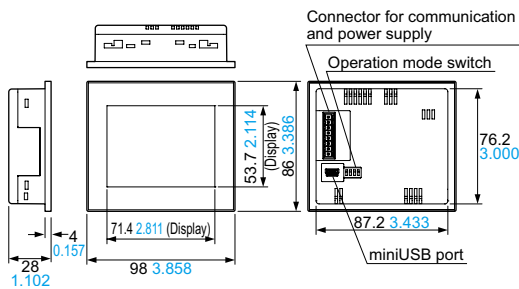
Backup battery

For GT03T-E and GT32-E

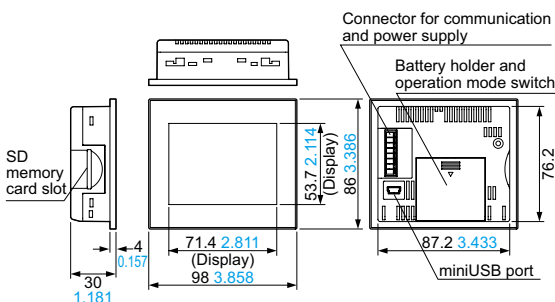
Part No.: AFPX-BATT

DIMENSIONS (Unit: mm in)

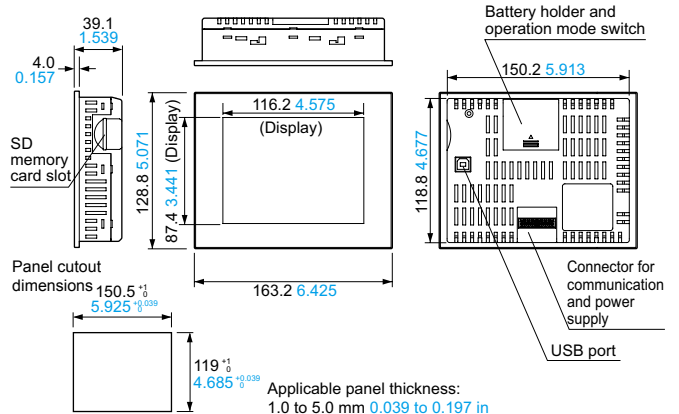
GT03M-E



GT03T-E



GT32-E



GT03-E Common

