

## Performance specifications

Item		Specifications	
		GT2103-PMBD	GT2103-PMBDS
Display section *1 *2	Display device	TFT monochrome LCD	
	Screen size	3.8"	
	Resolution	320x128 dots	
	Display size	89.0(3.51)(W)x35.6(1.41)(H) mm(inch)	
	Number of characters	16-dot standard font: 20 chars. x 8 lines (2-byte) 12-dot standard font: 26 chars. x 10 lines (2-byte)	
	Display color	Monochrome (black/white) 32 shade grayscale	
	Intensity adjustment	32-level adjustment	
	Backlight	5-color LED (white/green/pink/orange/red) (not replaceable)	
	Backlight life *4	Approx. 50000 hours (Time for display intensity reaches 50% at ambient temperature of 25°C)	
Touch panel *3	Type	Analog resistive film	
	Key size	Minimum 2 x 2 dots (per key)	
	Simultaneous press	Simultaneous press prohibited *5 (only 1 point can be pressed)	
	Life	1 million times or more (operating force 0.98N or less)	
User memory	User memory capacity	Memory for storage (ROM): 3MB	
	Life (No. of writings)	100000 times	
Built-in interface	RS-232	-	1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: MINI-DIN 6-pin (female)
	RS-422/485	1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: connector terminal block 5-pin	1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: connector terminal block 9-pin
	Ethernet	1ch Data transfer method: 10BASE-T/100BASE-TX Connector shape: RJ-45 (modular jack)	-
	USB (device)	1ch Maximum transfer speed: Full-Speed 12Mbps Connector shape: USB Mini-B	
	SD card *6	1ch SDHC compliant (maximum 32GB)	
Buzzer output	Single tone (tone length adjustable)		
Protective structure	Front: IP67F *7 In control panel: IP2X		
External dimensions	113(4.45)(W)x74(2.92)(H)x32(1.26)(D) mm(inch)	113(4.45)(W)x74(2.92)(H)x27(1.07)(D) mm(inch) *8	
Panel cutting dimensions	105(4.14)(W)x66(2.60)(H) mm(inch)		
Weight (excl. mounting brackets)	0.2kg		
Compatible software package	GT Designer3 Version1.122C or later		