

# PT2043-31ST

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Display *Emotion*

## Product specification

Hardware Parameter	Display	4.3"16:9 TFT LCD display
	Resolution (WxH)	480x272
	Colors	65K
	Brightness	400 cd/m <sup>2</sup>
	Backlight	LED
	LCD Life	20000 hours
	Touch Panel	4-line industrial resistive touch screen
	CPU	RISC ARM9 32bit 300MHz
	BB Memory	128KB
	Working Memory	64MB
	Application Memory	About 40MB
	Data File Memory	64MB
	RTC	Built in (Unchargeable Battery type,5 years battery life)
	SD Card	None
	Ethernet	1-line 10M/100M suitable
	USB Port	1 USB Slave 2.0 port, 1 USB Host 2.0 port
	Download Project	USB Slave/U-disc /Ethernet
	COM Port	COM1 : RS232 COM2 : RS422/485 COM3 : RS485 COM4 : RS485

## Product specification

Electrical Specifications	Input Power	24Vdc, $\pm 10\%$
	Power Consumption	10W
Environmental Specifications	Operating Temperature	-10~60°C
	Operating Humidity	10~90%RH (Non-condensate)
	Shock	Half sine, 20G, 11ms duration
	Vibration Endurance	random vibration 1 Grms (5 ~ 500 Hz)
	EMI	FCC Part 15 Class A
	CE	EN61000-6-2, EN61000-6-4
	UL	UL61010
	IP	IP66 (NEMA 4)
	Cooling Method	Natural Cooling
Mechanical Index	Dimension	129.0 x 103.0 x 33.0 mm
	Panel Cutout	118.5 x 92.5 mm
	Weight	230g