



P2043SA-D

HMI with 4.3" TFT LCD display

- ✧ Cortex 600 MHz Processor
- ✧ Built-in PLC Expansion function
- ✧ Wide Power Input Range
- ✧ PCB coating for Stability in Harsh Environment
- ✧ Fan-less Design for Cooling Method
- ✧ High Noise Immunity Design for Industrial Application

Display	Panel Size	4.3" TFT (16:9)	I/O Port	Serial 1 (DB-9)	RS-232 (2W) RS-422/485 (4W)
	Panel Resolution	480 x 272		Serial 2 (Terminal Blocks)	—
	Brightness	500 (cd/m²)		RS-422/485 Isolation	—
	Contrast Ratio	500		Ethernet	—
	Backlight Type	LED		USB HOST	USB2.0 x 1
	Backlight Life Time	25,000 Hrs.		USB Device	USB2.0 x 1(Mini-USB)
	Colors	16.7M		Micro-SD Slot	—
	LCD Viewing Angle	50/70/70/70 (T/B/L/R)		Audio Output	—
Touch	Type	4-wire Resistive Type		Video Input	—
	Accuracy	X axis±2%; Y axis±2%		Termination Switch	—
Memory	Flash	128MB	I/O Extension	PLC Extension	Yes
	RAM	128MB		HMI Extension	Yes
System	CPU	32 bit RISC Cortex 600MHz	Power	Wireless Extension	—
	RTC	Yes		Power Input Range	14 ~ 32VDC
Dimension/ Weight	Dimensions W x H x D	128.0 x 102.0 x 36.4 (mm)		Power Isolation	Yes
	Cut-out	118.5 x 92.5 (mm)		Isolation Resistance	Exceed 50MΩ at 500VDC
	Weight	215 (g)	Power Consumption	9.6W (@24VDC)	
Environment	Protection Structure	Front panel : IP65 / Rear Case : IP20			
	PCB Coating	Yes			
	Operating Temp	0~50℃			
	Storage Temp	-20 ~ 60℃			
	Relative Humidity	10%~90% (40℃ Non-condensing)			
	Withstand Voltage	500VAC/20mA/1 Min. (between charger & FG terminals)			
	Vibration Endurance	5 to 9Hz Half-amplitude: 3.5mm ; 9 to 150 Hz Constant acceleration: 19.6m/s2 (2G) ; 3 directions of X, Y, Z: 10times (IEC61131-2 complaints)			
Software	FvDesigner V1.5.64 or later versions				
Certification	CE				

◆ Dimensions Drawing

