



## 12.1" Industrial HMI



- 1024 x 768 Pixel High-Resolution TFT
- Aluminum Enclosure
- Ethernet
- 2 Serial Ports

<b>System</b>	CPU	32-bit RISC Cortex-A8, 1 GHz
	Memory (RAM)	256 MB
	Memory (Flash)	256 MB
	RTC	Built-in
<b>I/O Ports</b>	Serial	1 x DE9P COM1: RS-232 1 x DE9S COM1: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	Ethernet	1 x 10/100 Base-T
	CANbus	N/A
	USB Host	1 x USB 2.0
	USB Client	1 x USB 2.0
	Audio	N/A
	Video	N/A
	Wi-Fi	N/A
	HDMI	N/A
	SD Card Slot	SD/SDHC
<b>Display</b>	Display Type	12.1" TFT LCD
	Size (W x H)	9.76 x 7.34 inches [248 x 187 mm]
	Resolution (pixels)	1024 x 768
	Luminance (cd/m <sup>2</sup> )	500
	Contrast Ratio	700:1
	Max. Colors	16.2 M
	Backlight Lifetime (hours)	50,000+
<b>Touch Screen</b>	Type	4-wire resistive touch
	Active Area Accuracy	Length (X) ± 2%, width (Y) ± 2%
<b>Electrical</b>	Input Voltage	24 ± 20% VDC
	Input Current	800 mA @ 24 VDC
	Power Isolation	Built-in
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
<b>Mechanical</b>	Enclosure	Aluminum, charcoal grey
	PCB Coating	Yes
	Dimensions (W x H x D)	12.48 x 9.61 x 1.81 inches [317 x 244 x 46 mm]
	Weight	4.6 lbs. [2.1 kg]
<b>Environmental</b>	Mounting	Panel or VESA 75 x 75 mm mounting
	Operating Temperature	32° ~ 122° F (0° ~ 50° C)
	Storage Temperature	-4° ~ 140° F (-20° ~ 60° C)
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25 Hz (X, Y, Z direction, 2 G, 30 minutes)
	Ratings	IP66 compliant front panel, NEMA 4X indoor use only
<b>Software</b>	Certifications	cULus, CE, RoHS
	Software	EZwarePlus (v4.00.01 or later)
<b>Notes</b>		