

7" Touchscreen HMI + PLC



- Touchscreen
- 800 x 480 Pixel Resolution TFT
- Ethernet
- 5 I/O Expansion Ports
- 2 Serial Ports

System	CPU	32-bit RISC, 400 MHz
	Memory	128 MB total
	Application Memory	45 MB
I/O Ports	USB	1 host port, 1 slave port
	Serial Ports	COM1: RS-232/RS-422/RS-485, 2 wire or 4 wire COM2: RS-232/RS-422/RS-485, 2 wire or 4 wire
	Ethernet Port	10/100 Base-T (RJ45)
	Expansion Ports	5 (for optional I/O modules)
	RTC	Built-in
Display	Display Type	7.0" TFT color LCD
	Size (W x H)	6" x 3.6" [152 x 91 mm]
	Max. Resolution (pixels)	800 x 480
	Max. Colors	32 K
	Contrast Ratio	500:1
	Backlight	LED
	Backlight Longevity	30,000 hours at 25° C
Touchscreen / Keypad	Brightness (cd/ m ²)	300
	Type	4 wire analog resistive
	Lifespan	1 million activations minimum
	Resolution	Continuous
Mechanical	Enclosure	Plastic molding
	Ratings	IP66
	Mounting	Panel
	Dimensions (W x H x D)	7.68" x 5.91" x 1.97" [195 x 150 x 50 mm]
	Panel Cutout (W x H)	7.24" x 5.16" [184 x 131 mm]
	Net Weight	1.37 lbs (.62 Kg)
	Power Requirements	24 VDC, 375 mA
Environmental	Operating Temperature	32 ~ 122°F (0~50° C)
	Storage Temperature	-4 ~ 176°F (-20 ~ 80° C)
	Relative Humidity	10 ~ 85% (non-condensing)
	Shock (operation)	25 g acceleration for 11 ms x 3 shocks each axis
	Certifications	CE, cULus (Class I, Div 2 rated), RoHS
Notes	This unit is compatible with all HMC7 I/O modules. Specifications subject to change without notice.	