



7.0" cMT HMI with Built-In Server



- Most Powerful 7.0" HMI
- 800 x 480 Pixel Resolution
- CANbus Support
- 2 Ethernet Ports for Added Security
- MQTT, OPC-UA, MySQL Database Server

System	CPU	32-bit RISC Cortex-A9, 1 GHz
	Memory (RAM)	1 GB
	Memory (Flash)	4 GB
	RTC	Built-in
I/O Ports	Serial	1 x DE9P COM1: RS-232, COM3: RS-232*
		1 x DE9S COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	LAN	1 x 10/100 Base-T RJ-45, 1x GbE RJ-45
	CANbus	Yes
	USB Host	1 x USB 2.0
	USB Client	N/A
	Audio	N/A
	Video	N/A
	Wi-Fi	N/A
	HDMI®	N/A
SD Card Slot	N/A	
Display	Display Type	7" TFT LCD
	Size (W x H)	6.02 x 3.39 inches [153 x 86 mm]
	Max. Resolution	800 x 480
	Max. Color	16.7 M
	Luminance (cd/m²)	400
	View Angle (H°/V°)	160/140
	Contrast Ratio	800:1
	Backlight Lifetime (Hours)	30,000+
Touch Screen	Type	4-wire resistive touch
	Active Area Accuracy	Length (X) ±2%, width (Y) ±2%
Electrical	Input Voltage	10.5 ~ 28 VDC
	Input Current	2A @ 12 VDC; 1A @ 24 VDC
	Input Power	24 W
	Power Isolation	Built-in
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
Mechanical	Enclosure	Plastic, charcoal grey
	PCB Coating	Yes
	Dimensions (W x H x D)	7.89 x 5.76 x 1.38 inches [200.3 x 136.3 x 35 mm]
	Net Weight	Approx. 1.32 lbs. [0.6 kg]
Environmental	Mounting	Panel 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, 2G, 30 minutes)
	Rating	IP65 front panel, NEMA 4X (indoor use only)
Software	Certifications	cULus, CE, RoHS
		EasyBuilder Pro (v6.02.01 or later)
Notes	*Only Tx and Rx may be used for COM1 RS-232 while COM3 RS-232 is in use.	