

# QTERM®-J10

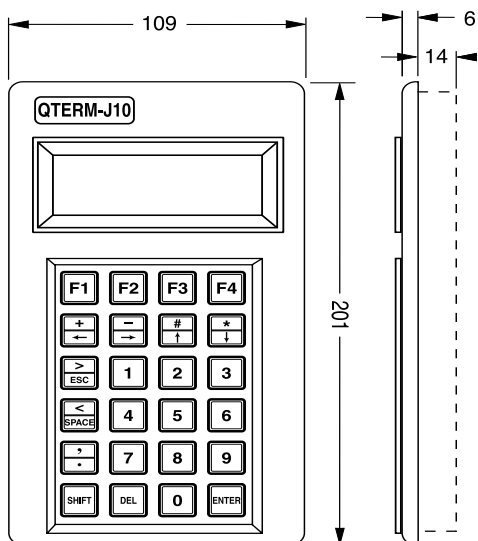
Affordable Character HMI Terminal

The QTERM-J10 is a rugged, low-cost human machine interface (HMI) terminal featuring a Supertwist, 20x4 character LCD display. Built to operate in many environmental conditions, the QTERM-J10 meets NEMA-12/13 specifications.

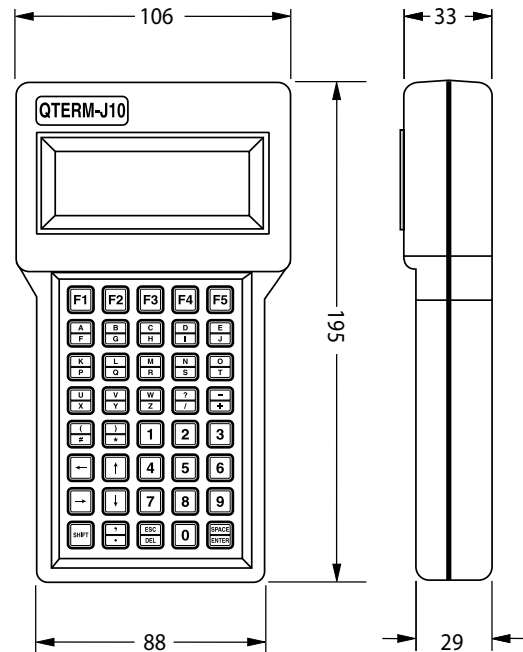


## Product Highlights

- ▶ Supertwist, 20x4 character, LCD display
- ▶ Handheld or panel-mount housing
- ▶ Choice of an 18-, 24- or 40-key tactile keyboard
- ▶ NEMA-12/13 rated and CE Certified
- ▶ Customizable logo and keypad



Panel-mount with cutout dimensions



Handheld with a 40-key keypad

Dimensions shown in mm.

## QTERM-J10 Specifications

Feature	Detail	Description	
Display	Type	Supertwist LCD	
	Characters	20x4	
	Options	Lighted and vacuum-fluorescent display	
Keypad	Number of Keys	18-key, 24-key, or 40-key	
	Construction	Steel snap domes in membrane	
	Options	Electroluminescent lighting, prototype and custom legends available	
Interface	Serial	EIA-232, EIA-422 or 5-volt Buffered	
	Connectors	Handheld	6-pin modular jack standard, DB9 (optional)
		Panel-mount	2mm standard
Memory		16 bytes nonvolatile memory for user data	
Power	Input	4.8 to 5.3 VDC supply without regulator; 7.5 to 24 VDC supply with optional regulator	
	Consumption	28mA @ 5 VDC (typical) lighting off, 88mA @ 5VDC (max) lighting on	
Mechanical	Type	Panel-mount or Handheld	
	Size	Handheld: 106 (W) x 195 (H) x 33 (D) mm; Panel-mount: 109 (W) x 201 (H) x 20 (D) mm	
	Mass	Handheld: 296 g; Panel-mount: 192 g	
	Housing Material	Impact-resistant black ABS	
	Colors	Custom colors are available	

Environmental	Sealing - Front Panel	NEMA-12/13
	Temperature	Operating: -10 to 60 °C; Storage: -40 to 85 °C
	Humidity	0 to 95%, non-condensing
Certifications	CE	EN50082-1:1992, EN55022:1987, EN60950 amendments 1, 2 and 3
	EMC	FCC Part 15, Class A

Software		Communication with ASCII serial. VT52 emulation.
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