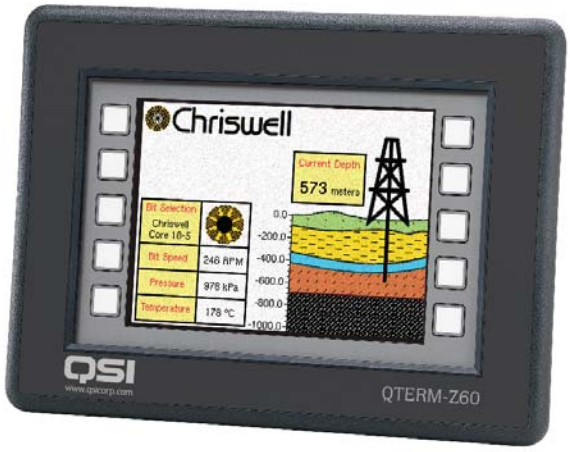
QTERM-Z60

Economical Graphic Terminal with Object-Based Programing



QSI CORPORATION

WiFi Qlarity Object-Based Programming CE

- 320x240 pixel, 143 mm (5.6") diagonal, STN color graphic display
- Resistive touchscreen with soft keys around viewable area
- EIA-232 only or one user-selectable EIA-232, -422 or -485
- NEMA-12 or NEMA-4 sealing for harsh environments
- Powerful Qlarity® object-based programming for easy application development
- Windows® programming, simulation and debugging environment
- 0 to 50 °C operating temperature
- CE Certified, UL 94V-0 housing
- Programmable speaker

QTERM-Z60 - The Economical Graphic Terminal

The QTERM®-Z60 is an economical human machine interface terminal. Two different models exist to suit any environment and budget. In general, the Z60/H version is NEMA-4 rated and has a user-selectable serial port while the Z60/L is NEMA-12 rated, has one EIA-232 serial port and an economical display. Our rigorous engineering and qualification testing makes this unit suitable for industries such as print, oil and gas, testing and manufacturing.

User input occurs through the resistive touch screen, which extends beyond the edge of the viewable area, allowing for "soft keys" to the sides of the display to be used.

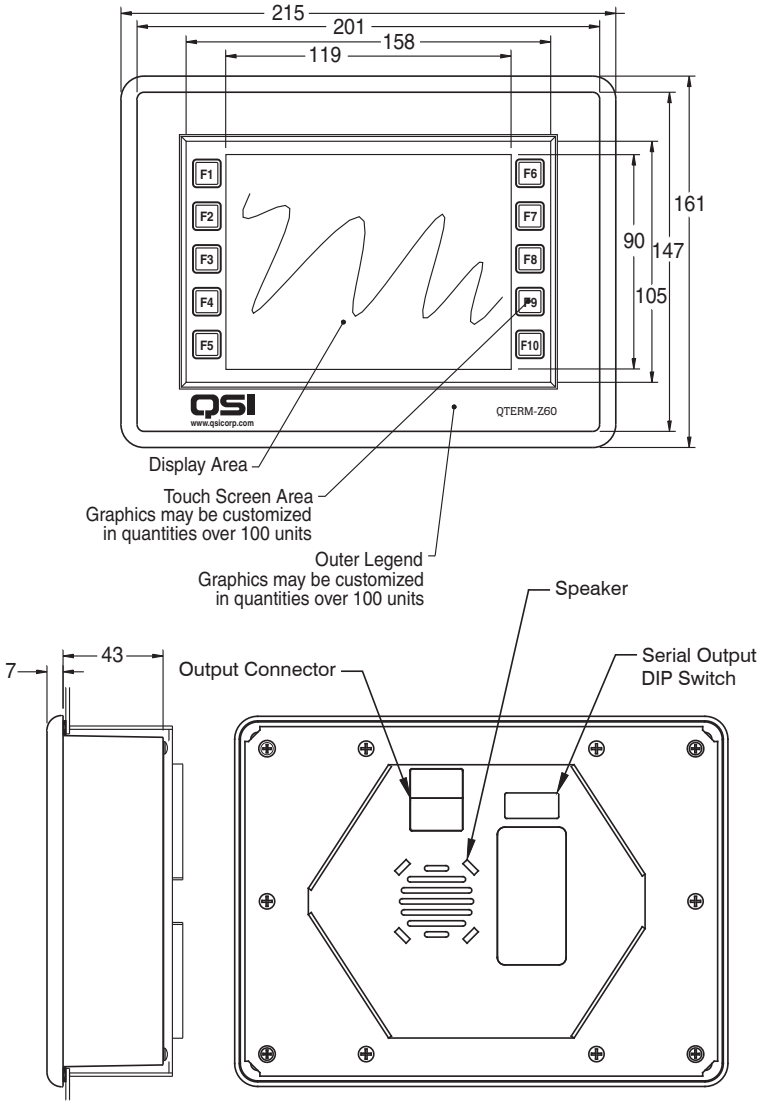
Intelligent applications can be created by modifying object properties and without writing a single line of code. Robust object-based programming with Qlarity® allows fast screen design and integration with your system requirements. Programming can be started immediately by downloading Qlarity Foundry® free from our website.

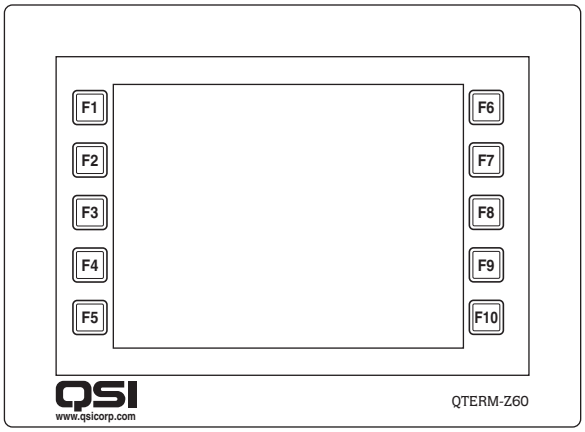
Speed up your development process and time-to-market with QSI's QTERM-Z60; this terminal is unparalleled in ruggedness and reliability. QSI has brought its design and manufacturing expertise to customers worldwide for over 25 years. QSI Corporation is located at 2212 South West Temple #50, Salt Lake City, Utah 84115.

QTERM-Z60 Specifications

Feature	Detail	Description
Display	Color	STN color, 256 colors
	Pixels	320x240 QVGA
	Size / Dot Pitch	114x86 mm (5.6 diagonal)/.36 mm
	Brightness	Z60/H-200 cd/ m² Z60/L-180 cd/ m²
	Contrast	Software- controllable Temperature-compensated
	Lighting	Cold-cathode fluorescent lamp Brightness is software-controllable
Touch Screen	Type	Analog-resistive operation Transparent touch area over viewable display Labeled touch area underlay on each side of the display
Interface	Z60/H model	One serial port, user-selectable for EIA-232, EIA-422 or EIA-485
	Z60/L model	One EIA-232 serial port
	Baud rates	1200, 2400, 4800, 9600, 14,400, 19,200, 38,400, 57,600 and 115,200
	Data formats	8n1, 8e1, 8o1, 8n2, 7e1, 7o1, 7n2, 7e2, 7o2
	Connector	12-pin Molex Micro-Fit™ (mating connector Molex 43025-1200)
Memory		2 Mbytes flash and 16 Mbytes RAM memory
Audio		Software programmable pitch and duration
Housing	Panel-mount	Glass-filled polyester, UL 94V-0 flame rating Accommodates panels from 0 to 7 mm thick with standard screws
	Size	215x161x50 mm
	Mass	1.16 kg
Environmental	Sealing	Z60/H - NEMA-4 front panel Z60/L - NEMA-12 front panel
	Temperature	Operating 0 to 50 °C Storage -10 to 60 °C
	Humidity	0 to 95%, non-condensing
	Vibration	5 to 2000 Hz, 4 g-pk
	Shock	20 g, 6 ms, any axis
	Certifications	FCC Part 15, Class A, ICES-003
	CE Certified	EN60950-1, EN55022, EN55024
Processor	Type	ARM7 77 Mhz
Power	Standard	8 to 32 VDC - 220 mA @ 12 VDC (typ)
Software	Terminal operating system	Qlarity® – Object-based programming language
	Development environment	Qlarity Foundry® – Windows® design environment

QTERM-Z60 Dimensions (mm)





QTERM-Z60 with standard legend

The intelligent capabilities of the QTERM-Z60 allows it to monitor and adjust the operation of an industrial sheering machine