

Rapidlogger Data Interface™

Rugged Data Interface from Rapidlogger Systems



Rapidlogger Systems is a provider of efficient monitoring software and hardware systems for petrochemical and oilfield applications.

At Rapidlogger Systems we have designed and developed a range of products for use in the petrochemical and oilfield industries. Our products are ruggedized and designed for harsh oilfield and petrochemical environments.

Rapidlogger enhances operational safety and improve operations through their efficiency and ease of use.

Applications

Rapidlogger Data Interface is a rugged data interface with serial and Ethernet capabilities. The Data Interface is suitable for use on earth moving equipment, crane trucks, mud pumps, and anywhere exceptional ruggedness is needed. The Data Interface has an eight line by twenty character display and a numeric keypad. Our customers have utilized the Rapidlogger Data Interface to PLCs, DCS, modems, Windows and Linux servers.

Features

The Data Interface is rugged, compact, and cost-effective. The system is simple to use as both an

annunciator and an equipment control interface. The keypad is almost indestructible and fully sealed against water and dust.

The standard system has both serial port (RS232) and Ethernet (TCP/IP) capability. The standard system also has four analog inputs, two frequency inputs, two digital outputs and one relay output.

The package is very compact and suitable for panel mounting externally on heavy trucks and skids. The Rapidlogger Data Interface has been specifically designed from the ground up for use in harsh and hazardous environment. The fully sealed NEMA 4 enclosure houses the embedded microcontroller, display, and keypad.

The firmware in the Data Interface allows operation in a ANSI terminal mode, or as a custom software interface as required. New firmware can be easily uploaded via the serial port.

The system is operates from 12-24VDC and 110-240VAC/60Hz versions are available. The system can be retrofitted in existing units or incorporated into new service units. The system has been designed for continuous operation in harsh environments. Contact us with your specific requirements.

Specifications

Operating Temperature:	-40 °C to 70°C
Operating Environment:	NEMA 4X
Analog Inputs:	4 each 16bit
Frequency Inputs:	2 max
Display:	Backlit Graphic LCD
Computer Interface	Serial RS232, Ethernet
Power	12/24 Volts DC
Program Memory	1 MB Flash

Available Options

Intrinsic Safety Barriers

For use in offshore operations in hazardous areas

Alarm output relay

Activate an alarm or light

Software interface capability for

ANSI, VT100, ASCII