

XL4 / G7

Data Acquisition Solutions



Premium downhole data acquisition solutions built for even the most extreme well site conditions.



Key Features

- » Small, compact and elegant enclosure
- » 3.5" colour touchscreen
- » Intuitive interface with on-screen instruction manual
- » Up to 32GB of on-board memory
- » RS485, RS232, & Ethernet Outputs
- » Expandable architecture for additional surface instrumentation inputs
- » Safe operating temperature of 0°C (32°F) to 85°C (185°F)
- » Class 1, Zone II, IIC, API RP505 Certifications

User Friendly Downhole Data Integration

This modular data acquisition solution provides powerful communication capabilities to monitor, measure and record real time data from a variety of surface and downhole sensors. This includes data from many other manufacturers of downhole equipment. This data acquisition cabinet helps integrate data into your network and control systems.

Data can also be stored locally on an interchangeable SD card to ensure no loss of data in the event of a communications breakdown. Furthermore, the solution can easily connect to client supplied SCADA systems via RS232, RS485, Ethernet or other available communications protocols.

The modular design of the solution means additional capabilities can be added as the need arises. The solution is easily expanded to include virtually any surface or downhole instrumentation. Additionally, solar power and battery options can be added to deliver uninterrupted power. When producing out data acquisition units we focus on delivering practical and reliable solutions with excellent workmanship.

Capabilities

- Topography Analysis
- Field data download-able through removable thumb-drive in a .csv file
- SCADA radio programming
- Factory acceptance testing
- Intrusion alert analysis
- Custom PLC programming

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Specifications

	G7	XL4
Build Format	19" Rack Mount	Full Enclosure
Number Of Gauges	8	8
Enclosure Rating	-	Exe IIC T6, IP66
Hazardous Area Rating	-	ATEX Directive 94/9/EC
Classification	-	Class 1, Zone II, IIC, API RP505
Operating Temperature Range	0°C (32°F) to 40°C (104°F)	0°C (32°F) to 85°C (185°F)
Power Supply	100/240 VAC 50/60Hz; 24VDC	100/240 VAC 50/60Hz; 24VDC
Uninterrupted Power Supply	Yes	Yes
Display	None	Yes
Memory Capacity	32GB	32GB
Communication Interface	Ethernet, RS232 and RS485	Ethernet, RS232 and RS485
Communication Protocol	Modbus, OPC	Modbus OPC
Ethernet Interface Capability	100Mbps	100Mbps

Colour Touchscreen Interface

The colour touchscreen interface offers an intuitive and familiar means of operating the system. An on-board instruction manual makes for easy use and troubleshooting in the field. Like all GEO PSI products, this cabinet is designed to maximize reliability and ease of use.

