



# CASED HOLE LOGGING Line Management System

Spartek Systems specializes in providing the oil and gas industry with high quality data to monitor well performance and diagnose potential problems. Founded in 1994, Spartek Systems leads the industry in providing cost effective solutions for acquiring reliable production data.



## Primary Features

- ▶ Differential quadrature encoder interface
- ▶ In-line tension device or hydraulic load cell
- ▶ Three 4-20 mA inputs
- ▶ Easy to read display
- ▶ Large memory capacity
- ▶ Programmable alarms
- ▶ Rechargeable battery
- ▶ User configurable software
- ▶ CE Certified (Conformité Européenne)
- ▶ Compatible with Windows 7/Vista/XP/NT/2000

## Product Overview

Spartek Systems developed the Line Management System (LMS) to provide our customers with a cost effective solution for managing wellsite information during logging operations. The self contained unit incorporates a real time clock and has the capability to display and record depth, speed, tension, location, and data from client specific instrumentation interfaced to the remaining analog input channels.

The LMS can be operated in a standalone mode or in combination with a Windows compatible PC. In standalone mode all data is recorded to non-volatile memory. Data can be retrieved by transferring the data to a Windows compatible PC using the USB or serial port interface. The LMS can also be coupled with a PC to form a real time data acquisition system capable of displaying and processing information in realtime.

## Applications

- ▶ Depth recorder for memory based logging.
- ▶ Electronic depth record
- ▶ Simple three channel real time logging system
- ▶ Managing wellsite events / logs
- ▶ Monitoring wireline operations
- ▶ Flexible surface data acquisition logger

# SPARTEK SYSTEMS

Providing Our Customers With "Best In Class" Technology

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Specifications:

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<b>Enclosure</b> Environment Dimensions Weight Operating temperature	Durable water resistant Pelican case 5" deep x 11" wide x 10" long 2 lbs -30°C to 60°C * (* Operation below -20°C requires the use of non-rechargeable batteries)
<b>Power Requirements</b> Voltage Current Battery	12 V 100 mA Rechargeable battery pack 30hrs standard.
<b>Memory</b> Standard	8 MB
<b>Communications</b>	RS-232 or USB (115K Baud)
<b>Software Compatibility</b>	Windows 7/Vista/XP/NT/2000
<b>Display</b> Type Number lines Refresh rate	Bright LCD 4 Lines 2 times/second
<b>Data Acquisition Inputs</b> Depth Number of external channels Analog Input A/D resolution Sampling speed	+ 5V Single or Differential Quadrature 3 channels 4-20 mA 24 bit Adjustable -10 samples/second (max)
<b>Information Displayed (Standalone)</b> Depth Speed Real Time Clock Tension	<b>Information Displayed Real Time (PC)</b> User configurable

Specifications subject to change without notice

For More Information, Pricing, and Technical Support Contact:



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