

PRODUCT INFORMATION:



DESCRIPTION

The DELTA logging system is a fully integrated and self-contained well-logging data acquisition system for use with both Guardian's range of 'Pocket Production Logging' (PPL) suite of downhole instruments, as well as a wide range of other industry standard cased and open-hole sensors, including CBL, PNT, MFC and ballistics operations. The system comprises an SDS Tool Interface Panel, a Guardian High Speed Telemetry Panel (HSTP-C), a tool power unit, depth and tension interfaces, thermal log printer and either an IBM PC compatible notebook or rack-mount system machine running the acquisition software. An uninterruptible power Supply (UPS) can also be specified.

Combined with the downhole High Speed Telemetry Cartridge (HSTC), DELTA forms the basis of a powerful, fast and flexible logging system able to perform a wide variety of cased-hole operations.

Data quality is assured with the high-reliability telemetry system, which supports automatic error detection.

The system is available either as a portable unit, comprising two rugged and shock mounted 19" rack cases, or installed in a single 19" in-truck rack. The total space required varies depending on specification but is typically 14U in height.

An integral thermal monochrome printer provides very rapid hard copy output for wellsite QC and interpretation.

PRODUCT FEATURES:

- > Compatible with all Guardian tools as well as many others from different suppliers
- > All in one system
- > Portable and rack mounted systems available

PRODUCT APPLICATIONS:

- > All Cased Hole logging services

SPECIFICATIONS:

	DEL-H
PART NUMBER	125-99027
SUPPLY VOLTAGE	110vac / 240vac
CURRENT (MAX)	4A
WEIGHT IN AIR	Specification Dependant Typ. 264 lbs/120 Kg
BIT RATE (MAX)	50KBaud
PROTOCOL OVERHEAD (TYP)	10%
BAUD RATE SPEED CONTROL	Manual
DOWNHOLE SIGNALLING	Optional
COMMAND SIGNAL RATE (MIN/MAX)	1 / 2 Kbps
DOWNHOLE COMMANDS PER TOOL	Unlimited
HARDWARE ERROR DETECTION	Yes
ANALOGUE AUXILIARY INPUT	Optional
DIGITAL AUXILIARY INPUT	Optional
OUTPUT VOLTAGE (MAX) TO TOOLS	200 vdc
OUTPUT CURRENT (MAX) TO TOOLS	1000mA
HOST PC I/O	RS232 113.2 / 9.6 Kbps
DELTA-H (PORTABLE)	One Flight Case, 19" Rack
DELTA-H (TRUCK)	19" Rack
TENSION INPUT	4-20mA Current Loop
DEPTH INPUT	Phase A & B Quadrature
HARDWARE DEPTH SYSTEM	Optional