

Digital Recording System (DRS014)

The Digital Recording System (DRS) is a PC based, rack mounted digital acquisition system. This rugged and reliable system is suitable for mounting into logging trucks and offshore units.



Running under Windows®7, the system can accommodate a variety of analogue, digital or pulse inputs. Full real-time control of the logs is available including simultaneous recording and playback, curve merging and annotation. Other features include calibration, headers and footers, and toolstring graphics. The PC basis allows the running of other standard software packages without the need to transfer data to another computer. The DRS014 has a Single conductor Tool Interface Panel (STIP) with Ultralink™ module (ULM002) included and is therefore optimised for use with the full range of Production Logging, Casing Inspection, Cement Evaluation and other Cased Hole equipment.

Features

- Full control of logs – annotation, data/curve merging and heading information.
- Simultaneous real time data recording and playback.
- Performs and records instrument calibrations.
- Generates log header and footers.
- Creates toolstring configuration graphics.
- Display is via high resolution flat panel screen.
- Print to thermal film or paper.
- Single conductor Tool Interface Panel (STIP) included.
- Data archived in LAS or LIS.



Digital Recording System (DRS014)

| Specifications | Standard | Options |
|------------------------|--|--|
| Basic computer | 3.1GHz i7 CPU, 8GB RAM, Quad Head Graphics | N/A |
| Computer power supply | 500W Industrial | N/A |
| Hard drive | Dual 1TB set to RAID 1 (mirroring) | N/A |
| Monitor | 19in LCD | Multi-Monitors supported |
| Keyboard | Rack Mounted | Sealed to IP65 |
| DVD/CD | DVD/CD RW | Can be used for archive/data delivery |
| Ports | 12 USB, 2 serial, 2 LAN | N/A |
| Operating system | Windows 7 Professional 64-bit | N/A |
| Printer | 8.25in wide B&W thermal plotter | Color inkjet printer |
| Data files | LAS, LIS, (NTI, TAP, IMG) | N/A |
| Plot files | TIFF, PDF | N/A |
| Tool compatibility | Sondex Ultrawire™, analogue and others | Downhole Tractor, DECT |
| Hardware compatibility | STIP - Tool Interface & Power Supply - Digital Signal Processor (DSP) 1.6 MSPS ADC Integrated USB hub | Safety Panel, Perf. Panel, scope and other 19in panels |
| Software | Producton Logging, Casing Inspection & Cement Evaluation applications including calibrations, cross-plots, tools diagrams, headers and footers | N/A |
| Depth Interface | Pulse encoders | N/A |