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SCOUT PRO Logger Data Sheet

SCOUT: The Next Generation Borehole Logger

The SCOUT represents the latest innovation in borehole logging technology from Mount Sopris and ALT. Designed to work seamlessly with the Quick Link (QL) range of sondes, the SCOUT is specifically optimized to support cutting-edge high-performance acoustic and optical televiewers.

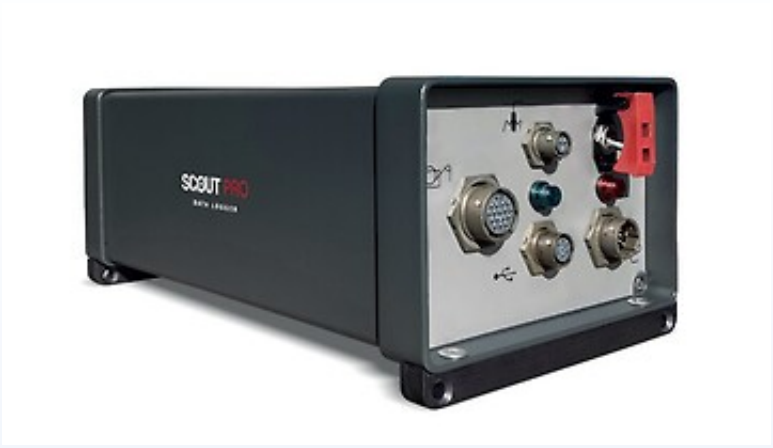
Versatile Compatibility: Fully compatible with most winches and cable types, ensuring easy integration into existing setups.

High-Performance Televiewers: Engineered to deliver exceptional performance with the latest acoustic and optical televiewer technology.

Cost-Effective Solution: Offers an affordable way for companies to expand their service portfolio with advanced televiewer capabilities.

Expanded Probe Support: Now capable of supporting Geovista and Kuster probe lines, further enhancing its versatility and application range.

With its innovative design and expanded compatibility, the SCOUT is an ideal solution for professionals seeking to enhance their geophysical logging services with modern, high-performance tools.



Key features of the SCOUT PRO Logger:

- **Faster Logging Speeds**: Equipped with an ultra-high-speed USB interface, the SCOUT ensures rapid data acquisition and operates seamlessly on any PC-compatible notebook.
- **Wide Tool Compatibility**: Fully supports all Mount Sopris and ALT tools featuring QuickLink (QL) telemetry, enhancing versatility.
- **Flexible Wireline and Winch Options:** Compatible with coaxial, mono-conductor, and multi-conductor wirelines, offering unparalleled adaptability for various field setups.
- **Enhanced Telemetry Performance:** Optimized for long single and multi-conductor wirelines when paired with the latest ALT/MSI tools, featuring innovative Equalizer and Train processes for superior signal quality.
- **Comprehensive Software Integration:** Controlled via Logger Suite software, the SCOUT provides real-time data display, printing capabilities, and seamless operation for efficient workflows.
- **User-Friendly Operation:** Designed with a graphical user interface, self-diagnostic features, and file-based configuration, requiring minimal user input for easy setup and use.
- **Shaft Encoder Versatility:** Compatible with both 12V and 5V shaft encoders, ensuring flexibility in

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deployment.
- **Rugged and Reliable:** Built as a robust, heavy-duty system that is fault-tolerant and capable of withstanding challenging environments.
- **Lightweight High-Performance Solution:** The ideal choice for customers seeking portable, durable, and high-performing equipment for demanding geophysical logging applications.

LoggerSuite Dashboard: The Heart of the SCOUT PRO Logger

At the core of the SCOUT PRO Logger's graphical user interface lies the LoggerSuite Dashboard. This powerful control panel allows operators to efficiently manage all system functions, monitor the data acquisition process in real-time, and track the status of the logging tools. The dashboard is designed to handle multiple threads running concurrently, ensuring that various system tasks are performed simultaneously for smooth, uninterrupted operation.

LoggerSuite Dashboard Features:

- Depth Control: Effortlessly monitor and manage depth data in real-time for precise logging operations.
- Tool Configuration, Power Control, and Advanced Settings: Configure tools, adjust power settings, and access advanced tool options to optimize performance.
- Telemetry Control and Tuning: Fine-tune telemetry parameters to ensure optimal communication and data transmission.
- Data Sampling Record and Replay Control: Control the data sampling process and replay previously collected data for detailed analysis.
- System Status Display: Get a comprehensive view of system health with real-time status updates and diagnostics.
- Wireline Weight Indicator Display: Monitor wireline tension and weight to ensure safe and efficient logging operations.
- Data Browser and Processor Control Windows: Navigate through collected data and apply processing tools for enhanced data analysis.

Browser windows are used for real time data monitoring and offer a wide choice of display and printing options for conventional curves, full wave form sonic traces, acoustical and optical borehole images. A header editor is available to provide sophisticated log headers with graphics. Special processors can be activated and configured for real time processing (acoustic velocity picking, spectral gamma display and stacking). Using the WellCAD Browser add-on module allows a real-time connection to the WellCAD data processing platform enabling the user to apply templates, compare currently logged data with reference / repeat data or run processes. QA / QC tasks, data preprocessing and field interpretation can be executed on incoming data.

Product Dimensions

Physical	Dimensions (L x W x H)	Weight
(instrument only)	30cm x 17cm x 11cm	2.5kg

Technical Specifications

Input Voltage:	90 – 240 VAC, 50 – 60 Hz inverter compatible

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Tool Power:	Up to 200 V / 300 mA
PC Connection:	High speed USB
Operating System:	Minimum NT4, XP, VISTA, Win7, Win10
Logging Cable:	Standard single, four, seven conductor and coax
Tools / Telemetry:	QuickLink probe line
Upgradeability:	User upgradeable firmware
Software:	LoggerSuite Software

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