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## Grant targets automotive market with CAN-to-ASCII gateway device

- *dataTaker CANgate™ device allows automotive engineers to capture CAN and GPS data for connection to sophisticated data logger or host computer*
- *dataTaker CANgate is a flexible, easy-to-configure, low cost solution for a wide range of automotive and engine logging applications*

**CAMBRIDGE, England, May 14, 2007** - Grant Instruments ([www.grant.co.uk](http://www.grant.co.uk)), a world renowned manufacturer and supplier of data acquisition, scientific and life sciences products, has introduced the dataTaker CANgate CAN-to-ASCII gateway device, a low cost solution for a wide range of automotive and engine logging applications.

The flexible, easy-to-configure CANgate device converts CAN (Controller Area Network) and GPS (Global Positioning System) data to serial data. This allows the real-time data available on CAN and GPS networks (e.g. temperatures, RPM, brake and throttle positions, latitude, longitude, speed, etc.) to be captured and passed to either a sophisticated data logger or to a host computer system.

CANgate features two high-speed CAN bus ports, which allow connection of two independent CAN networks, a single RS232 GPS interface, and a serial port for data logger or PC connection. CANgate's versatile configuration allows a user to select parameters of interest, apply statistical functions (average, minimum, maximum) and to control the format in which data is returned. CANgate also supports widely used protocols such as ISO-15765 and SAE-J1939, as well as raw CAN frames.

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Certified to: ISO 9001:2000  
Certificate No. FM 24301  
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Registered office: address as above

CANgate is supplied with host software to support the use of the device in conjunction with the Grant dataTaker DT80 range of data loggers. This software facilitates direct communication between the vehicle and the logger with its intelligent control and advanced programmability.

“CAN networks are used throughout the world in passenger and commercial vehicles and carry complex messages about almost every aspect of a vehicle’s performance,” says Nathan Neal, Commercial Manager for data acquisition products at Grant Instruments. “By providing both CAN and GPS interfaces, CANgate can be used in a growing number of vehicle, transport and marine applications, in which there is a need to combine vehicle performance with geographic data.”

The dataTaker CANgate device is the latest in a range of data acquisition products and accessories on offer from Grant Instruments designed to satisfy the most demanding data collection requirements across industrial, scientific, R&D and environmental applications.

The Grant data acquisition product range extends from high specification, portable data logging systems (Squirrel family) through to fully integrated custom-configurable acquisition and control systems (Datataker family), while Cambridge-based Grant affiliate [Eltek](#) produces Squirrel variants primarily for remote logging. All products come with a comprehensive warranty. OEM versions of most products are available on request.

For more information about Grant Instruments’ wide range of data acquisition products, please visit [www.grant.co.uk](http://www.grant.co.uk). Alternatively, telephone +44 (0) 1763 260811 or email [acquisitionales@grant.co.uk](mailto:acquisitionales@grant.co.uk).

A high resolution photograph of the dataTaker CANgate device is available at:

<http://www.grant.co.uk/About/News/>

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**About Grant Instruments' data acquisition products**

Grant Instruments (Cambridge) Limited ([www.grant.co.uk](http://www.grant.co.uk)) is a world renowned supplier of own-brand scientific, life sciences and data acquisition products. The company has been designing, manufacturing and distributing measurement and control systems for the past 50 years and has established a worldwide reputation for high quality, reliable and robust systems designed to satisfy the most demanding data collection requirements across industrial, scientific, R&D and environmental applications. Headquartered at Shepreth on the outskirts of Cambridge, England, the company has an extensive network of dealers and distributors servicing Europe, the Americas, and the Asia Pacific region. Datataker Pty Ltd. ([www.datataker.com](http://www.datataker.com)), a wholly-owned subsidiary of Grant Instruments, manufactures advanced, integrated data acquisition systems under the dataTaker brand and is based in Melbourne, Australia.

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