dataTaker®

Software

dataTaker Resource CD

• Free entry level software and utilities to setup and manage your dataTaker.

• **Instruction Manuals –** Soft copies of Getting Started and User Manuals to view and search on your PC.

• **Video Tutorials –** Short, practical tutorials covering common sensor interface and setup of your dataTaker.

• **Technical Notes and Application Examples –** Support documents for dataTaker data loggers and typical accessories.

• **Utilities –** Additional software tools for dataTaker data loggers and accessories such as modems and memory card readers.

• **LabVIEW™ Driver –** An extensive driver library for developing Datataker applications in the National Instruments LabVIEW environments.

DeLogger™ 5 Pro

• Enhanced level graphical software package with powerful and easy-to-use features for small or large systems based around dataTaker data loggers.

Training Workshops

Datataker training workshops are designed for those wanting to understand the fundamentals of data acquisition and optimize their dataTaker data logger. Hands on tutorial with training by experienced dataTaker support staff. Contact your local dataTaker distributor or www.datataker.com

Technical Support

Relax with the knowledge that technical support is available by telephone, email, fax or website. Contact your local dataTaker distributor or support@datataker.com.au
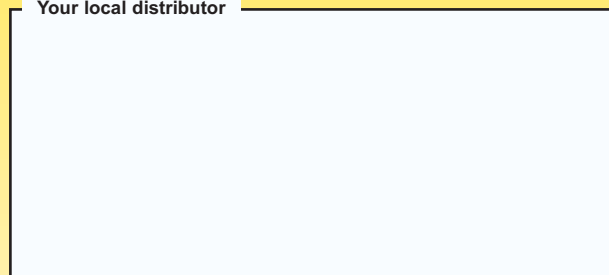
Products Specifications

Products Specifications	Analog Inputs	Analog Input Expandable	Vibrating Wire Sensor Support	Analog Input Range (volts)	Max Samples Per Second (analog)	Digital & Counter Inputs	Serial Sensor Channel	Built-in Data Points Storage	Built-in Display
DT81	Up to 3	–	–	±30	25	8	1	10 million	–
DT80	Up to 15	Yes	–	±30	25	12	2	10 million	Yes
DT80G	Up to 15	Yes	Yes	±30	25	12	2	10 million	Yes
DT85	Up to 48	Yes	–	±30	25	12	2	10 million	Yes
DT85G	Up to 48	Yes	Yes	±30	25	12	2	10 million	Yes
DT800	Up to 42	–	–	±10	200	16	1	130,000 expandable	–

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For full technical specifications on any of our products please visit our website.

www.datataker.com

Your local distributor

BR-0026-C1

Intelligent Data Logging Products

Easy To Use

Web Enabled

Low Power

FREE
Software & Technical Support

Designed and Manufactured in Australia to the highest quality standards.

DT80 Range

Easy to Use
Web Enabled
Low Power
Up to 48 Analog Sensors
Expandable to 800 Analog Inputs
USB Memory Flexibility

A range of data loggers that provide leading edge technology to suit the wide range of data acquisition and monitoring solutions.

The Smarter Solution

The *dataTaker DT80* range are robust, stand alone or networked, low power data loggers featuring USB memory stick support, 18 bit resolution, and extensive communications capabilities and built in display. The loggers support multiple SDI-12 sensor networks, Modbus for SCADA systems, FTP and Web Interface.

Versatile Measurement

Analogue and digital channels, high speed counter and phase encoder inputs plus programmable serial sensor channels allow the *dataTaker DT80* range to easily connect to most sensors and data management sources.

Temperature, voltage, current, 4-20mA loops, resistance, bridges, strain gauges, frequency, digital, serial and calculated measurements can all be scaled and returned within schedules to suit your requirements.

Superior Data Storage and Communications

Store up to 10 million data points in user defined memory allows the user to log as much or as little as chosen. Supporting GPS communications features modem support, USB, Ethernet and USB memory ports.

FTP provides data to your office over the internet or mobile phone without the need for polling or specific software.

GeoLoggers

For All Geotechnical Projects

Based on the highly successful *dataTaker DT80* range the new *GeoLoggers* provide an extremely versatile, easy to use solution for all geotechnical projects.

With built in vibrating wire support *dataTaker GeoLoggers* work with a host of geotechnical sensors including extensometers, piezometers, inclinometers, strain gauges, pressure cells, crack meters, tilt meters and also support Carlson meters, electrolevel and LVDT devices.

Expandable up to 800 inputs the *dataTaker GeoLoggers* are compatible with all major brands of geotechnical sensors including Geokon, Slope Indicator, RST Instruments, Soil Instruments Roctest and AGI – Applied Geomechanics Inc.

Need More Channels?

Channel Expansion Module CEM20

The *dataTaker CEM20 Channel Expansion Module* allows the data loggers and Geotechnical data loggers to be expanded to an incredible 800 analog inputs.

Data monitoring projects requiring a large number of channels can simply add up to 15 channel expansion modules to the *dataTaker* data logger.

With user friendly configuration the *dataTaker* data logger can be programmed to transfer stored or live data via USB memory sticks, web page, mobile phone.

DT800

Explore the performance of Datataker's premium data logger. Faster data acquisition and logging, expandable memory and more.

With a readily accessible PCMCIA Flash Card the *DT800* offers almost unlimited data storage and simple transfer (just swap the card). Up to 130 million data points in a low cost media format.

Connect to the world using either the standard Ethernet port (complete with Web access via TCP/IP or FTP) or the fully featured RS232 port with automatic Modem configuration (dial-in/out).

CANgate

CANgate Delivers....

The *dataTaker CANgate* is designed to capture real-time data on CAN and GPS networks (e.g. temperatures, RPM, brake/throttle settings, latitude, longitude, speed) and pass that information on to a *dataTaker* data logger or host computer system.

Two CAN interface ports allow connection of two independent CAN networks. Versatile configuration allows you select parameters of interest, apply statistical functions and control returned data format.

CANgate supports widely used protocols such as ISO-15765 and SAE-J1939, as well as raw CAN frames.