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YOU'VE GOT MAIL (FROM YOUR DATA LOGGER!)

CAS Data Loggers announces the new **dataTaker DT82EM** Intelligent Data Logger.

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The new **dataTaker DT82EM** is an intelligent, robust low power data logger designed for remote applications that features an integrated **GSM/GPRS Modem**. Combining the functions of signal conditioning, a DMM, a PC and a modem, the DT82EM provides a turn-key solution to capturing data, uploading data via email or FTP and sending alarms as email or SMS messages.

Based on the extremely successful **DT80** line of data loggers, the **DT82EM** has 4 universal analog input channels that allow it to easily connect to most sensors and data measurement sources. It supports temperature, voltage, current, resistance, strain gauge and frequency measurements. Its Dual Channel Isolation allows four 2-wire differential or six single ended analog inputs. With 4 digital I/O channels, 4 high speed counters, and 12V regulated power output the **DT82EM** is ready for any remote application.

The **DT82EM** can store up to 10 million data points in internal memory with control over the amount of historical data and storage mode. The logger also has a USB memory stick port to upload programs or download data. The internal modem is preconfigured for common cellular providers to simplify start-up. An Internal FTP and email server can send data to your desktop without the need to poll the logger or install software on your computer.

The **DT82EM** has a built in web interface that utilizes the new **dEX** user interface software management of the logger. With **dEX**, no special PC software is required, just a web browser to configure the data logger, view real-time data and download stored data.

With a rugged design, an extended operating temperature range, and the ability to operate off of battery or solar power, the **DT82EM** is the perfect logger for a wide range of data logging projects including agriculture, weather stations, hydropower, water and wastewater, alternative energy, in-vehicle or other applications that lack standard communications infrastructure, are difficult or inconvenient to access or are mobile.

These model prices start at \$2,120 and up depending on model requirements needed for specific applications. Other dataTaker models begin at less than \$1,500 – again depending on particular needs and specifications. The CAS data logger specialists can assist in determining the best piece of equipment and most cost effective for any application.

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About CAS DataLoggers

CAS DataLoggers is a distributor of data loggers, paperless recorders and data acquisition equipment. They sell directly to end users and also work through a network of distributors and resellers throughout the United States, Canada, Central and South America. The engineers at CAS DataLoggers can provide assistance in selecting the appropriate product for the application, recommend sensors and transducers and provide technical support. Other services available include on-site installation, wiring and packaging, engineering and design.

With more than 20 years experience in manufacturing data logging systems, dataTaker has over 35,000 units installed worldwide at a broad range of customers including public utilities, industrial, scientific and educational institutions.