

FOR IMMEDIATE RELEASE

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Introducing the NEW Expert Key Series 100 Data Acquisition System

CAS DataLoggers introduces the new Expert Key Series 100 Data Acquisition System.

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CAS is pleased to introduce the new **Expert Key Series 100** from **Delphin Technology**. The **Expert Key** is the latest generation system which incorporates powerful data acquisition hardware and software in a complete package. It enables data acquisition, test automation or experiment monitoring from a PC. The **Expert Key** includes **analog and digital inputs and outputs** in a compact unit. It is available in two versions, the model 100L (portable desktop case) or the model 100C (panel mount enclosure). A **USB Interface** allows data to be captured on a local PC and a **100-BaseT Ethernet Interface** allows for remote monitoring across a LAN.

The **Expert Key 100 Series** has **14 Analog Inputs** that can be attached to **RTD Sensors, Thermocouples, Voltage** or **4-20 mA** signals enabling any physical value to be acquired (e.g. temperature, pressure, flow-rate). The measurement data is saved as scaled and linearized to the device (e.g. PSI, ft/s, GPM, ...). Preconfigured scaling is provided for standard thermocouple and RTD sensor types. The **Expert Key** supports sample rates up to **100 kHz** with **18 bit measurement resolution**. It also provides **8 digital inputs, 2 counters, 4 digital outputs, 4 PWM outputs** and **4 additional bidirectional digital channels**.

The **Expert Key 100** is supplied with **ProfiSignal Go** software for set-up and monitoring measured data. **ProfiSignal Go** allows trend and x-y plots of live or historical data with integrated alarm functions. The system also includes drivers for 3rd party applications including LabView and Diadem. Data can be exchanged with other systems using an OPC server or Modbus TCP. An OCX interface is provided for compatibility with custom programs. **ProfiSignal Go** is upgradeable to the **Basic Version**, which adds further analysis tools, data logging and reporting, or the **Klicks Version** that allows for full test automation with recipe generation.

For more information, go to the [Delphin Product Page](#) or call CAS DataLoggers at **800-956-4437**. For more information on all of the products CAS offers including data loggers and data acquisition systems, visit their web site at www.DataLoggerInc.com. Prices for the Model 100L starts at \$2495.00.

Caption: **Expert Key Series 100**

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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.