



## DATApro™ MULTI-PURPOSE 4-CHANNEL DATA LOGGER



- Accepts 4 channels of current, pulse count, temperature and DC voltage.
- Measures True RMS (current only).
- User-defined recording intervals of 3, 15, 30 seconds or 1, 2, 5, 10, 15, 20, 30 minutes or 1, 12, or 24 hours and the ability to select maximum, minimum, average, instantaneous or all parameters.
- Expandable memory (from 25,000 records standard to 100,000 records with the high-memory option), allows for weeks to months of recording time.
- Better than 1% accuracy (<0.5% typical).
- Communications via direct RS232 connection, internal modem or wired/wireless LAN systems.
- ELOG™ Windows-based software package for programming, set-up, communicating, data retrieval and analysis. Easy data exporting to almost any analysis program like Excel®.
- Installs in minutes and is equipped with strong magnetic strips for securing within panels.
- Made of heavy plastic, only 8 x 15 x 6 cm (3.2" x 5.9" x 2.4") and just 340 gm (12 ounces) to easily fit inside panels for safety and convenience.
- Available weather-tight enclosure for outdoor or harsh environments.
- UL Listed for USA, Canada & Mexico and CE Compliant for Europe.

# DATApro™

## Technical Information

TECHNICAL SPECIFICATIONS	
Inputs	4 channels of AC current, 0-10 Volts DC, 4-20 mA DC, Digital/Pulse, or Temperature
Measurements	Min, Max, Average, Total
Frequency	10 Hz (pulse) and 50 or 60 Hz (current)
Accuracy	<1% of reading, exclusive of sensor accuracy (<0.2% Typical)
Resolution	Better than 0.1% FS for all parameters; 12 bit A/D (1 part in 4,096)
Memory	Standard 25,000 measurements, or High-memory 100,000 measurements
Sampling Frequency	7.28kHz (128 points per current waveform)
Recording Intervals	3, 15, 30 seconds 1, 2, 5, 10, 15, 20, 30 minutes 1, 12, 24 hours

COMMUNICATION SPECIFICATIONS	
Baud Rate	Up to 57,600 (direct) or 14,400 (modem)
MECHANICAL SPECIFICATIONS	
Operating Temperature	-7 to + 60°C (20 to 140°F)
Operating Humidity	5% to 95% non-condensing
Battery Life	3 years at 1 minute sampling LED indicator of low battery
Real Time Clock	Crystal Controlled, true calendar 20 ppm accuracy (<1 min/month)
Weight	340 gm (12 oz)
Dimensions	8 x 15 x 6 cm (3.2" x 5.9" x 2.4")

### MANAGE YOUR ENERGY USAGE

The DATApro™ is designed to measure, store and analyze up to 100,000 records of data from all types of sensors in most any environment, such as gas, water, electric, steam, HVAC, compressed air, solid or liquid waste, security, weather or manufacturing process lines. Remote data collection is possible via Internet, wired or wireless LAN systems or telephone modems. With the ability to accept pulses and inputs, such as 4-20mA, 0-10Vdc, temperature or AC current, one DATApro™ model is right for you.

### POWERFUL SOFTWARE

The Windows-based **ELOG™** software package is used to program the meter, display metered values, retrieve and analyze the collected data. **ELOG™** graphically displays recorded data, performs analysis and facilitates automatic remote data collection. Data is also easily exported to popular spreadsheet and database programs for special analysis.



### 4 CHANNEL DATAPRO MODELS

<b>4V</b>	4 Voltage Channels (0-10 Vdc)
<b>4C</b>	4 Current Channels
<b>4P</b>	4 Pulse Channels
<b>4T</b>	4 Temperature Channels
<b>1T/3P</b>	1 Temperature, 3 Pulse
<b>2T/2P</b>	2 Temperature, 2 Pulse
<b>4M</b>	4 Milliamp (4-20mA or 0-25mA)

### EASY INSTALLATION

Installation and connection of the DATApro™ are simple and straightforward. Magnetic strips on the housing facilitate mounting inside electrical cabinets and a simple 8-pin connector brings all sensors to the logger. A variety of clamp-on CTs connect to virtually any power source for AC current measurement and recording.

### Authorized Distributor:



Optimum Energy Products Ltd.  
1-877-766-5412  
[www.DataLoggerStore.com](http://www.DataLoggerStore.com)