



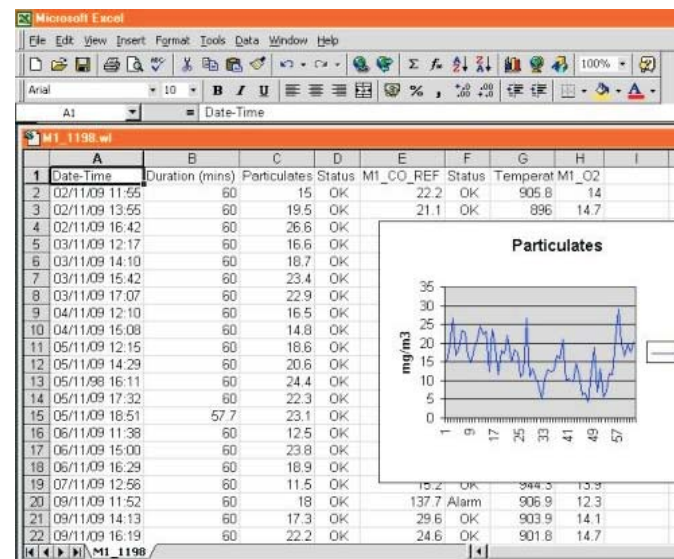
Data Logging over Ethernet & Internet

Over 30-years of experience designing measurement and control systems has resulted in the extremely versatile Microlink 840. This data logger lets you perform a multitude of data acquisition and control tasks, all from one small box. You can use it anywhere on an Ethernet network or over the internet.

The Microlink 840 Data Logger

- Monitor utility meters: gas, electric, water, etc
- Monitor digital sensors like flow meters
- Monitor analogue transducers: pressure, temperature, force, voltage and current
- Monitor digital states like switch closures
- Monitor machines: eg record on/off times and count products
- Control digital outputs
- Count totals, frequency, periods, pulse widths and elapsed time
- Switch digital channels on alarms
- Save data as text, xml, Energy Lens compatible or in a MySQL database
- Generate reports in, for example, Word or Excel.
- E-mail data and reports
- Free technical support for life

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ISO-9001 Quality Assurance



“ All this in one box for just £295! ”

Microlink 840: Low Cost, Versatile and Easy to Use

Logging Data

You choose the time period over which to store data: every minute or hour say. For each channel you can save...

- Final value of the logging interval, eg total energy used
- Maximum value, eg highest temperature
- Minimum value
- Average value
- Custom calculations on the data

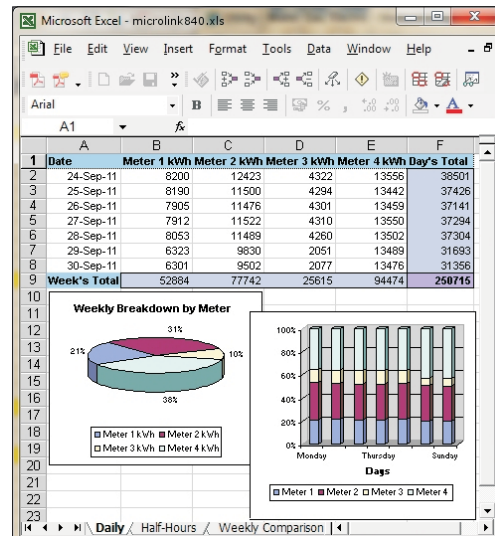
Data is stored both locally by the battery-backed Microlink and remotely on the PC, ensuring no loss of information.

Counting

The Microlink 840 offers many counting options:

- Accumulating counts
- Frequency measurement
- Period measurement
- Pulse width counter
- Elapsed time counter
- 16-bit or 32-bit counting: 16-bit allows counting up to 65000; 32-bit allows counting to over 16 million.

You can set a scale and offset factor to the count from software. For example if the pulses came from a flow meter which produced one pulse for every 50 millilitres, a scale factor of 0.05 would give a reading in litres.



- Applications**
- Environmental data logging
 - Energy management
 - Condition monitoring
 - Research and development
 - Test and measurement
 - Quality control
 - Timing and counting

No Programming Needed

Windmill software makes set-up very easy. You can configure the system, see live readings, specify when to collect data and set alarm thresholds.

Ordering the Data Logger

The Microlink 840 costs just £295. This includes the Windmill software and technical support for life. We offer a money-back guarantee if not satisfied. To place an order, or to discuss your requirements, call +44 (0)161-834 6688, e-mail sales@microlink.co.uk or visit the Windmill on-line shop at <http://www.windmillsoft.com/840.html>. We design and build all the Microlink hardware and are happy to customise systems to your specifications.

Microlink 840 Specifications

Microlink 840 Hardware

Microlink to PC interface: Ethernet/Internet
 Number Inputs & Outputs: 8
 Maximum count: Over 16 million
 Logging interval: 1 minute to 9 hours
 Count resolution: 16- or 32-bit
 Logged values: Maximum, minimum, average and final values of interval
 On and off time before a count is logged: Selectable from 1 to 255 milliseconds
 Analogue input range: 0-3.3 V. Can be made 0-5, 0-10 V or bipolar.

Windmill Software

Operating system: Windows 7
 64-bit, 32-bit;
 Vista; 2000; XP; 98
 Reads data at any time
 Can pass data in real-time to third-party Windows software like Excel

