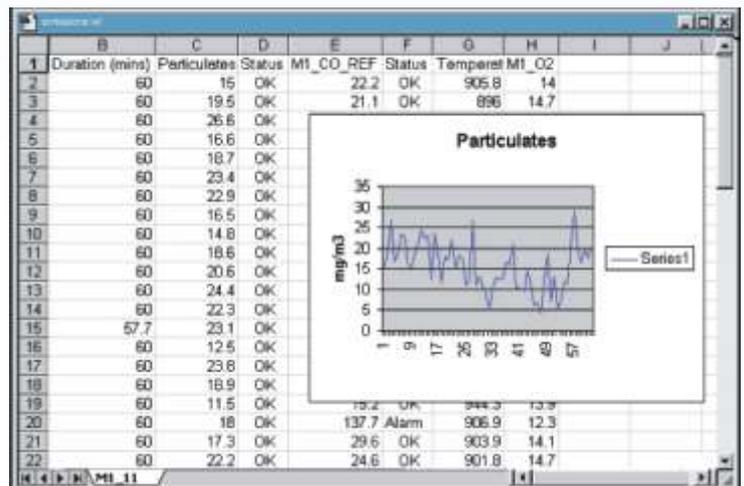# *Data Logging over IoT*

The Microlink 840 multi-purpose data logger connects to the Internet-of-Things, WiFi and Ethernet networks.

☑ Real-time remote data

☑ Eight-channel, battery-backed, data logger

☑ Monitor analogue signals including pressure, temperature, force, voltage and current

☑ Monitor digital sensors like flow meters and

☑ Monitor digital status, eg count switch closures

☑ Monitor machines, eg record percentage on/off times

☑ Count: accumulating, frequency, period, pulse width and elapsed time

☑ Monitor energy use

☑ Monitor alarm thresholds and output digital control signals

☑ Available in a weather-proof box

☑ MQTT, TCP/IP, Ethernet, Internet and WiFi communications

☑ Free technical support for life

The Microlink 840 Data Logger

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Manchester
M8 8QG
UK
Tel: +44 (0)161-83 6688
Email: sales@microlink.co.uk
windmillsoft.com
microlink.co.uk
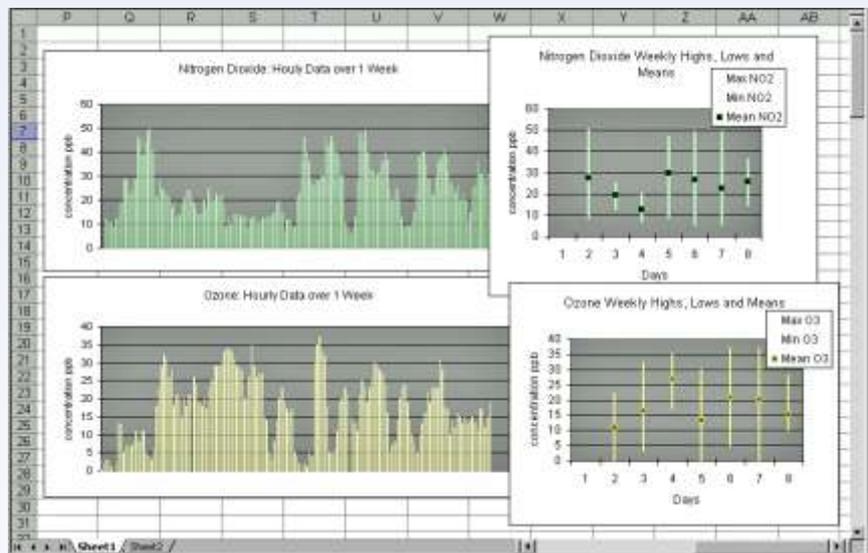ISO 9001-2015 Quality Assurance

MICROLINK
ENGINEERING
SOLUTIONS

Measurement & Control on the Internet-of-Things

Remote Data Acquisition & Control

Log data from, and control, a mix of eight digital and analogue signals. Use as a device on the Internet-of-Things via MQTT, plug into a local Ethernet network or use the internet TCP/IP protocol. Monitor and control in real-time. Suitable for mass remote energy monitoring, level detection and status logging—making it an incredibly versatile IOT tool.

- ☑ Environmental data logging
- ☑ Energy management
- ☑ Condition monitoring
- ☑ R&D
- ☑ Test and measurement
- ☑ Quality control
- ☑ Timing and counting

Microlink 840 Specifications

Max inputs & outputs:	8	Maximum count:	Over 16 million
Logging epoch:	1 minute to 9 hours	On & off time before a count is logged:	Selectable from 1 to 255 millisecs
Logged values:	Maximum, minimum, average and final value of epoch + custom calculations on data	Count resolution:	16- or 32-bit
		Analogue input range:	0-3.3 V. Can be made 0-5, 0-10 V or bipolar
Counting options	Accumulating, frequency, period, pulse width, elapsed time	Communications	MQTT, TCP/IP Wi-Fi, Internet Ethernet
		Data available in real-time	

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