



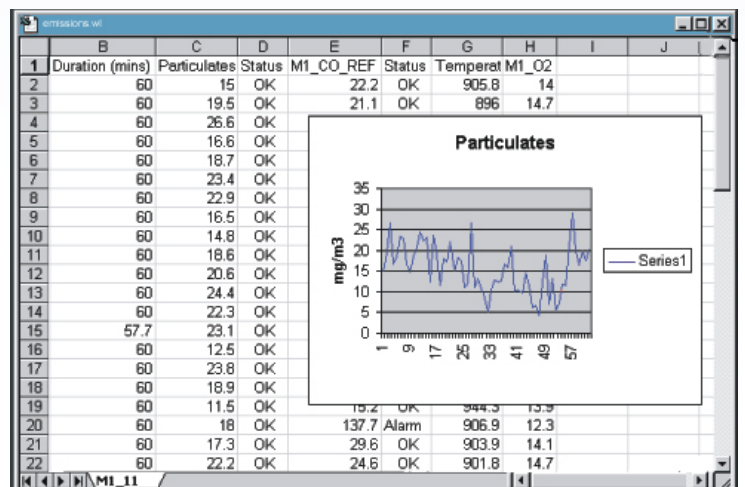
# Data Logging over IoT

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
- 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

Biodata Ltd  
 10 Stocks Street  
 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



# Measurement & Control on the Internet-of-Things

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

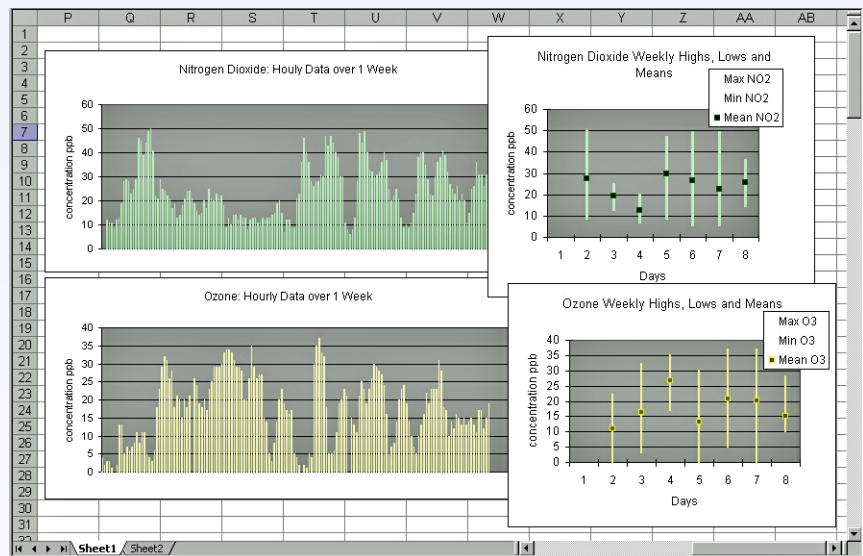
## Remote Data Acquisition & Control

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.

## Logging Data

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

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



## Microlink 840 Specifications

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

Biodata Ltd  
 10 Stocks Street  
 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



10 Stocks St  
 Manchester M8 8QG UK



sales@microlink.co.uk  
 www.microlink.co.uk



T +44 (0)161 839 6437  
 F +44 (0)161 833 2190