

# TECHNICAL DATA SHEET

**Independent Temperature Control Wherever You Need It** - the Intelligent Mini Datalogger are truly independent and therefore ideal for tracking critical temperature conditions of sensitive products during transport and storage.

## Key Features

- ✓ Easy Download Programming  
With the DB9 connector on the back, your DigiTag Datalogger can plug directly into the serial port of your PC for programming and data down load. USB to serial port adaptor can be used to connect to computers without serial ports. Console software is available as a download free from our website [www.digitron.co.uk](http://www.digitron.co.uk), making it is easy to download and program DigiTags. Continuous back-ground logging ensures key data is available should the user forget to start the logger.
- ✓ Start Button  
Start recording cycle, or countdown to the start, by holding down the button for over one second. Scroll through the statistics on the multifunctional display by pushing the button during the logging cycle.
- ✓ Multifunctional Display  
Alarm status is always visible. Analyse recorded data by viewing the statistics on the multifunctional display: First button push for the highest average and lowest reading, second push for time spent over and under specifications limits. Standard display shows the latest reading, or the status of the logger (rdy when ready to start, d when waiting f for delayed start, stop after finishing recording)
- ✓ Replaceable Battery  
The logger battery typically lasts 1 to 2 years and can easily be replaced without loss of data.

## Specification

<b>Temperature Range</b>	Measuring -40 to +70°C; accuracy +/-0.5°C; resolution 0.5°C
<b>Liquid Crystal Display</b>	Operating Temperature -20 to +70°C Scrolling through highest, average, lowest reading after 1st button press, showing time spent over/under specification limits after 2nd button press
<b>Measuring Response</b>	T90 OF 5 minutes in moving air
<b>Memory</b>	1868 samples
<b>Data Recovery</b>	Download via IBM compatible PC at 2400bps
<b>Software</b>	Console Pro Software, operating system Windows 98 or later required
<b>Sampling Frequency</b>	1 to 255 minutes
<b>Recorder Start-Up</b>	Long button press; optional continuous logging before start
<b>Security</b>	Programme settings and recorded data can be secured a password
<b>Time and Date</b>	Real time clock, accuracy better than 1 minute per month at ambient
<b>IP rating</b>	IP51
<b>Size</b>	80 x 57 x 20mm (excluding lug)
<b>Weight</b>	70 gms
<b>Case Material</b>	Polycarbonate/ABS
<b>Storage temperature</b>	-40 to +50°C
<b>Power Source</b>	User replaceable coin cell battery
<b>Typical Battery Life</b>	Depending on frequency of PC Communication
<b>External Sensor (M1-OE-D-2L only)</b>	1M cable with 85mm s/s shaft 5mm diameter

## Accessories

Product Code	Item
MA-SWP-CON	Console Professional Software
SER-USB	USB to serial port adaptor

## Independent Temperature Control Wherever You Need It

- ✓ Transport
- ✓ Storage
- ✓ Monitoring of chilled food

