

# Data Logger ML29



- 2 Channels
- Humidity & Temperature
- Memory 64 Kbyte (Up to 256 Kbyte)
- Data Exportable to Excel, Access

**Data logger ML29** is an instrument for recording the temperature and humidity values. The size of this minilogger is very small therefore it is convenient for a user to bring it everywhere and it come with the probe. Moreover, with the battery inside, a user can install it everywhere without the need for power supply.

This minilogger has its own software. The user has to use this software for setting its configuration for recording, transferring the data from the module to keep in the computer PC, and showing the data in the forms of tables and graphs. Moreover, the user can use this software to change the file of data to the CSV File which can be opened by Microsoft Excel.

## Specifications

### Serial Interface

**Serial Standard:** RS-232 Connector RJ12

**Distance:** RS-232 Length 15 m.

### Serial Parameter

**Baud Rate:** 19200

**Data Bits:** 8

**Stop Bits:** 1

**Parity:** None

### Input

**Number of Channel:** 2 Channels

**Input Type:** Humidity & Temperature

### Input Range:

Humidity (0 to 100 %RH)

*Accuracy:  $\pm 2\%$  at 10 to 90 %RH*

Temperature ((-)40 to 80 °C)

*Accuracy:  $\pm 1\%$*

**ADC Resolution:** 12 Bits

### Recording

**Storage Internal:** 64 Kbytes (256 Kbytes Optional)

**Recording Interval:** 1 sec - 18 Hours (Programmable)

**Record Mode:** Stop when full and Roll over

**Recording by:** Button SW

**Data Format:** Can be exported to MS Excel

**Data Capacity:** 16,380 Records that 64 Kbytes (2 Channels)

### Power Requirements

**Power Supply:** Battery 6.2 VDC @ 1 AH (Sanyo CR123A Lithium)

### Power Consumption

**Standby:** 30  $\mu$ A @ 6 VDC

**Start Record:** 500  $\mu$ A @ 6 VDC

### Environmental Limits

**Operating Temperature:** 0 to 55 °C

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70 °C

### Physical Characteristics

**Dimension:** W81 x H61 x D26 mm.

**Probe/Cable Length:** 245 x 800 mm.

**Probe Diameter:** 15 mm.

### Warranty

**Warranty Period:** 1 Year

**Ordering Information:** Specify Memory

Example ML29/64Kbyte

**Package Checklist**

- 1. ML29
- 2. RS-232 Cable

