



# SDL 5000/SD DATAHOG2+SD STORAGE

DataHog2+ is an easy-to-use high specification datalogger which uses a removable multi-media device for the data storage.

The DataHog2+ comes 'ready configured', saving valuable set up time with easy to connect sensors using plugs and sockets, so no need for complicated wiring into terminal connectors.

Any multi-media storage device (SD card) up to 32GB can be used. These devices are readily available and easy to replace if required.

Power is supplied from either a 12V battery, 12V power supply or solar panel and 12v battery.

The unit is fully sealed and suitable for outdoor installations. Skye offer a wide range of mounting accessories suitable for many different applications and locations.

Many PCs now have built-in multi-media card readers, and the data offloaded from the logger is a text file which makes for easy editing and manipulation of the data in many spreadsheet programmes. If your PC does not have a card reader slot, then inexpensive card readers which connect to the USB port on the PC can be purchased.



## DATAHOG2+SD SPECIFICATIONS

### Operating temperature

-20 to + 70°C

### Memory

Battery backed RAM, 1 Mbit

### Resolution

15 bits resolution

### Units

User definable scaling and units

### Communications

RS232C, ASCII output will communicate with any PC

### Power

12 volt battery with or without a solar panel. Internal 10 year lithium battery for data memory and channel configurations

### Inputs

Voltage - single ended or differential  $\pm 2\text{mV}$  to  $\pm 2\text{V}$   
Current 0-200nA to 0-400mA, Digital count, RH, 10k thermistor, Wind direction

### Outputs

4 optional independent electrical relay switches  
Open/close contact on user set conditions

### Modes

Each channel configured individually. Logging intervals: 10, 20, 30 secs, 1,2, 5, 10, 20, 30 mins, 1, 2, 3, 4, 6, 12 hours

Integration intervals- as for logging intervals above.

Transmit data at above intervals to RS232 whilst logging

Transmit data on demand from signal via Rs232.  
Stop/start logging time

### Clock

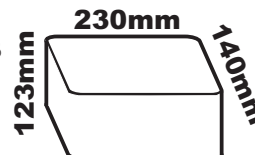
Real time year, month, date, time clock enabling synchronisation of several units. Clock backed by lithium battery

### Multi-media Card

Type SD or HSD Max 32 GB

### Weights & Dimensions

1.5 kgs



## ORDERING INFORMATION

### DataHog2+SD

SDL 5000/SD - datalogger with SD storage

\*please specify the number of channels required (1 - 16) when ordering

### Accessories

SKM 225A - Pole mount for the DATAHOG2+SD datalogger

SD - MultiMedia Card

SDR - SD Card Reader

ACC5-10W - 10 watt solar power supply - includes solar panel, regulator, 12V battery and all cables

GSM8 - 10 watt Solar Panel

BATT/12V- 12v battery & cover

## Skye Instruments Ltd

21, Ddole Enterprise Park, Llandrindod Wells,  
Powys, LD1 6DF, United Kingdom

TEL +44 (0)1597 824811

EMAIL [skyeemail@skyeinstruments.com](mailto:skyeemail@skyeinstruments.com)

WEB: [www.skyeinstruments.com](http://www.skyeinstruments.com)