DataHog2

- **Dedicated, accurate and reliable systems, which are easy to use, completely weatherproof, robust, durable and low cost**

- **User selectable logging and integration intervals, plus a 24 hour summary**

- **Multi-channel with a choice of voltage, current or digital count inputs**

- **Optional electrical relay outputs for switching or alarm facilities**

- **Battery operated with a choice of additional power supplies - solar and mains**

- **Optional SkyeLynx Software Packages**

- **Access via a portable PC, permanent cable link or GSM mobile phone remote data link**

- **Real-time clock for synchronization with other installations**

Softwares Available

- SkyeLynx Standard software supplied free of charge with all DataHog2 and MiniMet2 dataloggers. Allows logger setup, configuration and data download.

- SkyeLynx Auto software allows the automatic data download from a logger connected by a hard wire link, standard telephone line or cellular modem.

- SkyeLynx Deluxe software contains all logger set up and download functions plus data tabulating, summarising and graphing with a special windrose feature.
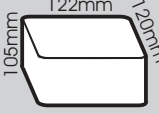
The Skye DataHog loggers have been available for several years as small easy to use devices suitable for many applications.

The DataHog2 has a large storage memory and extended battery life to allow long term projects to be monitored at remote sites, or short term logging at frequent intervals. The range of input types is varied - customers can use their own sensors or choose from Skye's range of precision sensors. Choose combinations of single ended or differential voltage, current inputs or digital count.

Channels can be individually programmed with logging interval and gain to suit each sensor type. Units for scaling are defined by the user for easy and straightforward operation. At user-set levels, the DataHog2 will give an electrical relay or alarm output from up to two different channels. There is also a timed start/stop function.

Supplied with a 'ready-to-go' package of batteries, datalead & Windows communication software

operating temperature	Housing	Mounting	Weight Dimensions	Connections	Memory	Resolution Units
-20 to + 70°C standard range (units for extended temperature range available)	Grey ABS-sealed to IP65.	Can be mounted in any position	1100g 122mm 105mm 120mm	Binder sub-miniature type 8 & 5 pin Sealed to IP65 when mated with plug or blanking cap	Battery backed RAM, 1 Mbit. e.g. 2-channels, 8068 recordings of each channel plus date and time	15 bits resolution User definable scaling and units

Communications	Power	Inputs	Outputs	Modes		Clock
• RS232C, ASCII output will communicate with any PC. • All units are supplied with a datalead and software for an IBM compatible PC. • Data offload at a baud rate of 9600 • Binary offload option • Instant 'wake up'	Standard: 6 x 'C' batteries (4-6 months) Internal 10 year lithium battery for data memory and channel configurations Optional: Mains Hog (mains power - 240 or 110V) Solar Hog (solar power)	• Voltage - single ended or differential ±2mV to ±2V • Current 0-200nA to 0-400µA • Digital count • RH • 10k thermistor • Wind direction	4 optional independent electrical relay switches open/close contact on user set conditions	• 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		Real time year, month, date, time clock enabling synchronisation of several units. Clock backed by lithium battery

ORDERING INFORMATION

A comprehensive list of part numbers with descriptions for the many DataHog datalogger options can be found in the price list. The following give some examples:

SDL 5050	1 channel DataHog2
SDL 5250	5 channel DataHog2
SDL 5800	16 channel DataHog2

Accessories

SKM 225	Pole mount for DataHog
SKLS 940/SKLS 950	SkyeLynx Auto and Deluxe Communications Software Package

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