

# DATALOGGERS

## RainHog



**Aerodynamic design for stability**



**Rugged and durable**



**Will automatically record for several months**



Skye offer a complete range of single or multichannel dataloggers, which are robust and easy to use. They are suitable for many applications of environment monitoring.

The RainHog is a single channel Helios datalogger which fits neatly into the base of the rain gauge, giving a complete system for logging rainfall. The logger is setup via a computer, and rain information can be stored every 30 minutes

(or other time intervals as preferred) or as 24 hour totals.

The ARG100 tipping bucket rain gauge has a rugged, aerodynamic design which is durable and corrosion free. Rain is collected and measured in 0.2mm 'buckets' which simply run out after being logged, so the RainHog can be left to record automatically for several months if required.

The RainHog can also be fitted with a temperature sensor so that both total rainfall and maximum, minimum and average daily temperatures can be recorded.

For further specifications on Helios loggers, the tipping bucket rain gauge and temperature sensors please ask for a separate brochure.

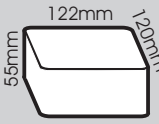
### SKYE INSTRUMENTS LTD

21, Ddole Enterprise Park, Llandrindod Wells, Powys, LD1 6DF, UK

Tel: +44(0)1597 824811 Fax: +44(0)1597 824812

Email: [skyemail@skyeinstruments.com](mailto:skyemail@skyeinstruments.com) Web: [www.skyeinstruments.com](http://www.skyeinstruments.com)



SPECIFICATIONS		DATALOGGER			
Operating temperature	Housing	Mounting	Weight Dimensions	Connections	Power standard options
-20 to + 60°C standard range	Grey ABS-sealed to IP65.	Can be mounted in any position	700g 	Binder sub-miniature type 8 & 5 pin, sealed to IP65 when mated with plug or blanking cap	PP3 battery (10-12 weeks) solar or 12v battery options
Communications	Memory	Inputs	Modes	Data	Clock
RS232C. All units are supplied with a datalead and Windows software	Battery backed RAM, 5000 recordings of each channel plus date and time	Raingauge Temperature	Channels log simultaneously. Logging intervals, 1, 5, 10, 15, 20, 30 mins, 1, 2 hours.	ASCII datafiles for easy import into Excel etc.	Real time year, month, date, time clock enabling synchronisation of several units. Clock backed by lithium battery

RAINGAUGE				
Housing	Dimensions	Tip Sensitivity	Outputs	Power Requirements
Vacuum formed from U.V. - Resistant Plastic	Funnel Diameter - 254mm (10.0 inches) Funnel Rim Height - 340mm (13.4 inches) Weight - 1000 grams	Standard setting 0.20mm of rain per tip; other setting 0.25mm, if required	Contact Closure	None

### ORDERING INFORMATION

#### Sensor

SDL 2538	Single Channel RainHog fitted into a raingauge, with batteries, offloading software and datalead
SDL 2560	Two channel RainHog fitted with a temperature sensor and into a raingauge, with batteries, offloading software and datalead

#### Accessories

RGB1	Levelling base plate for securing raingauge
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21, Ddole Enterprise Park  
Llandrindod Wells  
Powys LD1 6DF  
United Kingdom

TEL +44 (0)1597 824811

FAX +44 (0)1597 824812

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

WEB <http://www.skyeinstruments.com>

