



SDL 5050D RainHog2

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 DataHog2 datalogger, which fits neatly into the base of the raingauge, 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 raingauge 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 system can be solar powered and data downloaded via a mobile phone modem link for remote installations. 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 DataHog2 loggers, the tipping bucket raingauge and temperature sensors please ask for a separate brochure.



SDL 5050D SPECIFICATIONS

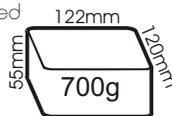
DataHog2 Datalogger:

Operating Temperature - -20 to + 70°C standard range

Housing - Grey ABS - sealed to IP65

Mounting - Installed neatly inside the raingauge or can be mounted in any position as required

Weight/Dimensions:



Connections - Binder sub-miniature

Type 8 & 5 pin, sealed to IP65 when mated with plug or blanking cap

Power Standard Options - 6 AA batteries (10-12 weeks) solar or 12v battery options available. ***PLEASE NOTE - BATTERY VOLTAGE IS NOT REPORTED BY THE LOGGER SOFTWARE**

Communications - RS232C. All units are supplied with a datalead, USB serial converter and Windows software

Memory - Battery backed RAM, 1 Mbit. E.g. 1 channel 11,000 recordings of rainfall, including date & time (32 weeks at 30 minute intervals)

Inputs - Raingauge / Temperature

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

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
- Event logging

Raingauge:

Housing - Vacuum formed from U.V. - Resistant Plastic

Dimensions - Funnel Diameter - 254mm (10.0 inches)
Funnel Rim Height - 340mm (13.4 inches)
Weight - 1000 grams

Tip Sensitivity - Standard setting 0.20mm of rain per tip; other setting 0.25mm, if required

Outputs - Contact Closure

Power requirements - None

FEATURES

Aerodynamic design for stability - Rugged and durable

Will automatically record for more than 6 months - Solar power options available

Logger fits neatly inside the raingauge - Mobile phone modem link option for remote installations

ORDERING INFORMATION

SDL 5050D - RainHog2 - Single Channel RainHog fitted into a raingauge, with batteries, offloading software, datalead & USB serial converter

SDL 5100D - RainHog2 - Two Channel RainHog fitted with a temperature sensor and into a raingauge, with batteries, offloading software, datalead & USB serial converter

Accessories

RGBI - Levelling base plate for securing the raingauge

Skye Instruments Ltd

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

TEL +44 (0)1597 824811

EMAIL skyeemail@skyeinstruments.com
WEB <http://www.skyeinstruments.com>