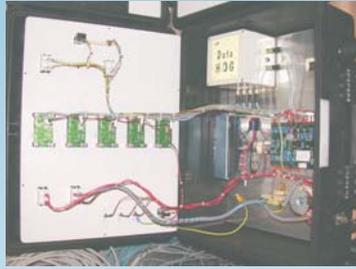




10 FEATURES ABOUT DATAHOG2 DATALOGGER THAT YOU MAY HAVE FORGOTTEN OR DIDN'T KNOW



DataHog is the name for the Skye family of DataLoggers. They are small, versatile, weatherproof, good value for money yet have a high specification. They are bespoke loggers, i.e. you specify the number of channels (max 16) and the type of sensor input. We build the DataHog for you and we configure it for you. Whilst we can offer communications and graphical software packages, the DataHogs do not require complicated software to either configure them or offload them. You can simply use Windows Hyperterminal.

The DataHog2

- Has up to 4 relay outputs for control applications. The relays are individually programmable to give a switch closure output above or below user set thresholds Of sensor measurements. E.g. to open / close windows at defined sunshine or temperature levels or at the onset of rain, to operate an alarm at high wind speed levels, to switch on irrigation at defined soil moisture conditions etc.
- There are 16 sensor channels, which can be selected from the following inputs: 16 (max) x current (for light sensors), 8 (max) x differential voltage or 16 (max) single-ended voltage, 6 (max) digital/pulse, 1 x potentiometer.
- Has 25 logging (software) channels. No limit on the number of software channels that can be allocated to a single sensor (hardware channel), e.g. for recording a parameter at different gains simultaneously to maximise resolution.
- Supplies a regulated 5V supply to voltage input channels only. There is a special power supply of 1.3 V nominal (each one individually calibrated) to windvane potentiometer channels
- Each channel can be set up independently with individual recording intervals from 30 secs to 12 hours
- Event logging option, i.e. record only when it rains. This eliminates the memory filling with zero values
- To save memory, channels can be disabled and there is a 'logging above & below a threshold' function, which can also save memory space.
- Has a range of gain settings to best optimise the measurement resolution, i.e. 0-2mV to 0-2V and 0-200 nanoAmp to 0-400 microAmp
- Has a software selectable ground reference on differential voltage inputs
- Has been specially designed to accurately measure current outputs direct from photodiode type light sensors, from full sunlight to low moonlight levels. Full incident solar radiation to narrow waveband reflected light.

Further details on the DataHog family can be found on our website www.skyeinstruments.com



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