



DATALOGGERS

Raingauge Event Logging

The Skye DataHog2 or MiniMet2 datalogger can be configured to record the actual time rain events occur if wished, instead of the more usual total rain per time interval logged. (It is possible to record both rain event and total rainfall simultaneously by setting up 2 software channels for the same raingauge hardware channels.)

If the sample and logging intervals are set to the minimum of 10 seconds and the logger set to record this channel on when the value is not zero (log on non-zero), then this will prevent the logger memory being filled up with lots of zeros when there is no rainfall, giving a maximum resolution of the rain event.

To setup the raingauge channel to 'Log on Non-Zero':

1. 'Wake up' the DataHog as usual to reveal the Main Menu.
2. Type 'D' to Set Channel for Non-Zero / Threshold log modes . (See Chapter 3.2.14 of the logger manual for details)
3. Enter the Software Channel number for the raingauge sensor
4. Choose 01 for Non-Zero only logging
5. Press any key to return to Main Menu mode
6. Press Escape to return to log mode

Set up both the sample and log / storage interval to 10 seconds for the raingauge channel using Option 8 from the main Menu as usual, to obtain maximum time resolution of the rainfall event.



SKYE INSTRUMENTS LTD

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

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

Email: skyeemail@skyeinstruments.com Web: www.skyeinstruments.com

