



MINIMET

Wind Speed Readings

WizzCom displays 'live' data from the DataHog or MiniMet at approximately 5 second intervals (the actual interval depends on the speed of the PC and the number of channels being displayed).

Wind speed measurements are usually stored in the logger in the format of 'windrun' (distance only). Display of windrun can be accurately displayed using the WizzCom Live Data Display feature.

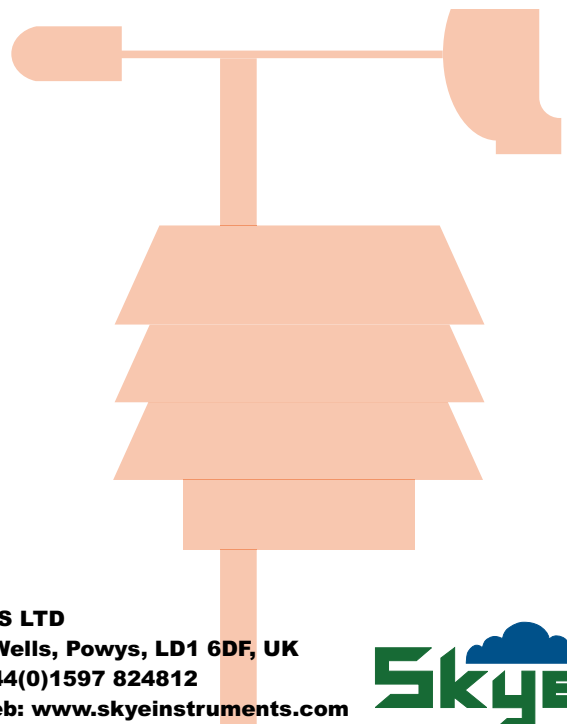
Some users prefer to set up their loggers to record in the format 'distance per time' (metres per second, miles per hour etc). This is calculated according to the SAMPLE measurement time interval, where the windrun distance is divided by the sample time. (When the logger is first set up, a Sample and Storage time is chosen for each sensor.)

To display a live 'distance per time' wind speed reading using WizzCom, it is necessary to make a mental calculation to adjust for the sample measurement time as follows:

Wind speed 'live' display = WizzCom 'live' display \times $\frac{\text{sample time (seconds)}}{5 \text{ seconds}}$

So, for a 10 second sample time, $10 / 5 = 2$
Simply multiply the displayed readings by 2.

To remind yourself to make this mental calculation each time Live Data Display is viewed, it may be a good idea to add the multiplication factor to the appropriate display box title. In WizzCom, click on File, Configure and Configure Live Data Display. Choose the wind speed Display Channel and add the multiplication factor to the text box. This will then be printed above the readings each time Live Data is viewed.



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