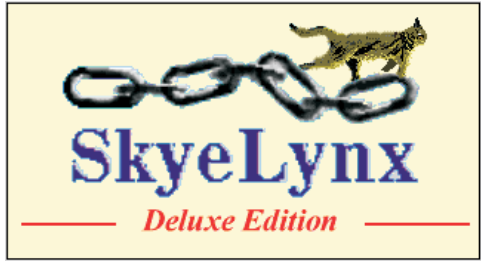




MINIMET



SkyeLynx Deluxe



Offload and Graphical Software



Compatible with DataHog2 and MiniMet2 loggers

SKYELYNX DELUXE Offload and Graphical Software is now available for the Skye DataHog2 and MiniMet2 loggers. It is compatible with Microsoft Windows 95, 98 and NT. This optional software enables users to offload the loggers, via direct cable link or remote GSM link, and manipulate the data collected using just a few clicks of the mouse button.

All newly ordered instruments are provided ready-to-use with SkyeLynx Standard communications software, for setting up of the logger parameters and offloading ASCII numerical datafiles. These files can be used with commercial spreadsheets for specialised calculations, graphing and tabulating as usual.

The SkyeLynx Deluxe version includes management of up to 25 logger systems, including all contact numbers for remote GSM links.

'Live' sensor readings can be displayed as digital meter type graphics, and historical data is easily produced using the calendar start / end date and time window as shown above.

A powerful yet easy to use graphing facility allows data to be analysed and printed. Preset graph options include normal line charts, a wind rose, daily totals of rainfall, degree days, megajoules per day or sunshine hours, with a facility for saving user default graph types for individual applications.

Summary tables give maximum, minimum, mean and total values for each time period selected, in daily,

weekly or monthly intervals. SkyeLynx Deluxe can also be used in conjunction with SkyeLynx Auto Offload software, especially useful for the automatic download of weather data via GSM remote link and taking advantage of off-peak call charges.

All data is stored on the PC's hard disk in ASCII numerical format, compatible with other software packages.

Graph Setup

Starting Date: January 2000, Ending Date: 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Starting Time: 00:00:00

Wind Rose for Hog on hill

Scale (m/s): 2, 2, 2, 2, 1, 1, 1, 0, 1, 1, 1, 2, 2, 2, 2

Wind Data

N	13.3 %
NNE	0.0 %
NE	0.0 %
ENE	0.0 %
E	0.0 %
ESE	0.0 %
SE	0.0 %
SSE	0.0 %
S	4.3 %
SSW	4.3 %
Sw	0.0 %
WSW	4.3 %
W	4.3 %
WNW	4.3 %
NW	8.6 %
NNW	30.4 %
NNW	30.4 %

Source Details

Instrument Name: Hog on hill

Starting at: 29/7/1999

Ending at: 31/7/1999



SKCS 950 SKYELYNX DELUXE SOFTWARE

PC Operating System	Windows 95 / 98 / 2000 / NT / XP Professional / Vista
Minimum PC Specification	496 processor 8 Mb RAM 40 Mb Hard Disk Space VGA monitor
Recommended PC Specification	Pentium 2 processor or better 32 Mb RAM 40 Mb Hard Disk Space Quality hardware modem – internal or serial interface (not a budget software modem) SVGA monitor
Instrument Profiles	The program allows the user to create 25 unique profiles, each one containing details on a DataHog / MiniMet system. Each profile contains the connection details for the station - e.g. phone, Cable link (Direct to Com Port), phone / pager numbers if required, and the Datafile Identifier. The profiles can also be setup to contain names of each of the configured software channels, as well as physical details about the individual loggers e.g. the values of the feedback resistors in the device (which are device specific) to allow for accurate configuration of the logger.
Data Off-Loading	Using one of the profiles you can quickly instruct the software to retrieve the data from one of the loggers by means of a Fast Data off-load. This operation consists of pulling the data off the logger in binary format to allow for quick Data Transfer and hence minimise the time spent on-line to the logger. Data is stored as day files to allow for easy organisation and also as a backup composite file to allow for exporting to other packages, and also simply for security. All files that are created are in ASCII format.
Data Conversions	Conversions are supplied to allow files created in Skye WizzCom to be imported into SkyeLynx Deluxe, and visa versa. Also allows users to group together a block of individual day files into one composite ASCII file, and visa versa.
Live Data	Routines to allow users to display data in real time, either every time the Logger records a reading - e.g. every half an hour, or at 10 second intervals. With the latter, data is stored on the PC's hard disk as it is received, and then decoded and inserted into the relevant day files, eliminating loss of data. Up to nine channels can be displayed at any one time, however, if you have more than nine channels you can easily flick between the actual nine that are being displayed.
Configuring the Logger	Allows user to configure the Software channels, Logging / Sampling intervals, Alarm settings, Datafile Identifier, and Alarm relays quickly and easily. Then choose to upload these new settings to the logger immediately, or at a later time.
Graphs	Allows for the plotting, of Daily Totals, Degree Days, MegaJoules per Day, Sunshine Hours and a WindRose. Data can be plotted over any length of period. Up to 10 lines can be plotted on each graph, each one containing data from the same or different instrument / Channel and over the same or different dates / times. Multiple graph types supported including Line, Bar, Pie, Scatter, etc. as well as 3D graphs. Flexible graphing options allow user to customise Titles and Axis labels. Graph setups can be saved and re-loaded at any time.
Summaries	Data can be summarised and compared in the same table or set of tables over the same or different times / dates for the same or different instrument / Channel. Allowing users to compare any reading from any instrument over any dates. Up to 25 individual instruments / Channels can be compared in each summary. Summary setups can be saved and re-loaded at any time.

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