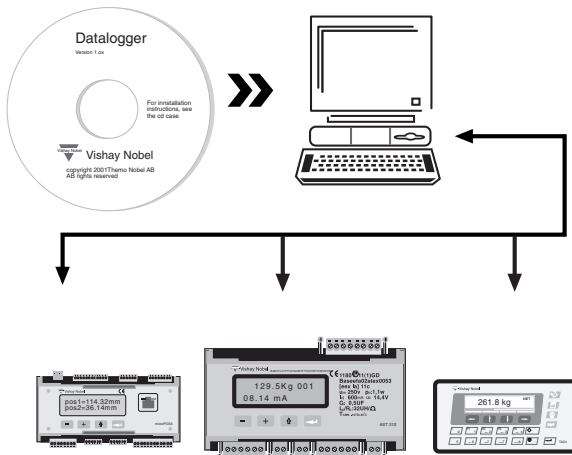


PC software Datalogger



FEATURES

- Datalogger is a plotting and logging utility program
- Can be used in conjunction with any of Nobel's instrument with a "modbus" communication port (i.e AST3, WST3, TAD3, microPOS, WEI...)
- Runs under Windows 95/98/NT4/Me/2000/XP

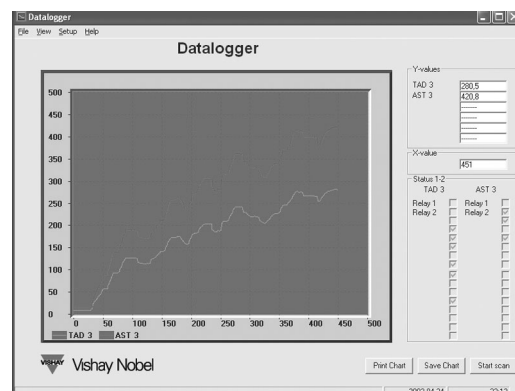
Basic functions includes

- Plot up to 6 curves in one graph.
- Plot mode can be either y/t or x/y.
- Can plot up to 2000 points (per curve) in each scan.
- Time between each point can be set between 0,05 and 65 s.
- A scan can be started manually, or be triggered on a value or a registers bitpattern.
- Stop of scan can be done manually, or be triggered on a value or a registers bitpattern.
- Six statusregisters (bit related) can be shown and each bit can be given a name.

- The graph can be zoomed, scrolled and saved to disk in two different formats. One format is a "datalogger file format" (.dlo) that can be opened and recreated in the datalogger graph window, and the other format is the Portable Network Graphics (.png) format, that offers a lossless compression of the bitmap and that can be imported in many other programs. The file name is derived from the system date and time (YYYY-MM-DD HHMMSS.dlo or YYYY-MM-DD HHMMSS.png) and the files are saved in the folders specified under the menu Setup.
- Two cursors can be freely placed in the graph, and the dy, dx is shown.

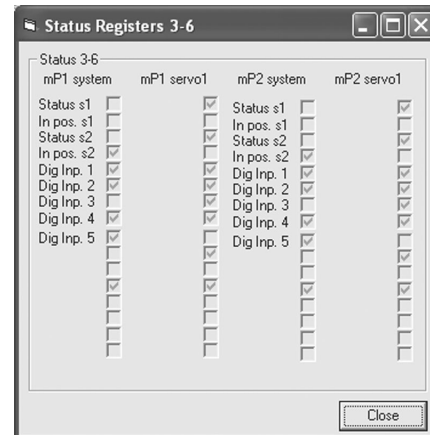
DATALOGGER (Main window)

Here you can run and monitor the plotting activities save/load and analyze graphs. You can also view the current values and the first two status registers



STATUS REGISTERS 3-6 (menu View)

Here you can monitor separately all bits of 4 additional status registers. The registers as well as all the bits are configured with their own names.



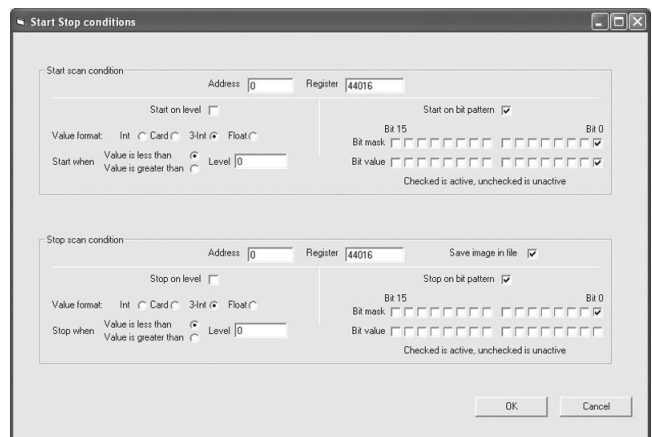
PARAMETERS (menu Setup)

Here you set up the data for the six different curves, as well as for the x-axis, the initial data for the graph window and the time resolution that should be used.



START STOP CONDITIONS (menu Setup)

Here you can set the conditions (value or bit pattern of a register) that starts and stop (incl. saves) the curve plotting



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