

DataLogger II

V5.6

By 0x34

I wrote this program to monitor the input of an RS232 Serial Port and graphically log all activity. It acts and operates just like a Digital Storage Oscilloscope, capable of logging up to 5 hours in one file. It has real time cursors, displaying amplitude, time, time position and frequency.

The program monitors a selected Comm Port and records the digital values sent to it (Range 0 ~ 255). It runs in two clock modes (Horiz step modes) selectable by the user. It does not send anything out the comm. port (It reads the port only).

All files are saved as DataLogger Files (*.dlg). You can save either an image (screenshot) of the display window or the whole program (form). You can use the On Screen Display (OSD) function to include all cursor data in a display window save. Files are saved in “.bmp” format.

The print function will automatically print a landscape image of the screen. It will include all cursor data in the print. This is based on your computers default printer and paper configuration. It works fine with standard 8”x11” paper.

I haven't had the time to create an operator manual. But, the program is intuitive and if you experiment by clicking (both left & right mouse buttons) on buttons and in the display windows, you'll discover a lot of functionality.

Version 5.6 has a new “*QuickZoom*” feature added, which allows you to zoom to any portion of the sample from the lower view window by clicking the right mouse button and dragging a box around the area to be viewed. I've also added timing abilities during Zoom. There were several other timing and graphics bugs removed. This version is by far the most complex and bug-free yet.

This is a fully functional program which will allow you to hunt bugs and/or test your embedded micro projects with ease. This program and its included Source Code are Shareware. If you want to let me know how much you like it, you can send a donation (any denominations) to:

Ken Slater
215 West Elm Street
Lodi Ca.
95240