



Data Link Monitor (DLM) software is an application designed for engineers in the design, development, and validation of interfaces to in-vehicle networks utilizing CAN, SAE J1939, J1708, J1587, J1922, and J1850 (VPWM) protocols. DLM may be used with any of our Dearborn Protocol Adapter (DPA) series. Compatible with the latest OS Vista, it is backwards compatible with Windows XP, 2000, NT, 98, and 95.

Features:

sending, receiving, filtering, multiple triggering

of user-defined messages (valid, and invalid, for bus validation and error detection procedures)

flight recording and real-time playback

(limited only by host PC's hard drive memory capacity)

common windows

for simultaneous display of J1939 and J1708 transmissions, with corresponding timestamps

file export

to NAS, for J1939 message translation

real-time playback

of messages back out over connection networks

comma-delimited format

for saved logged files for easy integration into off-the-shelf data tools (e.g. spreadsheets)

file conversion

of Network Analyzer Software (NAS) .log files, in ASCII format, to DLM (decimal).dgd file format, for opening in Microsoft Excel and for use with DLM applications

flagging

of J1939 (ID) and J1708 (MID/PID) messages

convenient utilities

counter to record the total number of J1939 and J1708 messages received/transmitted, a window ID number for keeping track of multiple open windows, a mechanism for copying single or block messages from the display window(s), and auto or manual check

TRANSMIT/RECEIVE features

simple interface

for selection of protocol, display format, etc.

real-time display

of J1939 and J1708 messages in the samewindow (up to eight receive windows/fourtransmit windows at a time)

simultaneous logging

of J1939 and J1708 messages to the same file (up to eight files at a time)

easy opening of log files

in Microsoft Excel for viewing and editing

filtering

of J1939 and J1708 messages, with easy-to-use options window for filter parameter configuration

DLM Playback features

.dgd format files

created by Receive logging

real-time display toggle buttons

for Start/Stop, Pause/Resume, and Format/Display/Clear Text functions

convenient counter

for keeping track of transmitted J1939, and J1708 messages

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Dearborn Group Inc. is a leading provider of technology for in-vehicle and automation networks. We provide hardware and software products, test equipment, consulting services, and various training seminars.

