

# CAN Newsletter Online

CAN DATA-LOGGER

## *Comes with USB and Wifi connectivity*

CSS (Denmark) has developed the CANLogger3000. It stores the recorded data on a 16-GiB SD-card.



*The CAN interface is accessible at a 9-pin D-sub connector (Photo: CSS)*

The logged bus traffic can be transferred via Wifi at up to 70 Mbit/s or via USB. In station mode, the data-logger is able to connect to a Wifi hotspot – e.g. a router, smartphone hotspot, or mobile truck hotspot. This makes it suitable for logging CAN frames, J1939 messages, or OBDII messages.

The FTP push mode allows the logger to push log files to an FTP server, when the tool is connected to a hotspot. This enables the user to collect continuously data across e.g. hundreds of loggers. With the free-of-charge CANvas software, the user can convert (using \*.dbc files) and merge the data.

The data-logger offers configuration possibilities such as frame/message filtering, down-sampling, automatic bit-rate detection, cyclic-logging, heartbeat signal, and runtime logging control. A recently added feature is the ability to transmit up to 20 customer-specified CAN messages (for e.g. OBDII logging) and a serial interface letting the logger act as a wired CAN interface for streaming real-time data (incl. integration with Wireshark via CANvas). The tool configuration can be done on a PC and requires no special software – or via the CANvas software. To simplify configuration and to test the CAN connection, the device display the CAN traffic in real-time on a PC using the USB-connection.

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