CANCrocodile - Contactless CAN Bus, SAE J1939, FMS, OBD-II, And SAE J1708 Reader

Copperhill Technologies announced the release of the CANCrocodile product line of contactless CAN Bus readers for vehicle telematics, GPS tracking systems, and monitoring of various CAN Bus parameters.

GREENFIELD, Mass. - Dec. 13, 2019 - *PRLog* -- The CANCrocodile product line was designed for secure and reliable data reading from a vehicle CAN Bus network. The contactless reader can be used for vehicle telematics, GPS tracking systems, and for monitoring various CAN Bus parameters of vehicle operation such as speed, RPM, oil pressure & temperature, fuel volume & consumption, and more.

The data reading takes place without electrical connection and without damaging the CAN Bus wires. CANCrocodile works in "listen-only" mode, i.e., it does not change the original CAN Bus or SAE J1939 messages, and it does not transmit any signals into the CAN Bus.

The principle of the Crocodile's operation is based on reading the electromagnetic field that is formed around the wires during the signal passing. All Crocodile contactless readers have a built-in voltage regulator, which allows to power the reader from the on-board electrical network of a vehicle without using any power adapters.

CANCrocodile does not damage the wires and their isolation, and it has no direct electrical contact with the CAN Bus. The data reading takes place in a contactless method – CANCrocodile detects the magnetic field around CAN-High and CAN-Low wires.

Further options include the 1708Crocodile, a contactless SAE J1708 Bus reader, and the FMSCrocodile, a contactless FMS (Fleet Management System) gateway.

The FMSCrocodile contactless gateway securely monitors CAN bus data without any electrical contact with the CAN wires, and it automatically generates and sends FMS and Telematics messages to its output CAN 2.0B interface (SAE J1939 Standard). Thus, telematics unit configuration is simple since irrelevant

data from the bus is filtered, and the gateway transmits only useful information for vehicle telematics applications.

More Information...

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