

Case Study #1

CAN Shark: Analyzer + Data Logger

**MADE IN
INDIA**



Key Features

- Real-time CAN Bus analysis
- Configurable SD card-based data logging
- Compatible with industry tools like BUSMASTER and Python
- Real-Time Updates
- IP65-rated enclosure for field use
- Dual-functionality: Analyzer + Data Logger in one unit

Overview

Modern automotive systems rely heavily on CAN (Controller Area Network) communication for diagnostics, control, and performance monitoring. While the CAN analyzers are common, most tools lack a standalone data logging feature which is crucial during field testing.

Digital Shark identified this opportunity through direct interactions with automotive OEMs and field trials. The result was the evolution of CAN Shark a compact, rugged device that combines real-time CAN Bus analysis and SD-Card data logging, addressing both development and on-field compliance needs in a single tool.



www.digitalspark.in

info@digitalspark.in

+91-74117 42565 / +91-96322 31004

Nagarbhavi, Bengaluru, India



Case Study #1

CAN Shark: Analyzer + Data Logger

Applications

- Automotive R&D and validation
- Field testing and diagnostics
- ECU communication monitoring
- CAN protocol development and debugging
- Industrial automation

Success Story: Field-Driven Innovation

When initially introduced, the CAN Shark served as a analyzer—a diagnostic tool for capturing and interpreting CAN traffic. However, during early adoption by automotive OEMs, it became evident that offline, standalone logging was a critical missing feature, especially for long-duration road tests and field evaluations. Through feedback loops and collaborative trials with these OEMs, Digital Shark developed a configurator tool to define logging parameters and integrated an SD card-based logging feature directly into the device.

The result? A 2-in-1 solution—combining the strengths of both a high-performance analyzer and a rugged CAN data logger, in a single unit. This integration significantly reduces the toolchain complexity and cost for development teams and OEMs across various industries.

Impact

By bridging the gap between live analysis and standalone data capture, CAN Shark has enabled:

- Faster development cycles for automotive teams
- Simplified toolkits for diagnostics and compliance
- Cost-effective and compact alternatives to traditional dual-device setups

Today, CAN Shark stands as one of the very few tools in the market that offer this unique dual capability—setting a new standard in CAN communication tools.

