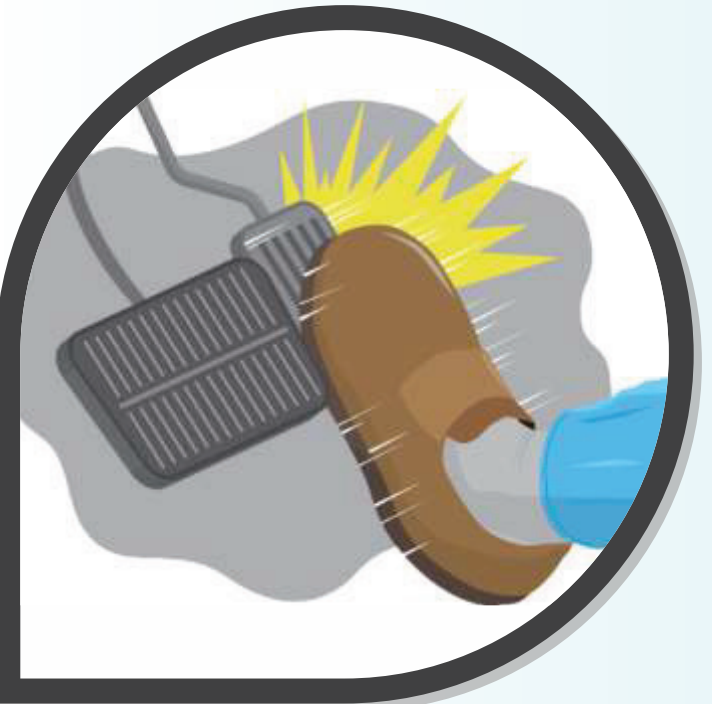


# BRAKE TESTING DATA LOGGER

Data Logger for Brake Testing requirements with the ease of logging Analog, Digital, GPS speed and CAN. In the brake's performance test, MFDD (Mean Fully Developed Deceleration), Stopping distance, and Deceleration are the most important characteristics of the vehicle, which characterizes the behavior of the vehicle while driving and braking.

- *Standalone data recorder for Analog and CAN 2.0 measurements*
- *MFDD, Stopping Distance and Deceleration for each brake on viewer module*
- *Speed measured from GPS or Vehicle CAN*
- *Live dash display for critical parameters monitoring*

## APPLICATIONS



**The following parameters are measured and logged while performing the brake testing:**

- Brake pedal force
- Speed from GPS or CAN OBD
- Deceleration
- Acceleration and Gyro measurements
- Brake pressure, pedal travel and temperature, as an option
- Strain gauges with CAN output as an option



# Data Logger – Analog, Digital and CAN

- Analog module: 8 Analogue inputs with variable input sampling rates, 1KHz for each channel
- CAN module: 2x CAN 2.0/ CAN FD buses
- GPS module, Gyro and Accelerometer system
- 32GB eMMC storage -security data
- PWM inputs, Thermocouple inputs, optional
- Regulated +5V and +24V output power supply for external sensors
- Programmable dash display for live monitoring
- Plug and play



## BRAKE TESTING DATA LOGGER CONFIGURATION



## MFDD Viewer Module



MFDD viewer module MFDD (Mean Fully Developed Deceleration), is one of the most important characteristics of the vehicle, which characterizes the behavior of the vehicle while driving and braking.

- Instant monitoring and evaluation of MFDD, Stopping distance and Deceleration
- Trigger based logging from pedal force sensor
- Additional parameters such as pressure, temperature, travel, speed etc. can be measured
- Customized template report provided

