HIOKI

Introducing a New CAN Unit for the Memory HiLogger LR8450

Make CAN Measurements with a Logger

- ✔ Simultaneously observe analog data such as voltage and temperature along with CAN data in real time.
- ✔ Receive CAN signals wirelessly.
- ✔ Enjoy unified management of CAN data and analog data on existing systems.

U8555 (plug-in unit)   **LR8535** (wireless unit)

Receive CAN/CAN FD: acquire up to 500 channels of data with a single unit

| Send CAN/CAN FD: as quickly as 1 ms | Measure CAN data wirelessly and operate on battery power |

LR8450-01

CE   3 year Warranty

CAN INPUT

Plug-in unit

Wireless unit

For illustrative purposes only

ECU · GPS · Radar · Onboard camera · ECU · Instrument panel · Brakes · ECU · Steering angle · Wheel speed · ESP · Engine · G sensor · Throttle · ECU · Wheel speed · Water temperature gauge · Air-conditioning control · ECU · Radar · TCS · Wheel speed · ECU

SP7001-95 (option)

Graph CAN signal information and analog data simultaneously

CAN signals are converted into analog waveforms and graphed in real time. Simultaneously review waveforms for analog data such as voltage, temperature, and strain along with information acquired from the CAN bus such as vehicle speed and engine RPM.
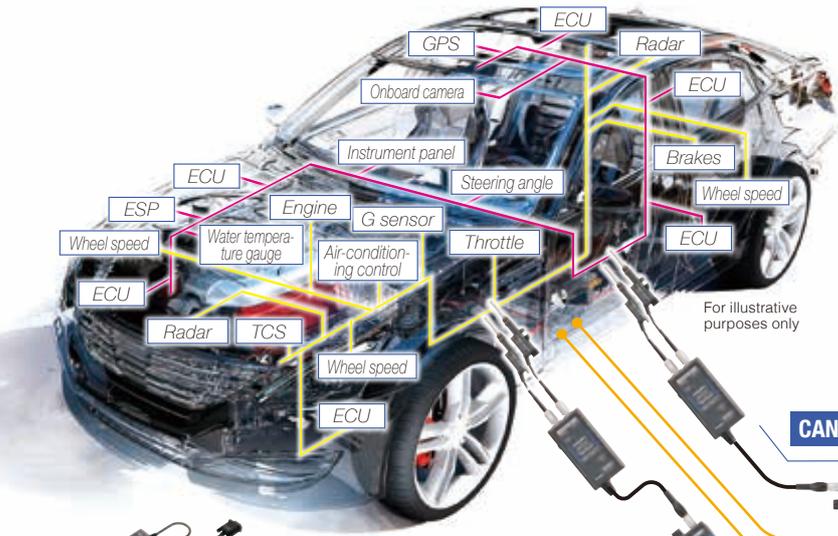
CAN input — Acquire information such as engine RPM and vehicle speed.

Measure temperature and vibration in the vehicle.

USB power

Receive CAN signals using a contactless, wireless setup!
Wireless CAN Unit LR8535 + Non-Contact CAN Sensor SP7001-95

Supply power from the battery-driven wireless unit to the Non-Contact CAN Sensor SP7001-95 via USB to implement a wireless CAN measurement setup that requires no external power supply. (The system can operate for about five hours on battery power.) Since no ECU analysis tools or computer is required, the setup takes little space and can be used to reduce the amount of wiring needed for driving tests.

WIRELESS CAN UNIT LR8535

Battery power

Measuring Unit

CAN UNIT U8555

CAN OUTPUT

Plug-in unit

ECU · ECU · ECU · ECU

CAN

Unified management as CAN data on existing systems
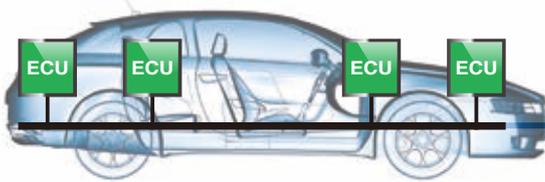
Capturing measurement data

Measure temperature and vibration in the vehicle.

CAN output

Output data measured by the unit as CAN signals.

Measuring Unit (plug-in unit)

CAN UNIT U8555
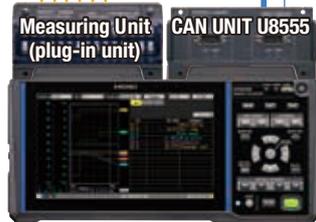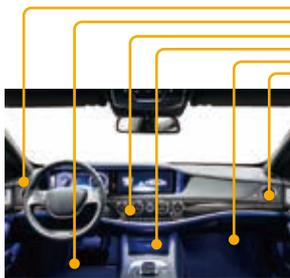
Enjoy unified management of CAN data and measured analog data on existing CAN systems!

Send analog data measured using a wired unit over a CAN bus. This capability lets you integrate reliable data acquired using calibrated instruments with data on the CAN bus and upstream systems to realize unified management.

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