



瑞麗系統科技有限公司
SwiSys Co., Ltd. Taiwan

F1902-017

輕型車用診斷橋接器

CAN Bus OBDII Bridge for LD Vehicles

Features



- ✓ Supports both CAN 2.0A and CAN 2.0B (ISO 11898)
- ✓ Meet the OBDII (ISO 15765) standard
 - SPD, TMP, RPM, TPS, O2, IAT, VIN, etc.
 - DTC Codes (Powertrain, Body, Chassis, Network)
- ✓ **Optional Interfaces: UART, BT, USB, 3G, 4G, LoRa, NBIoT**
- ✓ Provide standard command set to access standard OBDII data
- ✓ Can provide SwiSys proprietary command set to access non-OBDII data
- ✓ Can provide ESG based data processing for fuel economics calculation
 - Instantaneous
 - Trip/Point to point
 - Idle time
- ✓ Can provide additional command set for transmitting CAN messages into vehicles
- ✓ Optional Contactless CAN Probe
- ✓ Compliance with the automotive EMS test level:
 - BCI (ISO 11452-4)
 - EFT (IEC 61000-4-4)
 - ESD (IEC61000-4-2)
- ✓ Can provide Integrated BT SDK/API for App development
 - iOS and Android
- ✓ Experienced brand:
 - Mercedes Benz, BMW, Ford, Honda, Hyundai, Lexus, Luxgen, Mitsubishi, Nissan, Mazda, Toyota, Volkswagen, Volvo, etc.

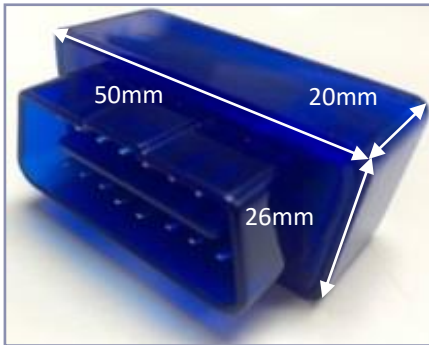
Applications | fleets, vehicles, and drivers



- ❖ ESG Based Fleet management
 - Driver/Emission/Vehicle health condition..
- ❖ ADAS (Advanced Driver Assistant System)
- ❖ Vehicle Diagnosis/Maintenance
- ❖ GPS Navigation Assistance
- ❖ Vehicle diagnosis & maintenance
- ❖ In-vehicle infotainment (IVI)
- ❖ Vehicle-to-vehicle (V2V) communications



Specifications



(The housing can be customized)

Operation Voltage	DC 9V to 25V
Standby/ Operation Current	3mA / <60mA
Operation Temperature	-20 to +70°C
Bluetooth Protocol	3.0 SPP + BLE
Dimensions	50*20*26mm
Weight	35g

Main parameters:

Engine RPM, engine load, coolant temperature, fuel state, vehicle speed, intake manifold pressure, intake air temp., air flow rate, absolute throttle position, oxygen sensor voltage, fuel pressure, show diagnostic trouble codes, clear diagnostic trouble codes, etc.

Possible Non-OBDII parameters (model dependent):

Mileage, shift, steering wheel angle, brake state, state & control (front/real/flash light, window, door), etc.

Related Products



- OBDII Data Recorder/Log
- CAN/OBDII Signal Generator
- CAN to UART converter
- SAE J1939 Bridge
- CAN Bus EVB & ECU



OBDII Data Recorder/Log



CAN/OBDII Signal Generator

❖ Educational Services:

- CAN Bus (ISO 11898)
- OBDII (ISO 15765)
- J1939



Stay in touch and let us help you find a solution!

www.swisystem.com

CAN/OBDII/J1939/LIN Solution Provider

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