



瑞麗系統科技有限公司
SwiSys Co., Ltd.

F1902-014

車用診斷橋接器 CAN Bus OBDII Bridge

Features



- ✓ Supports both CAN 2.0A and CAN 2.0B (ISO 11898)
- ✓ Meets the OBDII (ISO 15765) standard
 - Can query *SPD, TMP, RPM, TPS, O2, IAT, VIN, etc.*
 - Can query *DTC Codes (Powertrain, Body, Chassis, Network)*
- ✓ Can read other Non-OBDII CAN frames for further diagnosis of vehicle
- ✓ Can provide additional info for value-added processing on raw data
 - Fuel economics
 - *(between two locations/per fixed distance travelled/instantaneous)*
- ✓ Provides UART Interface for BT, WiFi, 3G/4G, DSRC, NBIoT integration
 - Compatible with ELM327 command set
 - SwiSys proprietary command set
- ✓ Passes the automotive reliability tests:
 - BCI (ISO 11452-4)
 - EFT (IEC 61000-4-4)
 - ESD (IEC61000-4-2) Level A test requirements
- ✓ Abundant MCU/CPU firmware library
 - For secondary development/integration
- ✓ Integrated BT SDK/API for app development
 - iOS and Android

*Verified vehicles include: Mercedes Benz, BMW, Ford, Honda, Hyundai, Lexus, Luxgen, Mitsubishi, Nissan, Mazda, Toyota, Volkswagen, Volvo...etc.

Applications | fleets, vehicles, and drivers



- ❖ Fleet management
- ❖ Vehicle-to-vehicle (V2V) communications
- ❖ GPS Navigation Assistance
- ❖ Vehicle status management
- ❖ Vehicle performance log
- ❖ Vehicle diagnosis & maintenance
- ❖ In-vehicle infotainment (IVI)
- ❖ Vehicle pollution monitoring
- ❖ Driver behavior analysis



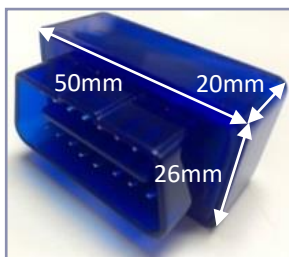


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公司產品與服務 Our Products & Services

❖ Product 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

❖ Solutions/Modules:

- CAN to UART
- OBDII Bridge
- J1939 Bridge
- NMEA 2000
- CAN Bus EVB & ECU



OBDII Data Recorder



CAN Signal Generator

Monitorable vehicle parameters (non-exhaustive):

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.

Additional parameters to monitor and control (customizable):

Mileage, gear, steering wheel angle, break state, light state, door state, fuel consumption, window control, light control, etc.

❖ Educational Services:

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



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

www.swisystem.com

OBD II/CAN/LIN Solution Provider

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