



AD20 PRO

Advancer AD20 PRO is a smart OBD dongle based on Bluetooth. With the dongle and app, it provides health check, fault diagnostic, driving habits and trip recording services.

VEHICLE DIAGNOSTIC

Advancer AD20 PRO can read fault codes stored inside vehicle ECU and categorize them by fault types. Advancer supports standard OBDII protocols and the AD20 PRO provides OEM-Level diagnostic services for your vehicle.

OBDII LIVE DATA

When the vehicle is running, Advancer will show various parameters on the vehicle (battery voltage, coolant temperature, engine rev...) that can help you judge vehicle status and working conditions.

MAINTENANCE LIGHT RESET

Reset the maintenance light after vehicle repairs.

TRIP RECORDER

Advancer can record the distance, average speed, and fuel consumption when driving and will show this information on the app.

FUNCTION LIST

Product Model	AD20	AD20 Pro
OBDII diagnostics(Read / Clear DTCs)	✓	✓
OBDII live data	✓	✓
Full system diagnostics(Read / Clear DTCs)		✓
Engine diagnostics(Read / Clear DTCs)	✓	✓
Maintenance light reset		✓
Trip recorder	✓	✓
Driving behavior analysis(Sharp turns / brakes)	✓	✓
Smog Check	✓	✓
Carbon build-up test	✓	✓
Battery test	✓	✓
Performance test	✓	✓
Smart Dash	✓	✓

SPECIFICATIONS

Processor	ARM Cortex-M4	Sleeping Current	100mA 12V
Interface	OBDII standard interface	Working Temperature	-20~60°C
Bluetooth	BLE 4.2	Power Consumption	≤1W
Working Voltage	9V - 16V	Support Bus	CAN_BUS, K_LINE, L_LINE, SAE-J1580-VPW SAE-J1580-PWM
Working Current	100mA 12V		

MORE DETAILS

OBD check result

Warning, 12 fault codes found. Please click [Fault details] to check descriptions and help on repairing.

Fault details

- P0101 Mass or Volume Air Flow Circuit Range/Performance Problem
 - DTC code: P0101
 - Critical level: 2 🔞
- P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
 - DTC code: P0109
 - Critical level: 1
- P0202 Injector Circuit Malfunction Cylinder 2
 - DTC code: P0202
 - Critical level: 2 🔞
- P0210 Injector Circuit Malfunction Cylinder 10
 - DTC code: P0210
 - Critical level: 2 🔞

In-depth check

OBD live data

0 km/h (Current speed)

788 rpm (Engine rev)

68 °C (Coolant temp.)

0 kPa (Fuel Pressure (gauge))

102 kPa (Intake Manifold Absolute Pressure)

740 rpm (Engine RPM)

0 km/h (Vehicle Speed Sensor)

2.5 °C (Ignition Timing Advance for #1 Cylinder)

30 °C (Intake Air Temperature)

115.84 g/s (Air Flow Rate from Mass Air Flow Sensor)

3.5% (Remaining fuel)

11.5 V (Battery voltage)

31 °C (Intake temp.)

0.0% (Throttle position)

102 kPa (Intake pressure)

Steering & Brakes

Start your smart OBDII car life

Service offered by Advancer Smart Diagnostic Server

Check more sensor data ►

Start your smart OBDII car life