

For B2B Wholesale / OEM / ODM Customers – V529 is a handheld OBD-II/EOBD code reader with 600+ live data items, 40,000+ DTC library, Special Tests (Performance, Carbon Deposition, Fuel, Air Flow), AutoVIN, Battery Test, Quick Inspection Report with QR, and 12-language UI.



Highlights

- ✔ Handheld OBD-II/EOBD code reader for passenger vehicles; powered via the 16-pin DLC/OBD port (DC 9-16 V).
- ✔ OBD diagnosis functions: Read Codes, Clear Codes, Freeze Frame, I/M Readiness, Vehicle Information, Live Data Stream.
- ✔ Supports OBD test modes including Mode 6, O2 Sensor Test, and EVAP Test (Mode 8) where supported.
- ✔ Special tests: Performance Test, Carbon Deposition Detection, Air Flow Detection, Fuel Test.
- ✔ Fast keys: F1 (I/M Readiness), F2 (Carbon Deposition), BAT (Battery Test).
- ✔ Live data stream supports up to 600+ parameters (vehicle-dependent).
- ✔ Built-in DTC lookup library: 40,000+ entries (spec.).
- ✔ AutoVIN and DTC repair-solution guidance for multiple vehicle series (firmware/vehicle dependent).
- ✔ 2.8" color screen; multi-language UI (12 languages; DTC/repair-help content may be limited in some languages).

Dimensions

177 × 95 × 27.3 mm
Weight: 337 g (product) / 450 g (with pkg)

Key Specifications

Display	2.8" color screen	MCU	APM32E103VET6
Power supply	DC 9-16 V (vehicle DLC/OBD port)	Current	Working: 41-63 mA; Standby: 53 mA
Operating temp.	-20 to 60°C	Storage temp.	-20 to 60°C
Dimensions	177 × 95 × 27.3 mm	Weight	337 g (product); 450 g (with pkg, spec.)
Interface	Standard 16-pin OBD-II DLC	Live data	600+ items (vehicle-dependent)
UI languages	English, Deutsch, Français, Español, Italiano, Portuguese, Russian, Dutch, Chinese, Japanese, Polish, Arabic		

Supported OBD-II Protocols

- ✔ SAE J1850 PWM (41.6 Kbaud)
- ✔ SAE J1850 VPW (10.4 Kbaud)
- ✔ ISO 9141-2 (5 baud init, 10.4 Kbaud)
- ✔ ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
- ✔ ISO 14230-4 KWP (fast init, 10.4 Kbaud)
- ✔ ISO 15765-4 CAN (11-bit ID, 500 Kbaud)
- ✔ ISO 15765-4 CAN (29-bit ID, 500 Kbaud)
- ✔ ISO 15765-4 CAN (11-bit ID, 250 Kbaud)
- ✔ ISO 15765-4 CAN (29-bit ID, 250 Kbaud)

In the Box

- ✔ V529 diagnostic tool ×1
- ✔ User manual ×1

Main Functions

Standard Diagnostic Functions (9 items):

- ① Read codes
- ② Erase codes
- ③ Freeze frame
- ④ I/M ready status
- ⑤ Vehicle information
- ⑥ Data stream
- ⑦ Mode 6
- ⑧ Oxygen sensor test
- ⑨ Mode 8

Special Test Functions (4 items):

- ① Performance test
- ② Carbon deposition
- ③ Air flow detection
- ④ Fuel test

Additional Functions: Test Report • Battery Test • Fault Code Query • Repair Assistance Solutions

Notes

For OBD-II/EOBD vehicles with a standard 16-pin DLC. Function and data availability varies by vehicle model/year/ECU. Some advanced items (e.g., AutoVIN, repair assistance, cloud print) depend on firmware version and vehicle support.