

For B2B Wholesale / OEM / ODM Customers – V521 is a handheld OBD-II/EOBD diagnostic tool for 12 V passenger vehicles. Features 40,000+ DTC library, Cloud Print via QR code, Performance Test, LED status indicators, and 11-language UI.



- ### ⚡ Highlights
- ✔ Plug-and-play handheld OBD-II/EOBD diagnostic tool for passenger vehicles (DC 9-16 V).
 - ✔ Supports 9 standard OBD-II/EOBD protocols (SAE J1850 / ISO 9141 / ISO 14230 / ISO 15765 CAN).
 - ✔ OBD/EOBD diagnosis: Read Codes, Erase Codes, Freeze Frame, I/M Readiness, Vehicle Info, Mode 6, O2 Sensor, Mode 8 (EVAP), Performance Test (vehicle-dependent).
 - ✔ Live Data Stream: reads real-time engine parameters (PID availability depends on the vehicle).
 - ✔ DTC Lookup (built-in library) for code definitions (40,000+ entries per spec; coverage varies).
 - ✔ Cloud Print: generate a QR code from diagnostic data for sharing/printing via smartphone scan.
 - ✔ Voltage menu: read current vehicle battery voltage.
 - ✔ 2.8" color screen (240 × 320); multi-language UI (language availability depends on firmware/batch).
 - ✔ Status indicator LEDs: Green=connected, Orange=connection failure, Red=DTC read (per user manual; behavior may vary by batch).

Dimensions

173 × 91.7 × 25 mm
 Weight: 309 g (tool) / 437 g (with pkg)

Key Specifications

Display	2.8" color screen, 240 × 320	Power supply	DC 9-16 V (vehicle DLC/OBD port)
Operating current	34-51 mA	Standby current	30 mA (spec.)
Operating temp.	-20 to 60°C	Storage temp.	-20 to 60°C
Dimensions	173 × 91.7 × 25 mm	Weight	309 g (tool); 437 g (with pkg, spec.)
UI languages	11 languages (EN/DE/FR/ES/IT/RU/NL/中文/日本語/PT/PL) (spec.; actual set depends on firmware)		

- ### 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
- ✔ V521 diagnostic tool ×1
 - ✔ User manual ×1

📌 Notes

For OBD-II/EOBD compliant vehicles only (12 V system; DC 9-16 V). Supported functions and data items vary by vehicle ECU and model year. Use the tool only when the vehicle is safely parked.

V521 Performance Test Feature

Test Items:

- Acceleration performance testing
- Braking performance testing
- Distance testing measurement
- Instrument data verification

Quick Access:

- Press "F2" on keyboard
- From main interface
- Instant entry
- Real-time results

V521 Performance Test - Professional car performance diagnostics with F2 quick access