

**For B2B Wholesale / OEM / ODM Customers** – V519 is a plug-and-play handheld OBD-II/EOBD code reader for passenger vehicles (12 V systems). Supports 9 protocols, Live Data with waveform, Mode 6/02/Mode 8 tests, data save/playback, and firmware update via USB Type-C.



## Highlights

- ✔ Plug-and-play handheld OBD-II/EOBD code reader for passenger vehicles (12 V systems).
- ✔ Supports 9 OBD-II/EOBD standard protocols.
- ✔ Reads and clears engine/emissions DTCs; supports Freeze Frame, I/M Readiness and Vehicle Information (VIN/CALID/CVN where supported).
- ✔ Live Data Stream with optional waveform display; records can be saved and played back (vehicle-dependent).
- ✔ Supports O2 Sensor Test, On-board Monitor Test (Mode 6) and Component Test (Mode 8) when supported by the vehicle.
- ✔ Built-in DTC Library (lookup) for code definitions and a Review/Playback menu for saved records.
- ✔ Battery voltage reading and basic system setup (language/unit/contrast, etc.).
- ✔ Firmware update and data print/export via PC tool (V519ProductTool) through USB Type-C.
- ✔ Multi-language UI: 10 languages (EN/DE/FR/ES/IT/RU/NL/ZH/JA/PT).

## Dimensions

155 × 87 × 24 mm  
Weight: 246 g

## Key Specifications

<b>Display</b>	2.8" color screen, 240 × 320	<b>Power supply</b>	DC 12-16 V (vehicle OBD port)
<b>Operating current</b>	48-72 mA	<b>MCU</b>	APM32E103VET6
<b>Operating temp.</b>	-20 °C to 65 °C	<b>Storage temp.</b>	-30 °C to 70 °C
<b>Dimensions</b>	155 × 87 × 24 mm	<b>Weight</b>	246 g
<b>Languages</b>	EN/DE/FR/ES/IT/RU/NL/ZH/JA/PT (10 languages)		

## 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

- ✔ V519 diagnostic tool ×1
- ✔ User manual ×1

## Notes

- For OBD-II/EOBD vehicles only. Not compatible with new energy vehicles, hybrid vehicles, or vehicles that do not conform to OBD2.
- Function and data availability vary by vehicle.
- Operating voltage range may vary by production lot; refer to the label on the actual unit.