



In the case: SHINDIAG handheld unit · 14-pin diagnostic cable (Mercedes-Benz round connector) · 16-pin OBDII cable (SAE J1939 — non-MB vehicles) · PC sync cable (RS232, D-Sub 9) · power supply · rugged transport case with foam inlay

KEY FACTS

Interface	Standalone handheld — no laptop, no internet, no subscription required
Connection	14-pin diagnostic socket · 16-pin OBDII (J1939) · RS232 / USB-CAN to PC
Display	Backlit LCD with adjustable contrast & brightness
Op. Temperature	0 °C – 50 °C · Storage up to 80 °C
Power Supply	Vehicle 12 V – 24 V (min. 800 mA) via diagnostic socket
Delivery	Worldwide — shipping & export handling included; import charges itemized in your quote

SUPPORTED DIAGNOSTIC PROTOCOLS

- KWP2000 / J1939
- K-Line
- SAE J1939 HS-CAN
- SAE J1587
- UDS (250kbaud)
- OBDII 16-pin
- RS232 / USB-CAN
- Free Running (FMR/EDC)

CAPABILITIES

- MiniDiag 2 Replacement:** Direct successor to the legacy MiniDiag II (minidiag2) handheld — same standalone field approach, current hardware
- Fault Code Memory:** Read & delete active/stored fault codes across all connected control units (ADM, PLD, MR2, FMR, AFC, CPC, VCU)
- Live Data / Actual Values:** Real-time analogue & binary values — engine speed, temperatures, pressures, load status
- Parameter Setting:** Full parameter read/write with password-protected routines (Version B & C)
- Accelerator Pedal Teaching:** ADMx routine for proper pedal calibration after replacement
- Software Flashing:** Flash data sets & software to PLD, MR2, ADM, VCU control units
- Parameter Conversion:** Convert parameter sets for hardware replacement (unit pump exchange)
- PC Sync (minidiag2 Assistant):** Save, compare & manage parameter sets via RS232/USB-CAN

PRIMARY USE CASES

- 1

Fleet Maintenance — MB Truck & Bus
OM 400/500/900 Series (8 variants): OM 457/460 LA, OM 501/502 LA, OM 904/906/924/926 LA — standalone at the vehicle, no shop network required
- 2

Mobile Cranes & Lifting Equipment
Cranes and industrial hoists powered by OM 900 Series engines — diagnosed on-site, no dealer required
- 3

Independent Service Workshops
Full diagnostic independence from OEM dealer network — read, set & flash without Star Diagnosis®
- 4

Field & Remote Operations
Zero internet dependency — ideal for mining, construction, oil & gas sites with no connectivity
- 5

Control Unit Replacement & Commissioning
Parameter conversion & software flashing after ECU swap — ADM, PLD, MR2, VCU, CPC