

ELP5 PRO – VCI

Vehicle Communication Interface

ELP5 PRO – VCI is a state-of-the-art interface made to link a host PC/Android based device with a vehicle's diagnostic connector.

This incredible VCI allows fast and reliable diagnostics, flashing and other complex programming operations.

MODES OF OPERATION

MODE 1 – Pass-Thru interface device supporting standards:

- J2534-1 Pass-Thru Vehicle Programming API
- J2534-2 Optional Pass-Thru Features API (partial)

MODE 2 – Stand-alone device controlled by DiagProg® software running on an Android based host

INTERFACE PROTOCOLS

- ISO 11898 – CAN-FD 5Mbps
- ISO 11898-3 – Fault Tolerant CAN
- ISO 15765 – Diagnostics on CAN
- ISO 13400 – DoIP
- ISO 14230 – KWP2000
- ISO 14229 – UDS
- ISO 9141 – K & L Lines
- SAE J2411 – Single Wire CAN
- SAE J2818 – KWP1281
- SAE J2819 – TP2.0
- SAE J2284 – High-Speed CAN
- SAE J2740 – GM UART
- SAE J1850 – VPW/PWM
- SAE J2610 – Chrysler SCI
- SAE J2809 – Honda DIAG-H
- Chrysler CCD

HARDWARE INTERFACE

- CAN – 3 independent channels
- UART – 3 independent serial communication channels
- J1850 – 1 channel
- Slot for Expansion Board for future/custom standards
- Nearly unlimited configuration options

CUSTOM SYSTEM INTERFACE

- 9 x Programmable Multifunction Input / Output / Bidirectional pins
- Pull-ups, pull-downs, „open-drain“, Schmitt trigger options
- SPI, UART, I2C, 1-Wire, JTAG, BDM, High Speed Clock

HOST INTERFACE

- 802.11 a/b/g/n/ac WiFi 2.4/5GHz
- Bluetooth 4.2 EDR
- USB 2.0 Hi-Speed (USB-C connector)
- WiFi Direct

