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 SAE J2819 TP2.0
- ISO 15765 Diagnostics on CAN
 SAE J2284 High-Speed CAN
- ISO 13400 DoIP
- ISO 14230 KWP2000
- ISO 14229 UDS
- ISO 9141 K & L Lines
- SAE J2411 Single Wire CAN

- SAE J2818 KWP1281

- SAE J2740 GM UART
- SAE J1850 VPW/PWM
- SAE J2610 Chrysler SCI
- SAE J2809 Honda DIAG-H
- Chrysler CCD

HARDWARE INTERFACE

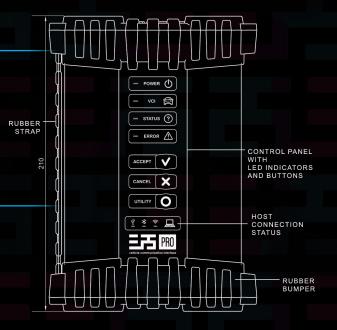
- CAN 3 independent channels
- UART 3 independent serial communication channels
- J1850 1 channel
- Slot for Expansion Board for future/custom standards
- Nearly unlimited configuration options

CUSTOM SYSTEM INTERFACE

- 9 x Programmable Multifunction Input / Output / Bidirectional pins
- Pull-ups, pull-downs, "open-drain", Schmitt trigger options
- SPI, UART, I2C, I-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



POWER (1)

VCI

? STATUS

 \triangle ERROR

ACCEPT

