



Vi-Card

A multi protocol/channel vehicle interface card as used within the award winning  and hardwired tester installations .

Key Benefits Summary

Fast, reliable, tried and tested vehicle communications.

Extremely robust single card design.

Flexible host computer connection options:
Wi-Fi, Ethernet or Full Speed USB.

Wide input voltage range.

SD Card data Storage.

LED indication of supply power, USB connection, SD card access, interface & Wi-Fi Status.

Multiple channels for simultaneous ECU communications.

In-Vehicle fast download capability with onboard intelligent response handling.

Fully compatible with the  control software.

Technical Data

Vehicle Communications

HW/SW Protocols: **ISO-9141**: Keyword 2000 (ISO-14230), Keyword 2000 Star, BMW DS2, FORD-9141

CAN: ISO-15765 (ISO-14229), MOST, Volvo D2, Volvo D2 Software Download, ISO-11898 (11/29bit)

Physical Channels: 1 x K-Line
1 x L-Line
4 x CAN up to 1Mb/s
1 x FEPS programmable from 0 to 24V

Electrical Specifications

Power Supply: 10 to 36VDC via diagnostic connector

Consumption: 4 Watts Max

Wireless Interface

Type: 802.11b/g – 2.4GHz

Encryption: WEP (64 & 128 Bit), WPA, WPA2

Working Range: 20m (dependent on environment)

Other Interface

Digital I/O: 20 Configurable Channels

Barcode Scan Engine: 12 way ZIF connector for Intermec EA15 2D barcode imager @ 57600 baud. 1 x trigger input & 2 outputs for LED and buzzer confirmation.

Physical Characteristics

Dimensions: 121 x 64mm

Ambient Storage Temp: -20 to +85 deg C

Ambient Operational Temp: 0 to +50 deg C