ES6520
Vehicle Communication Interface - Professional

A Leading Edge Platform for the Future of Vehicle Communications

A powerful and flexible platform for today's and tomorrow's complex vehicle communication needs. The ES6520 supports the latest as well as legacy industry standards for easy integration with vehicles and host applications.

OEM Diagnostics

Whether you're looking to save time, lower costs or improve customer satisfaction – the ETAS Group has an answer. We supply a comprehensive portfolio of diagnostic tools for servicing virtually all makes and models.

- Integrates easily with standard diagnostic interfaces and latest vehicle networks
- Provides coverage of virtually all vehicle networks and J2534-1/2 standards
- Saves time and resources by servicing multiple vehicles from a single host
- Customizable to unique OEM requirements
- Integrates analog measurement capability
- Flexible pin and voltage switching for ECU reprogramming and diagnostics

ETAS Group
Automotive LifeCycle
Solutions

OEM Diagnostics

Recessed On/Off Switch
prevents accidental activation

Highly Visible LEDs
indicate VCI status at a glance

Rubber End-Boots
for VCI and vehicle protection

AAA Battery Backup
(back panel)

Vehicle Connector
with pin switching reduces need for diagnostic adapters/ cables

Powered through **Diagnostic Connector or AC/DC Power Supply**

Vehicle Interface

Remote Trigger Interface
for data logging

Host Interface

Mini USB

Ethernet and Mini USB connections to PC

Ethernet

Compact Flash Slot
for 802.11b/g WLAN card or expanded memory (under rubber boot)

ES6520 – Key Functions:

- Built-in multi-protocol support for diagnostics on virtually all makes and models
- Enables programming and communications over multiple busses and controllers simultaneously
- Internal pluggable vehicle I/O expansion; expandable mass storage memory
- Rugged design for use in dealership environments

Supported Standards:

- MVCI (ISO 22900-1) for hardware interoperability
- D-PDU API (ISO 22900-2) for complete protocol abstraction
- SAE J2534-1 and J2534-2, RP1210A pass-thru/gateway

Interfaces:

- CAN (single-wire, fault tolerant, 2-wire, GMLAN)
- J1850 VPW/PWM
- ISO K- and L-Line
- 5V UART
- J1708, SCI, CCD, DDL, UBP
- Other vehicle interfaces can be added (e.g., FlexRay, MOST)
- Analog and discrete inputs/outputs

What Makes the ES6520 Different?

- First VCI to comply with D-PDU and J2534 standards
- High-performance processor for high throughput or hosting advanced applications
- High speed wireless capable (802.11b/g), Bluetooth enabled
- Web-server enabled
- Supports Java runtime environments
- Supports multiple concurrent communication links (e.g., J1850 + CAN, multiple CAN busses)

Visit our website for more information on the **ES6520** and our complete line of products.

www.etas.com

ETNA/MKT1_Hwl/07.2008