NOREGON SYSTEMS

providing products and services to the transportation industry

Technical Briefing

CAN/J1939/J1708/J1587 Data Link Adapter

www.noregon.com

Overview

Noregon System's Data Link Adapter is an RP1210A compatible state of the art device that allows users to easily communicate with in-vehicle and stationary networks.

Functionality Overview

The DLA handles the J1708/J1587, CAN 2.0B/J1939 protocols concurrently or individually from PC applications running on Windows 95/98/ME/NT/2000/XP. The DLA is a rugged device designed for the rigors of the service bay environment.

Capabilities

- RP1210A compliant API drivers with Noregon API extensions including bus statistics
- J1708/J1587, CAN and J1939 in a single device
- Connects through a common PC parallel (IEEE 1284 compliant) or serial port using off-the-shelf cabling
- Allows multiple client connections simultaneously
- Supports multi-threaded applications
- DLA firmware updates downloaded via the PC
- SAE J1455 compliant
- CE certified

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Microsoft Certified Solution Provider

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Specifications

Dimensions
- Height: 1.7 inches (4.3 cm)
- Width: 3.3 inches (8.4 cm)
- Length: 7 inches (17.8 cm)

Vehicle Cabling
- Custom made cables are available

PC Cabling
- Uses off-the-shelf standard cables

Materials
- Chemical and water resistant plastic case

Circuit Boards/Components
- Environmentally coated

Connectors
- DB-25 female for PC connection
- DB-15 female for vehicle

Power Supply
- 9 - 40 volts DC
- Powered by the vehicle

PC Hardware Requirements
- Pentium with 32 MB of RAM

Warranty
- 1 year standard warranty

Temperature
- Operating Range: 0° to 149° F (-18° to 65° C)
- Storage Range: -40° to 176° F (-40° to 80° C)

Electromagnetic Compatibility
- Designed to meet North American and European (CE) certification requirements.

Adverse Conditions
- Designed to meet or exceed SAE J1455 specifications for Shock, Vibration, Over-voltage, Reverse Polarity, Short Circuit Protection, Transient Protection, and Electrostatic Discharge.

Quality
- Designed and manufactured using certified ISO 9001 quality systems

Customization

Customized versions can be provided to meet your specific needs.

Services Available

- Custom Software Development

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