Netbridge

A versatile vehicle network interface with 4 CAN channels, LIN/J2602 and includes SAE J2534 device drivers. Netbridge provides incomparable engineering development and test equipment capabilities with access to standards-based vehicle applications!

Key Features

- 4 High-Speed CAN Channels
- 1 Single Wire CAN Channel,
- Simulated LIN Master and/or Slave nodes
  - Supports LIN Bus versions 1.2, 1.3, “2.x”
- Realtime access on signal and frame data (read/write)
- Multi-Protocol Support - Diagnostics On CAN & J1939
- Selectable Speed of CAN Channels (Up to 1Mbps)
- Supports J2534 Diagnostics and Reflashing Applications
- Rest Bus Simulation, ECU test, Automated Test Systems, Software Development
- LED Indicators for Each CAN Channel
- Pin Assignment Label for Easy Configuration
- High-Speed USB Communication to PC
- Rugged Aluminum Housing with Protective Rubber Bumpers

Benefits

- Simultaneous Data Transmission and Reception On All CAN Channels
- Validated and Tested for Use On High Bandwidth CAN Networks
- Monitor operation with timestamp recording
- Software to Validate Connectivity to Networked Devices (J2534)
- Control bus from your pc application via DLL.
  - Compatible with LabView, Matlab, C#, Visual C, Visual Basic
- Easy to Write Software
  - Complete J2534 Sample Source Code
  - Load DLL, Connect, Read, Write, Close
  - Electrarily Hardened (Reverse Polarity, Transients)
  - Worry-Free, Industry-Best 2 Year Warranty!

Differentiation

The netbridge offers the lowest price per CAN channel on the market, providing a value-leading solution with fully functional network communications...all in a single ruggedized device.

Technical Specifications

CAN Compliance: CAN 2.0A (11-bit ID), CAN 2.0B (29-bit ID), ISO11898
Protocol Support: SW CAN (SAE J2411), SAE J1939, LIN, J2602
  - Diagnostics On CAN (ISO15765)
Device Drivers: SAE J2534-1
HS-CAN Bitrate: 5-1000 Kbps, Auto Baud Capable
LED Indicators: Power, PC, CAN1, CAN2, CAN3, CAN4 Traffic
OS Compatibility: Vista, Win7 (32/64), and Win8 (32/64), Win10
USB-PC Interface: USB 2.0
Processor: 90 MIPS RISC Based Design
Firmware: Field Upgradable
Physical: 6.1” x 2.5” x 1.2”
Operating Range: -40°C to +85°C
Operating Voltage: 9 - 32 VDC; Industrial Systems 24 VDC Compatible
Operating Current: 250mA Max
Electrical Isolation: Transient & Reverse Voltage Protected
Industry Compliance: CE, RoHs

DG Technologies | 33604 West Eight Mile Road Farmington Hills, MI | 248.888.2000 | www.dgtech.com
## Cables

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>DG-OBDII-O-CABLE</td>
<td>16-PIN OPEN ENDED</td>
<td>$89</td>
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<tr>
<td>DG-SAINT2-CABLE</td>
<td>25-PIN OPEN ENDED NUMBERED</td>
<td>$49</td>
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<tr>
<td>DG-DPA5-OBDII-CABLE</td>
<td>NETBRIDGE TO LIGHT/MED. DUTY 25-PIN TO OBDII</td>
<td>$110</td>
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<tr>
<td>DG-DPA15U-CABLE</td>
<td>NETBRIDGE TO PC 15' USB CABLE W/ THUMB SCREWS</td>
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## Software

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<tr>
<td>RA-SST-PC</td>
<td>J1699, J1939, J1979 SOFTWARE</td>
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## Breakout Boxes

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<tr>
<td>DG-HD-BOX</td>
<td>9, 16 &amp; 25 PIN BREAKOUT BOX</td>
<td>$275</td>
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<tr>
<td>DG-OBDII-BOX</td>
<td>16 PIN BREAKOUT BOX</td>
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## Warranties

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<tr>
<td>DG-DPA-EXT-WARRANTY</td>
<td>1 YEAR EXTENDED WARRANTY</td>
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<td>DG-DPA-EXT2-WARRANTY</td>
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