**B&B ELECTRONICS**

### Model HDV100A3
# J1708 and J1939 RS-232 Converter

The B&B Electronics AutoTap™ Model HDV100A3 connects your PC or laptop to the J1708/J1587 and J1939 bus found on most heavy-duty vehicles.

The HDV100A3 follows a simple operational protocol to communicate to the J1708 and J1939 bus. The complete Control Response protocol is published on B&B's website **_www.vehicleinterface.com_**. The HDV100A3 solves timing problems encountered when operating in the Windows environment. An embedded microprocessor handles buffering and timing for the bus, thereby reducing bus collisions. This allows your data to access the bus with a much greater degree of precision than a non-intelligent interface adapter.

Accessory cabling is available (see the following B&B cable models) for the HDV100A3 to make connections to the PC or laptop as well as the J1708/J1587 bus.

Model D6D15M .................DB15 male to Deutsch 6-pin cable, 40 in (1.0 m)
Model D9D15M ................DB15 male to Deutsch 9-pin cable, 40 in (1.0 m)
Model 9PAMF6B ...............DB9 male to DB9 female cable, 6 ft (1.8 m)

## Specifications

| | |
|---|---|
| Dimensions: | 4.1 x 1.7 x 0.8 in (104.1 x 43.2 x 20.3 mm) |
| RS-232 Connection: | DB9 female, DCE |
| Bus Connection: | DB15 female |
| Pins 6, 7: | Ground |
| Pin 8: | Power |
| Pins 12, 13: | CAN low, CAN high |
| Pins 14, 15: | J1708-, J1708+ |
| Operating Temperature: | -40 to 85 ºC  (-40 to 185 ºF) |
| Input Voltage: | 10 to 42 VDC |
| Input Current @12 VDC: | 50 mA typical, 134 mA max |

**PRODUCT INFORMATION**