Part number: 102EC99101A

Description: The ECOM USB to CAN interface adapter is a convenient USB2.0 to Controller Area Network (CAN) adapter that enables the free exchange of CAN data (transmitted & received) between a target device and a computer or laptop. The unit uses a USB Standard Type A plug and Deutsch 6 pin DT series connector.

- Temperature range: 0 - 70°C
- USB 2.0, High speed PC bus interface (USB Standard Type A plug)
- Powered directly from the USB port (<125 mA @ 5 VDC)
- Requires external network termination using two 120Ω resistors
- Additional USB connection for HFX controller CODESYS application program download
- Easy Windows driver installation
- Fully potted and sealed for use in extreme environments
- 15 foot USB cable for extended reach to engine compartments
- Power LED that illuminates red when initially plugged in to the pc, and then changes to green once the Windows drivers have been installed and loaded. This greatly simplifies diagnosis of connection problems.

- CAN activity LED flashes green on successful reception of CAN messages and red after any CAN bus errors. The USB LED provides the same functionality for USB communications.
- Uses Philips SJA1000 CAN controller and Infineon TLE6250 transceiver
- Full support of CAN 2.0 A 11 bit, and CAN 2.0 B 29 bit identifier, Error frames, Remote transmission, and hardware based self reception.
- Can easily handle full bus loads at up to 1 Mbi/s
- Hardware timestamps with 64 μs resolution
- Windows 2000, XP, Vista, 7, and 8 are fully supported (32 & 64 bit)
- Provides a convenient mechanism for updating controller firmware.

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