



KONSGBERG
AUTOMOTIVE

NETWORKING INTELLIGENTLY

ELECTRONIC SYSTEMS - BCM - CAN GATEWAY



AT A GLANCE

- Rugged multiplex control module for 12 VDC applications
- (2) Configurable CAN buses that can be used to translate between different protocols at up to 500kbps
- Low side and high side digital inputs
- Analog inputs
- Frequency inputs
- Fully sealed to IP67
- Excellent resistance to chemicals

Product Description

Megalink™ is the perfect platform to empower your electronics with flexibility and control.

The BCM Gateway module provides engineers with the flexibility and freedom to design electronic control systems for transportation and vehicular applications. This unique module is a multi-purpose controller that combines up to 21 configurable inputs and 2 CAN ports for multiple applications. The BCM-Gateway can easily be combined with keypads, serial switches and other Megalink™ modules to create a complete electronic control system or subsystem in various

vehicles and applications. Its rugged design can withstand extreme off-road environments.

This compact fully sealed unit uses solid state switching devices to provide extended service life in the harshest environments. The Gateway has 2 CAN ports that can be configured to communicate in J1939, GMLAN, etc. It offers easy integration into most third party ABS, Engine Controllers, Transmission Controllers, Clusters and Displays. With its digital and analog inputs, the Gateway Module is also ideal for integration of multiple parts into an already multiplexed application.

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Product Specifications

General specifications and technical data

- Operating voltage: 9 to 16 VDC
- Operating temperature: -40° C to 85° C
- Standby current: < 5mA
- Immunity to radiated interferences: 100 V/m
- Water resistance: IP67, (1 meter under water)
- Electrical protection: Load Dump, 12V jump start, reverse polarity, ESD
- Diagnostics:
 - Diagnostic events stored in EEPROM
 - Field flashable
 - Windows™ based diagnostics software via CAN (CADET)
- Connectors: Delphi Metripak 100, 32
- Dimensions: 6-1/8" x 5-3/8 x 1" (155mm x 135mm x 24 mm)

Features

- 25 Total inputs
- Up to 20 switch to battery digital inputs
- Up to 17 switch to ground digital inputs
- Up to 4 analog inputs
- (1) SAE J1939 CAN bus or other protocol
- (1) RVC CAN bus or other protocol

Standard Mounting Dimensions

