BIM 3.1

Bus Interface Modular Box 3.1

Ideal for innovative test systems in the automotive industry

Unique interface suitable for several available modules

Featuring modularity and scalablility

Versatile with many possible combinations and applications



PRODUCT DESCRIPTION

Bus Interface Modular Box 3.1 provides a unique interface for modules such as: communication interfaces or converters, DUT power and measure, relay switching, DMM measure, load simulation, etc. It enables the usage of an external power source for the DUTs. It has TCP/IP socket communication without the need of any specific drivers. Raw communication is possible without the need of the APIs making it compatible with virtually any OS that supports TCP/IP socket.

KEY FEATURES

- Capacity for up to 15 modules.
- LabVIEW™\TestStand™ API available
- C# DLL API available
- Modular and scalable
- Several available modules
- Continuous development of new modules

PRODUCT CONFIGURATION

The BIM3.1 is a 19" box with 4U. It can be used on a rack configuration with mounting ears and handle or on a benchtop configuration with supporting feet.
The 15 available slots can be mixed with different boards providing a unique box capable of handling all the needed protocols and switching.

MAIN APPLICATIONS

Bus Interface Modular Box 3.1 is the ideal solution for innovative test systems for the automotive industry such as Radar, Lidar, Infotainment, optical systems...
This box can be used for a single DUT, with different modules on a single box or for several DUTs with several similar modules on the box. This flexibility makes this product versatile with many possible combinations and applications.

TECH SPECS

Bus Interface Module (BIM)
BusInterfaceModular v3.1

API

/ Compatible with LabVIEW™ / TestStand™

/ C# API

PC Communication Protocol

/ TCP/IP socket with or without API

Power supply

/ **Cable type/input:** IEC standard socket

/ **Voltage:** 230V AC

/ **Frequency:** 50Hz

/ **Current:** 2A (max)

Modules

/ **BRidge4Net4x:** Quad automotive ethernet converter configurable via the main socket interface. Similar BRidge4Net features.

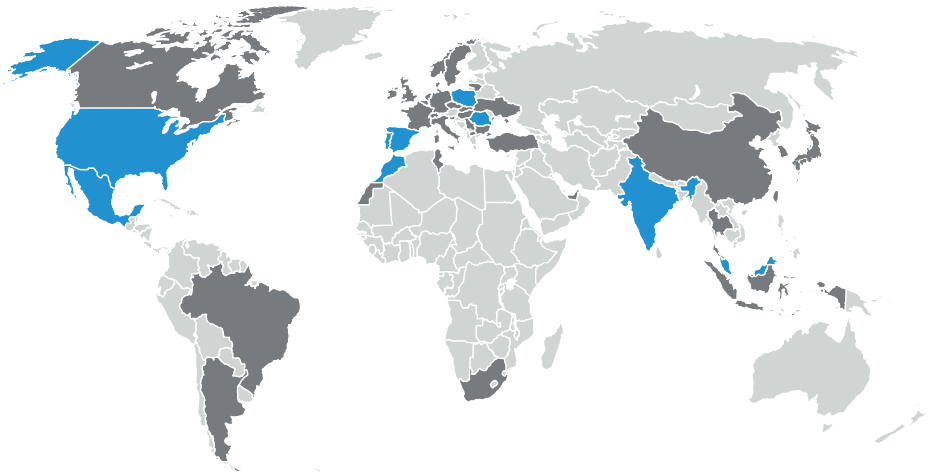
/ **Bridge4NetG4x:** Quad automotive ethernet gigabit converter configurable via the main socket interface. Similar BRidge4NetG features.

Mod.239.BIM.EN.D2

Controlar
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+351 225 898 410
info@pt.controlar.com
www.controlar.com

Controlar, S.A.
Rua do Caulino, 314
4445-259 Alfena
Portugal



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