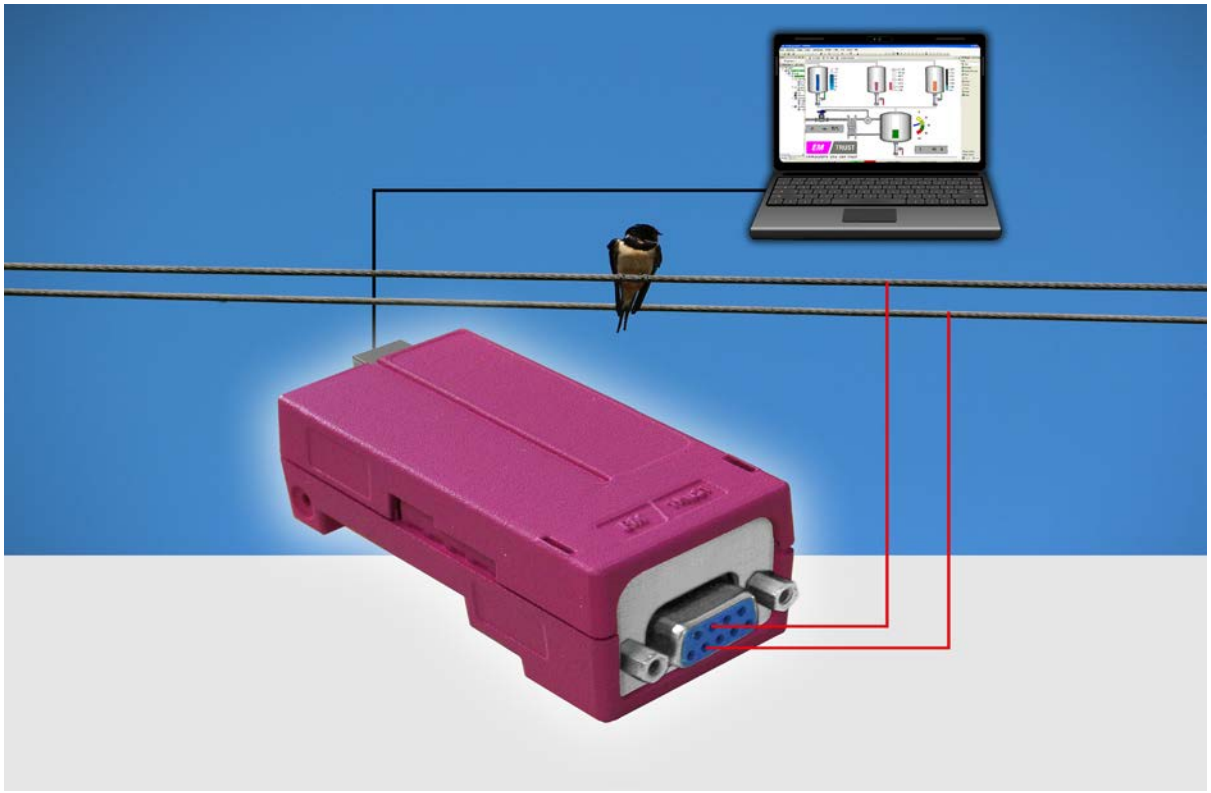
EM TRUST
systems you can trust

MCAN

CAN 2.0 A/B 2 PORTS



APPLICATIONS

The **EM MODULE MCAN** is the perfect controller area network module solution. It is designed for safety networking to control different devices and sensor units. It is a german engineered and high quality USB extension module, offering the highest performance in tough environments.

_ Rugged Industrial Module
_ Automatic Control Panels
_ Information Systems
_ Measurement & Quality Control
_ Automotive

Connect up to seven modules per TB-M / TB-H to your system.

Small installation depth.

Two independent CAN ports with status LEDs to support various applications.

Use the MCAN in harsh and tough environments.

Galvanic isolation optional available for all two CAN ports.

Designed for hat rail mounting.

MADE IN GERMANY

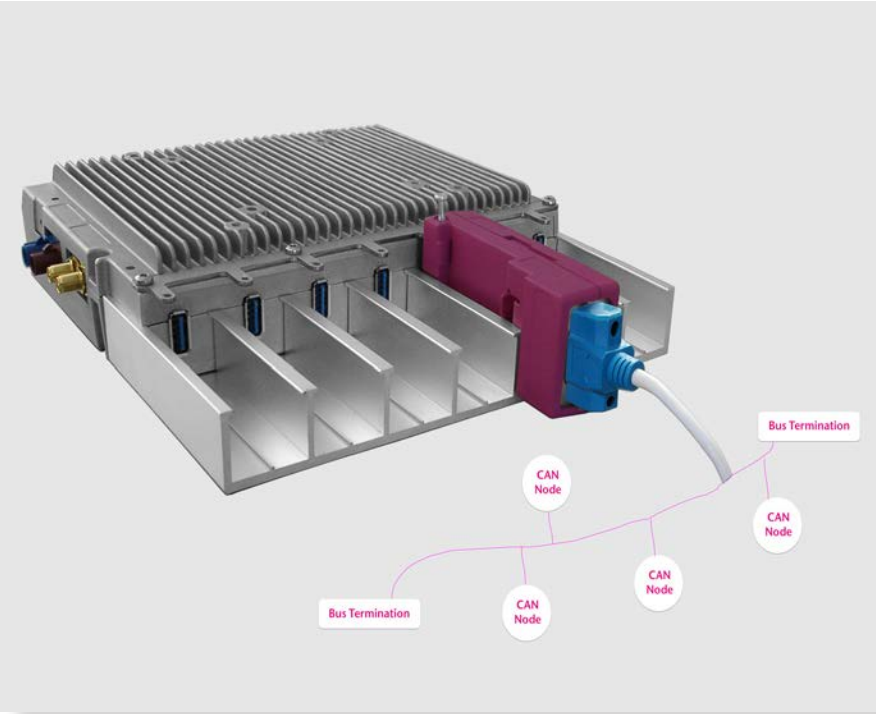
E.E.P.D. ...just embedded!

SPECIFICATIONS

CAN	9-pin female D-SUB connector 2 CAN ports Standard CAN (Version 2.0A) Extended CAN (Version 2.0B) Bit rate 20 kBit/s up to 1 MBit/s
Transceiver	NXP TJA 1042TK
Driver support	SocketCAN CANopen®
Status LEDs	Yes
Galvanic isolation	Optional (500 V)
USB client port	1 USB 2.0 / 1.1 Type A
OS support	Linux Kernel 3.4 or later Microsoft® Windows® 7 Microsoft® Windows® 10 Microsoft® Windows® 10 IoT Core
Power supply	USB VCC (+5 V supply, current limited to 500 mA)
Housing	ABS-PC
Dimension	93 mm x 38,5 mm x 26,6 mm
Weight	Approximately 40 grams
Mounting	EMTrust TB-M and TB-H module mounting, hat rail mounting
Cooling	Designed for fanless operation
Conformity	CE, ROHS, REACH
Max. operating temp.	-40°C to +85°C ambient
Max. storage temp.	-40°C to +85°C ambient
Max. rel. humidity	95 % @ 40°C, non-condensing

CONNECT TO DIFFERENT DEVICES!

TWO CAN PORTS SUPPORTED



expand your system

OVERVIEW

The EM MODULE MCAN is the perfect USB to CAN adapter for your applications, powered by proven technology.
It is designed for safety net-working to control different devices and sensor units.
The module is ready for USB 2.0 / 1.1 and supports two CAN ports.

SUMMARY

- ▶ 2 independent CAN ports
- ▶ CAN 2.0A / 2.0B
- ▶ Max. bit rate 1 MBit/s
- ▶ Galvanic isolation optional

Cable Option

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E.E.P.D. Electronic Equipment Produktion & Distribution GmbH
Gewerbering 3
85258 Weichs - Germany
Phone +49 8136 2282-0
Fax +49 8136 2282-109
Internet: www.eepd.de
E-Mail: sales@eepd.de