

Features

- Connects a PC via serial or USB port to CAN Bus
- Supports CAN 2.0A and CAN 2.0B
- CAN High Speed up to 1MBit/s
- USB 2.0 Full Speed (USB-CAN)
- Powered by USB (USB-CAN)
- Driver emulates serial port for easy access (USB-CAN)
- Remote Frame support
- Listen only mode
- CANopen by CANFestival
- Library (DLL) for standard access
- ASCII conversion protocol via serial port
- Metal case

■ ■ CAN Bus Adapter

SER-CAN
Serial to CAN Bus Adapter
USB-CAN
USB to CAN Bus Adapter

SER-CAN - 1 port Serial to CAN Bus Adapter

Overview

The SER-CAN is an adapter from serial port to CAN. It connects a PC via any serial port to the CAN Bus. Many computers still have a serial port, the installation is simple.

CAN Bus is widely used in industrial applications as well as in automotive monitoring and control. The SER-CAN can be used to monitor the data traffic in such installations, as well as sending control information.

Hardware flow control is used to increase the data reliability. Even on RS232 the SER-CAN can handle High Speed CAN transfers.

The ASCII conversion protocol is useful in developing and testing any configuration. Users just open the serial port via a Terminal Program, and have a simple way to talk to the CAN controller. The same way they can also transmit and receive CAN frames.

Applications programmed by users load the library (DLL), which transparently handles the ASCII conversion. Programmers handle only the CAN frames and status, they do not have to care about the ASCII conversion in their applications.

USB-CAN - 1 port USB to CAN Bus Adapter

Overview

Since current computers all have several USB ports, the installation is simple. Even the previous standard of USB 1.1 with 12 Mbit/s max. speed is sufficient to connect the USB-CAN to a computer.

The USB-CAN can be used to monitor the data traffic in such installations, as well as sending control information. The performance of USB-CAN is among the best available in the market of CAN-on-USB products. Since hardware-based automatic flow control is implemented at the interface between the CAN controller and the PC, the data reliability is very high.



Other model
Ethernet to CAN : NET-CAN 110

For more information, visit www.vscom.de or contact us by sales@vscom.de



SER-CAN, USB-CAN

1-port Serial to CAN Bus Adapter
1-port USB to CAN Bus Adapter

Why VSCOM ?

With over 15 years of R&D experience, VSCOM is a leading global provider of serial connectivity solutions.

Our products enable customers to easily establish data transfer and data management solutions, relying on state-of-the-art technologies.

We are pleased to provide customers the best fit of advanced technology solutions together with qualified technical support and reliable service for customer's business success.

Distributor

Where to buy?

VSCOM's global distributors can help you find the right product for your requirements. or contact VSCOM directly: sales@vscom.de

www.vscom.de

SER-CAN Specifications	
Speed	CAN High Speed (up to 1Mbit/s)
Signals	CAN_H, CAN_L, CAN_GND, CAN_V+, GND
Controller	SJA1000 (Philips)
Transceiver	TJA1050 (Philips)
LED	CAN Activity (Data), CAN Error, Power
Connector	DB9 male
Interface	RS232, 115 kbps
Operating Systems	Windows 2000/XP/2003/Vista, Linux kernel 2.4.32+ , Any system capable of 115200/8N1 with RTS/CTS
Connector	Db9 female
Library	Functions for simple access on all VScom CAN products, supporting Windows and Linux
Speed	CAN Speed selectable up to 1 Mbit/s
Transfer	ASCII coding mode
CAN Listen Mode	Passive receive of CAN Frames, neither ACK bits nor Error Frames
Monitoring Tool	SER-CAN is supported by CANHacker
Power	Max. 1.25W
Power supply	5VDC, max. 250mA via power adapter
Dimensions	52 x 66 x 23 mm (WxLxH)
Operating Temp.	0°C - 60°C
Storage Temp.	-20°C - 85°C
Case	SECC sheet metal (1mm)
Weight	120g
EMC	FCC Class A, CE Class A
Environment	RoHS

USB-CAN Specifications	
Speed	CAN High Speed (up to 1Mbit/s)
Signals	CAN_H, CAN_L, CAN_GND, CAN_V+, GND
Controller	SJA1000 (Philips)
Transceiver	TJA1050 (Philips)
LED	CAN Activity (Data), CAN Error, USB Power
Connector	DB9 male
Interface	USB 2.0 Full Speed
Driver	Emulated serial port, 3 Mbit/s
Operating Systems	Windows 2000/XP/2003/Vista, Linux kernel 2.4.32+ , Mac OS X support available
USB Connector	USB Type B socket
Library	Functions for simple access on all VScom CAN products, supporting Windows & Linux
Speed	CAN Speed selectable up to 1 Mbit/s
Transfer	ASCII coding mode
CAN Listen Mode	Passive receive of CAN Frames, neither ACK bits nor Error Frames
Monitoring Tool	USB-CAN is supported by CANHacker
Power	Max. 1W
Power supply	Max. 200mA via USB port
Dimensions	50 x 58 x 23 mm (WxLxH)
Operating Temp.	0°C - 60°C
Storage Temp.	-20°C - 85°C
Case	SECC sheet metal (1mm)
Weight	50g
EMC	FCC Class A, CE Class A
Environment	RoHS