



CAN@net II/VCI

Active Ethernet interface

1 x CAN (High-Speed)

The CAN@net II allows simple, flexible access from a PC to CAN systems via Ethernet. Due to its ability to support the TCP/IP protocol, the CAN@net II allows the worldwide direct connection to a PC, implementation in an LAN, or, communication with the gateway via the Internet.

This product is not recommended for new developments. For new developments we recommend to use the successor product [Ixxat CAN@net NT 100/200/420](#).

Application Note: [How to change from CAN@net II to CAN@net NT 100](#)



FEATURES AND BENEFITS

- Easy CAN access over large distances
- Common driver interface for easy exchange of the PC interface type
- Also available as gateway/bridge device

HOW IT WORKS

With the VCI CAN driver, included in the delivery, the CAN@net II can be operated in the same way as all Ixxat CAN PC interface boards. Therefore, all VCI-based CAN-programs and tools can be run with the CAN@net II. The VCI CAN driver is also capable of communicating via a PC with up to 128 CAN@net II devices simultaneously.

In addition to the CAN@net II/VCI, Ixxat also offers the CAN@net II/Generic, which can be addressed via a standard TCP/IP socket or used as CAN-Ethernet-CAN bridge (see also CAN@net II/Generic in the section "CAN gateways/bridges").

TECHNICAL SPECIFICATIONS

Ethernet-Interface	10/100 Mbit/s Ethernet (10Base-T/100Base-T), Autodetect, Connector RJ45, Auto crossover
IP address allocation	DHCP, via PC tool
Microcontroller	Freescale MCF5235
Memory extension	8 MByte DRAM, 4 MByte Flash
CAN controller	SJA1000; CAN 2.0 A/B
CAN bus interface	ISO 11898-2, Sub D9 connector according to CiA 303-1
Power supply	9-32 V DC, 3 W
Galvanic isolation	1 kV, 1 sec.

Size	22.5 x 100 x 115 mm
Housing	Plastic housing for top hat rail mounting
Temperature range	-20 °C ... +70 °C
Certification	CE, FCC, UL

CONTENTS OF DELIVERY

- CAN@net II/VCI, manual
- CAN driver VCI for Windows 2000, XP, Vista, Windows 7
- Simple CAN monitor "canAnalyser Mini"

Order number

1.01.0086.10200	CAN@net II/VCI; one CAN channel
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