

Ixxat USB-to-CAN V2 compact

Item number: 1.01.0281.11001

The Ixxat USB-to-CAN V2 compact with a D-Sub 9 CAN interface is an easy and cost-efficient way to connect a computer to a CAN bus network. It enables simple integration into diverse industrial setups, supporting various CAN applications, from testing and development to maintenance and control tasks.



PC interface adapter (1 x CAN)

Features and benefits

- ✓ **Versatile connectivity for CAN-based networks**
Simplifies the connection of computers to CAN-based networks by providing versatile integration options for industrial and automotive applications.
- ✓ **High-speed USB connectivity**
Native USB 2.0 hi-speed (480 MBit/s) ensures fast data transfer and compatibility with USB 1.1 and USB 3.x.
- ✓ **Efficient data handling**
Offers high data throughput combined with minimal latency, ensuring prompt and efficient data processing for demanding needs.
- ✓ **Powerful programming interface**
Ixxat offers versatile programming interfaces for Windows (VCI), Linux (ECI) and real-time OS (on request), enabling flexible development across multiple operating systems.
- ✓ **Cost-effective connectivity**
Offers a cost-effective solution, delivering high performance at an economical price. Ideal choice for demanding applications, without having to compromise on quality.
- ✓ **High-precision timestamps**
High-precision on-board time-stamping allows for precise data tracking and monitoring.
- ✓ **Comprehensive driver compatibility**
Ixxat VCI driver packages support multiple fieldbuses and allow easy switching between different PC interface types. Available as free download.
- ✓ **Analysis software included**
Ixxat canAnalyser3 Mini is included in the VCI V4 download package and enables first steps in analyzing and monitoring CAN networks.

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General

Net Width (mm)	50
Net Height (mm)	80
Net Depth (mm)	22
Net Weight (g)	205
Packed Width (mm)	13
Packed Height (mm)	17
Packed Depth (mm)	4
Packed Weight (g)	205
Operating Temperature °C Min	-20
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Type Value at Vcc Nom (mA)	48 mA
Current Consumption Max value at Vcc nom (mA)	300 mA (5 V DC)
Input Voltage (V)	5 V DC via USB port
Power Connector	USB
Isolation	No galvanic isolation
Content of Delivery	USB-to-CAN V2 interface, user manual, available as free download: CAN driver VCI, simple CAN monitor "canAnalyser Mini"
Not Included (in delivery)	Comprehensive and powerful driver and software packages are available as free download

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General

Housing Materials	PC ABS, UL 94 VO
Packaging Material	Cardboard
Warranty (years)	1

Identification and Status

Product ID	1.01.0281.11001
Country of Origin	Sweden
HS Code	8517620000

Physical Features

Connectors / Input / Output	1 x D-Sub 9 connector, 1 x USB type A connector
Contains Battery	No

CAN Features

CAN Mode	CAN high-speed (ISO 11898-2: 2016)
CAN Transceiver	TI SN65HVD251
CAN Controller	CAN 2.0 A/B
CAN Baud Rate	10 kBit/s to 1 Mbit/s

Certifications and Standards

Protection Class IP	IP40
Product Certifications	CE, FCC, UKCA
WEEE Category	IT and telecommunications equipment