Ixxat USB-to-CAN V2 Starter Kit

Item number: 1.03.0283.00001

The Ixxat USB-to-CAN V2 Starter Kit offers a ready-to-go solution for connecting CAN networks to computers, perfect for getting started with CAN applications. This kit includes the USB-to-CAN V2 professional interface, two RJ45 to Sub-D9 adapter cables, a ribbon cable with four D-Sub 9 connectors, two termination resistors, and a gender changer for a quick and easy setup right out of the box.

All-in-one set with USB-to-CAN interface and useful accessories

Features and benefits

Easy start with CAN applications

Practical toolkit for connecting CAN networks to PCs effortlessly. Ideal for testing CAN applications or hardware devices, or to become familiar with third-party applications or devices.

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-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.

Overvoltage protection

Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.

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.

Complete package

Includes all components needed for a quick setup: 1 x USB-to-CAN V2 professional interface, 2 x RJ45 to D-Sub 9 CAN adapter cables, 1 x ribbon cable with four D-Sub 9 connectors, 2 x CAN termination resistors and 1 x D-Sub 9 gender changer.

Dual CAN connection

Equipped with two CAN channels on RJ45 connectors, establishing a connection to up to two independent CAN bus systems.

High-precision timestamps

High-precision on-board time-Stamping allows for precise data tracking and monitoring.

Quick setup

Comes with an easy-to-follow quick start guide, making installation and operation hassle-free.

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.

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General

Net Weight (g)	350
Packed Width (mm)	17
Packed Height (mm)	13
Packed Depth (mm)	4
Packed Weight (g)	400
Operating Temperature °C Min	-20
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10 to 95 %, non-condensing
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	1 kV DC for 1 sec., 500 V AC for 1 min.
Content of Delivery	1 x USB-to-CAN V2 professional interface, 1 x CAN adapter cable (20 cm, RJ45/Sub-D9 connector), 1 x ribbon cable (20 cm, 2 x female D-Sub 9 socket, 2 x male D-Sub 9 plug), 2 x CAN termination resistor, 1 x D-Sub 9 gender changer, quick start guide, available as free download: CAN driver VCI, simple CAN monitor "canAnalyser Mini", programming examples
Not Included (in delivery)	Comprehensive and powerful driver and software packages are available as free download
Housing Materials	PC ABS, UL 94 VO
Packaging Material	Cardboard

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General

Warranty (years)	1

Identification and Status

Product ID	1.03.0283.00001
Country of Origin	Sweden
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	USB-to-CAN V2 professional (order no. 1.01.0283.22002): 2 x RJ45 connector, 1 x USB type A connector

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
ETIM Classification	EC000515