



## Ixxat CANbridge NT 200

Item number: 1.01.0331.20000

The Ixxat CANbridge NT 200 is a configurable CAN to CAN bridge/router to connect different CAN systems. It offers two CAN channels and supports long-distance communication, with several message processing and multiplexing functionalities. Ideal for efficient network management and system expansion.

*Intelligent CAN-to-CAN bridge*

### Features and benefits

- ✓ **Seamless system integration**  
CANbridge NT 200 enables the simple coupling of CAN systems and thus supports the conversion of networks with different bit rates or frame formats. Offers compatibility across different devices.
- ✓ **Cost savings due to simple wiring**  
Optimized topologies enable simpler wiring, resulting in less cables and cost savings at installation and maintenance.
- ✓ **Customizable actions**  
Additional programming of action rules using LUA for tailored responses to specific network events.
- ✓ **Configurable security levels**  
Defined access levels for configuration or firmware upload.
- ✓ **Bridge operation enables CAN system expansion**  
The bridge mode enables easy message exchange between CAN systems – to setup tree or star topologies.
- ✓ **On device intelligence**  
Advanced filter, ID translation, data mapping and multiplexing functionalities streamline network traffic and enhance efficiency.
- ✓ **Device and system protection**  
Network segmentation with galvanic isolation protects devices against damage caused by voltage peaks.
- ✓ **Easy configuration and maintenance**  
Windows configuration tool allows for easy setup and maintenance via USB.



## Identification and Status

Product ID	1.01.0331.20000
Country of Origin	Germany
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

## General

Net Width (mm)	99
Net Height (mm)	114.5
Net Depth (mm)	22.5
Net Weight (g)	250
Packed Width (mm)	13
Packed Height (mm)	5
Packed Depth (mm)	17
Packed Weight (g)	270
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
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)	110 mA (24 V DC), 220 mA (12 V DC)
Input Voltage (V)	9 V to 36 V DC, with overvoltage and polarity protection



## General

<b>Isolation</b>	1 kV DC for 1 sec.
<b>Configuration</b>	The Ixxat CANbridge NT series is configured and updated with a straightforward Windows configuration tool through USB. This tool simplifies setting up filters, mapping, multiplexers, or translation rules, requiring no programming expertise.
<b>Content of Delivery</b>	CANbridge NT device, user manual, Mini USB cable, available as free download: CAN-Gateway Configurator tool, CAN driver VCI, simple CAN monitor "canAnalyser Mini"
<b>Not Included (in delivery)</b>	comprehensive and powerful driver and software packages are available as free download
<b>Mounting</b>	DIN rail mount (bracket included)
<b>Housing Materials</b>	Polyamide housing for top hat rail mounting
<b>Packaging Material</b>	Cardboard
<b>Warranty (years)</b>	1

## Physical Features

<b>Connectors / Input / Output</b>	1 x Mini USB port, 3 x screw terminals (2 x fieldbus, 1 x power)
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## CAN Features

<b>CAN Mode</b>	CAN high-speed (ISO 11898-2:2016)
<b>CAN Baud Rate</b>	5 kBit/s to 1 MBit/s

## Certifications and Standards

<b>Protection Class IP</b>	IP20
<b>ETIM Classification</b>	EC000673
<b>WEEE Category</b>	IT and telecommunications equipment