

b-ISOBUS Spy

Product overview

The b-ISOBUS Spy tool is an application to analyse messages in ISOBUS networks.

- See all nodes in an ISOBUS network
- Interprete data according to ISO11783
- Recording traces of the ISOBUS
- Set filters to see only the data you need
- Works with USBTucan, PEAK™ and CANfox™ CAN Hardware

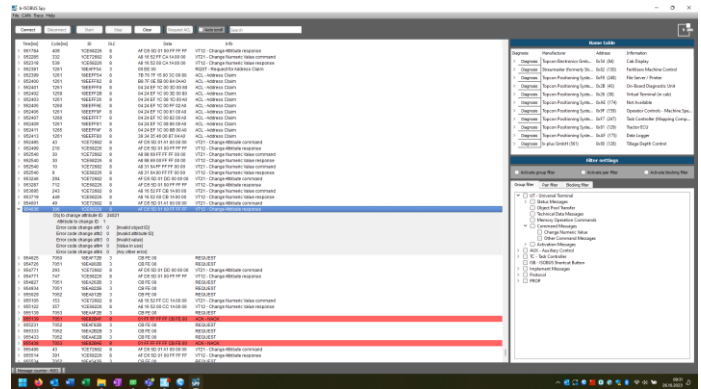


Abbildung 1: b-ISOBUS Spy

The b-ISOBUS Spy allows you to see all the information that is sent in your ISOBUS network. The tool will display all the nodes and record all messages sent between them in a trace. It will not only show you all the data like cycle-time, ID, data etc. but also interpret the given data for you.

The interpretation is made corresponding to the ISOBUS standards in ISO 11783. In your trace you will see the name of the command next to the other raw data. If you want to see more information you can expand the line to see all the signals the message contains. In case a message contains an error it will be marked, so you can recognize the error very quickly.

The information about the nodes is shown in a separated table called the "Name Table". This way you can always see the information of your nodes and which source address belongs to which participant in your network.

Furthermore you have the option to use filters to show only the data you want to see. There are three different settings of filters. One that filters groups of commands and with the second one you can filter the messages that are sent between to specific source addresses. The third option is the blocking filter to hide the messages from certain source addresses in your trace. You can even combine all of these options.

If you recorded a trace, you can save it as a txt-file and load it back into the program later. When importing a trace into the program, all the data will be interpreted again.

The b-ISOBUS Spy is compatible with the USBTucan from b-plus, CAN USB adapter from PEAK™ and the CANfox™ from Sonthem. The support for other adapters might be added in future updates.

Order information

Name	Order-no.	Description
b-ISOBUS Spy	B12800-SPY-001-0001	CAN communication interpreter for ISOBUS

Alle Daten bei 25°C Umgebungstemperatur, falls nicht anders angegeben. / All data at nominal input and 25° C ambient temperature, if not marked otherwise. ■ Alle Daten dienen nur Informationszwecken und sind nicht als zugesicherte Eigenschaften aufzufassen. / All data for information purposes only, no assured characteristics. ■ Technische Änderungen ohne vorherige Ankündigung sowie Irrtümer vorbehalten. / Technical modifications without notice and errors reserved. ■ Belastung mit Extremwerten über einen längeren Zeitraum kann die Zuverlässigkeit beeinflussen. / Strain with extreme values for a longer period may affect the reliability. ■ Alle Trademarks und Logos sind Eigentum der jeweiligen Unternehmen. / All trademarks and logos are property of the concerning companies. © b-plus mobile control GmbH • Okt-23 • V2.0