1   CAN-USB

Mobile CAN-PC converter

1.1   Front view

Fig. 1: CAN-USB with connecting cable and adapter

1.2   Features

- Mobile CAN-PC converter for connecting plants with the Wurm system and FRIGODATA XP
- Simple start-up using plug&play

1.3   Scope of supply

- Connection cable for CAN bus with 3.5mm cinch for connection to the service socket
- Connection cable to CAN bus with RJ12 plug
- Adapter USB-C plug on USB-A socket for connection to the PC
- Transport case

Wurm Infocenter

paperless info

Version and validity of the documentation

Version	Date	
V1.70	2025-01	Documentation status

Any versions not listed are special solutions for individual projects and are not described in detail in this document.
This document will automatically become invalid when a new technical description is created.
Manufacturer: Wurm GmbH & Co. KG Elektronische Systeme, Morsbachtalstraße 30, D-42857 Remscheid
You can find more information on our website at www.wurm.de.

1.4　Safety instructions

Writing conventions

WARNING ⚠	• Avoid the described hazard: Otherwise there is danger from **electric voltage** that can lead to death or **serious** bodily injury.

For your safety

For safe operation and to avoid personal injury and equipment damage through operator error, always read these instructions, become familiar with the device, and follow all safety instructions on the product and in this document, as well as the safety guidelines of Wurm GmbH & Co. KG Elektronische Systeme. Keep these instructions ready to hand for quick reference and pass them on with the device if the product is sold. Wurm GmbH & Co. KG Elektronische Systeme accepts no liability in the case of improper use or use for purposes other than the intended purpose.

Target group	This manual is intended for "service technician" personnel.
Intended use	**CAN-USB** is a mobile CAN-PC converter for connecting CAN bus system and PC with software FRIGODATA XP.

WARNING ⚠	**DANGER TO LIFE FROM ELECTRIC SHOCK AND/OR FIRE!** • Do not open the device! • Do not repair the device yourself! If the device requires repairs, send it in with an exact description of the fault!

1.5　Connection information

- The adapter is used to connect the CAN bus to computers or laptops.
- Use only the connecting cables and adapter supplied.
- Operation is usually through the USB interface on the computer.
- The USB plug of the CAN-USB can be used only with USB interfaces on computers or laptops!
- For new installations, use the drivers supplied with the software.
- Two LEDs indicate the presence of data traffic on the CAN bus and the USB interface.
  Special function: alternate flashing of the LEDs in quick succession indicates that the CAN-USB is adjusting to a new CAN bus transmission speed. If the LEDs continue to flash alternately for longer than about 15 seconds, the CAN bus must be examined for possible faults.

1.6　Technical data

Power supply	5V= supplied via PC-USB connection
PC interface	1 x USB-A or with adapter USB-C
Connection lengths	PC-USB-A plug 0.2m, CAN bus 3m
Housing	Plastic
Case dimensions	(WxHxD) 105 x 45 x 185mm
Ambient temperature	Operation: 0...+55°C, storage: -25…+70°C
Weight	About 250g (including accessories and case)
CE conformity	- 　2014/30/EU (EMC Directive)　　　　　CE
	RoHS II