

CAN Newsletter Online

DIAGNOSE, CONFIGURE, COMMISSION

PC-CAN adapter for Windows and Linux

With the PC-CAN adapter Ixxat SimplyCAN, HMS Networks enables to diagnose, configure, and commission devices and systems on CAN. It is integrated via a straightforward API without driver installation.

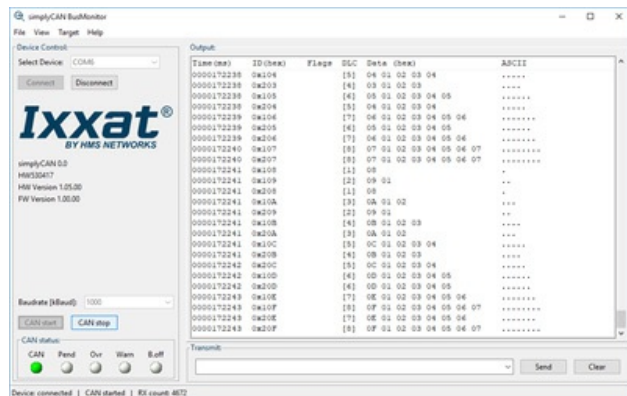
The CAN adapter is suitable for mobile and stationary use with a galvanically isolated CAN interface and a Sub-D9 CAN connection. simplyCAN is connected to the PC via USB 1.1 full speed and supports all standard CAN bit rates defined by CAN in Automation.

Under Windows 10 and Linux the adapter is automatically detected as a USB-COM port, requiring no driver installation to operate the hardware. Customer-specific applications based on the SimplyCAN, e.g. for diagnosis, configuration, or commissioning, can thus be used directly without a preceding driver installation.

Integration of the product into customer-specific programs can be done by using functions which are provided within a compact API (application programming interface). Supported programming languages are C, C#, and Python.



The PC-CAN adapter (Source: HMS Networks)



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In addition to the API, SimplyCAN comes with a monitoring tool, which can be used for commissioning of the adapter as well as for displaying messages in raw format and for sending individual messages. The commissioning without driver installation, make the device a basis for customer-specific tools used for diagnosis, configuration, and commissioning of devices and systems with CAN connection.

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