



Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

PC to CAN bus Communication

CAN bus is a common communication platform used in many industries for communication between controllers and field devices. A CAN bus is used for CANOpen, J1939, DeviceNet and many other fieldbus protocols. For PLC, HMI and fieldbus sensor applications, this is easy if these devices have CAN bus ports installed. For PC communication, including SCADA applications, this is less convenient because PC's traditionally do not have CAN bus ports available. One solution would be to use a PCI slot and install a communication board. An easier solution would be to use a port converter.

The TM-7565 is a USB to CAN bus converter. It will allow the user to communicate to their CAN devices from one of the PC's USB ports. The TM-7565 also supports listen only mode to monitor for certain CAN messages.



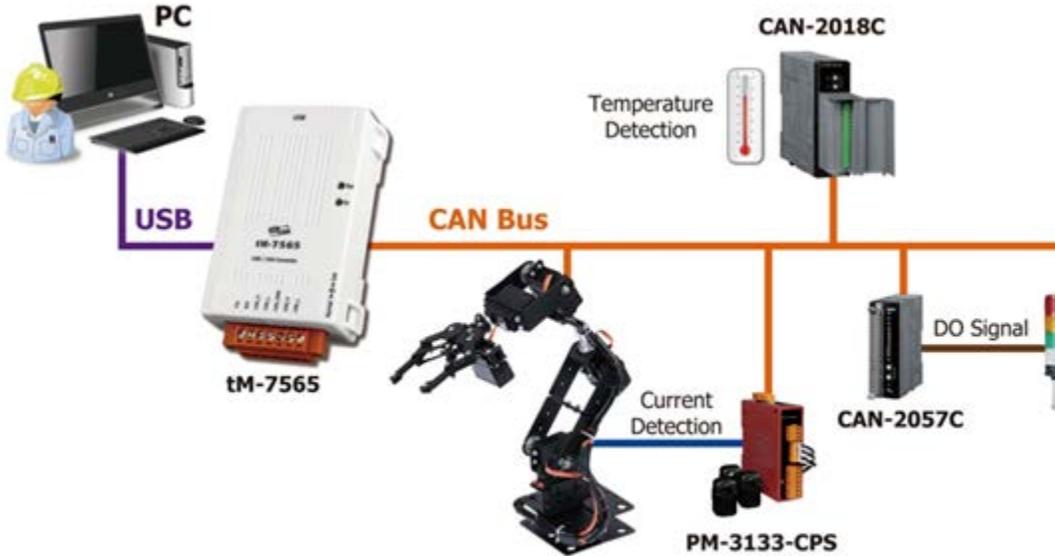
ICP DAS provides a wide variety of USB to CAN product solutions that are highly recommended in the marketplace. These USB to CAN converters assist users to implement the communication between USB and CAN based networks. To meet the low cost requirement from our customers, ICPDAS provides a new USB to CAN converter solution – the tM-7565. The tM-7565 module is a tiny USB to CAN converter module that is suitable for narrow environments due to its small size. In addition, it is easy to use for CAN bus testing via a laptop as it has a USB interface. The tM-7565 module includes isolation on both power side and CAN bus side, and provides a faster performance than other USB to CAN modules. The tM-7565 functionality is fully compatible with the I-7565 module, and it also provides new functions such as listen only, which can be used to listen to CAN bus message and for error detection. Based on these features, the tM-7565 module is a cost-effective and a practical solution for USB to CAN conversion.



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The TM-7565 is great for monitoring and SCADA applications. It also provides a utility which can be used to monitor CAN messages which can be used for maintenance application to communicate to CAN equipment for setup and maintenance.



If you have any questions concerning any of accelerometer data logger, please contact us via email or phone. We are here to help.