

CAN bus Software



LabVIEW CAN Driver

CAN LabVIEW Driver

In order to implement DeviceNet communication by NI LabVIEW software, ICP DAS provides a set of DeviceNet component in the LabVIEW driver. The LabVIEW driver includes a configuration utility to configure the ICP DAS's DeviceNet hardware in your PC. By means of this driver, you don't need to have the complex and abstruse technology of the DeviceNet protocol. Only few simple steps can finish the communication between your PC and the remote DeviceNet devices. Therefore, the ICP DAS LabVIEW driver can help you not only to develop your application rapidly and quickly, but also to reduce the complexity of applications.

Features

- NI LabVIEW Software version 8.0 or later
- OS environment: Windows 2000 / XP
- Support CAN specification 2.0A and 2.0B
- Predefine 8 kinds of CAN baud rate: 10 k, 20 k, 50 k, 125 k, 250 k, 500 k, 800 k and 1M bps
- Allow user-defined CAN baud rate
- Provide 3000-record Rx buffer for each CAN port
- Support functions for directly accessing SJA1000 register
- Allow users to read the card No. and relative information
- Support timestamp information for each received CAN messages



Hardwares Support

PISO-CAN200U-D PISO-CAN200U-T	2-Port isolated protection Universal PCI CAN communication board with 9-pin D-sub connector or 5-pin screw terminal connector
PISO-CAN400U-D PISO-CAN400U-T	4-Port isolated protection Universal PCI CAN communication board with 9-pin D-sub connector or 5-pin screw terminal connector
PEX-CAN200i-D PEX-CAN200i-T	2-Port isolated protection PCI-Express CAN communication board with 9-pin D-sub connector or 5-pin screw terminal connector
PCM-CAN100	1-Port isolated protection PCI-104 CAN communication module with 9-pin D-sub connector
PCM-CAN200	2-Port isolated protection PCI-104 CAN communication module with 9-pin D-sub connector
PCM-CAN200P	2-Port isolated protection PC-104+ CAN communication module with 9-pin D-sub connector