

DeviceNet Software

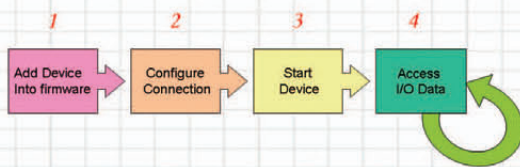
Compact DeviceNet Library for PISO-CAN series

DeviceNet Library



ICP DAS DeviceNet Master Library (DLL functions) for Windows 98/ME/NT/2000/XP provides users to establish DeviceNet network rapidly by Master/Slave connection model. The users can develop various DeviceNet applications via this library.

- ✓ DeviceNet Version: Volume I & II, Release 2.0
- ✓ Programmable Master MAC ID and baud rate
- ✓ Baud Rate: 125k, 250k, 500 kbps
- ✓ Support Group 2 and UCMM connection
- ✓ I/O Operating Modes: Poll, Bit-Strobe, Change of State / Cyclic
- ✓ I/O Length: 512 Bytes Max. (Input/Output) per slave
- ✓ Slave Node : 63 nodes Max.
- ✓ Support Auto-search slave device function
- ✓ Support on-line adding and removing devices
- ✓ Support Auto-detect Group 2 and UCMM device
- ✓ Auto-reconnect when the connection is broken
- ✓ Support Linux driver



DeviceNet Master InduSoft Driver

InduSoft Driver



In order to implement DeviceNet communication by InduSoft software, ICP DAS provides a set of DeviceNet component in the InduSoft driver. 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.

- ✓ Integrates with InduSoft Web Studio SCADA
- ✓ A Tag supports Max. 4 Bytes data length
- ✓ Communicates with the Multiple I-7565-DNM (multi-port) and PISO-DNM100U Series modules at the same time
- ✓ Programmable MAC ID Setting
- ✓ Auto-detect DeviceNet slave devices and supports DeviceNet I/O monitor
- ✓ Support Group 2 and UCMM devices
- ✓ Selectable data rates (baud): 125k, 250k, 500 kbps



DeviceNet Master Utility

DeviceNet Master Utility



The "DNM Utility" (DeviceNet Master Utility) is the greatest tool. It supports to search all devices in the network. Any more, it also can diagnose the remote slave devices. After configuring the I/O connection, the information would be saved into the DeviceNet master hardware.

- ✓ Selectable baud rate and master MAC ID setting
- ✓ Diagnose the remote slave devices
- ✓ Searching the DeviceNet slave on demand
- ✓ Importing and exporting the slave information
- ✓ Support to update firmware of DeviceNet hardware
- ✓ Support Group 2 and UCMM remote devices
- ✓ Easy to use with the graphic interface
- ✓ Reduce the development loading



DeviceNet Master LabVIEW Driver

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.

- ✓ NI LabVIEW Software version 7.0 or later
- ✓ Auto detecting DeviceNet slave devices and DeviceNet I/O monitor
- ✓ Programmable MAC ID Setting
- ✓ Provide hardware configuration tool
- ✓ Support UCMM capable devices
- ✓ Selectable data rates (baud): 125K, 250K, 500K
- ✓ Support the Predefined Master/Slave connection set

