

FAQ of the Week

Q: What is DeviceNet ?

A: DeviceNet is a low level network that provides connections between simple industrial devices like sensors and actuators and higher level devices like controllers.

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I-7243D
DeviceNet Master /
Modbus TCP Server
Gateway

DeviceNet & CANBus:

ICP DAS USA offers the latest in cutting edge DeviceNet & CANBus Communication Technology.



I-7241D, DeviceNet / DCON Gateway is a CAN bus product that offers the communication gateway between DeviceNet and DCON protocol. **I-7241D** can be a DeviceNet slave device in CAN bus for the DeviceNet network.



I-7530, DeviceNet / Modbus RTU Gateway can enable programmable RS-232 devices such as PC's, to be the master of a CAN network. In pair connection mode, **I-7530** can be used to connect PC with other RS-232 devices at the same time.



I-7243D, DeviceNet Master / Modbus TCP Server Gateway solves a mission-critical problem: connecting an existing DeviceNet network to Ethernet-base PLCs and PC-based configuration and monitoring systems.



I-7232D allows a CANopen master to access the Modbus slave devices on some Modbus RTU network. It provides an easy way to connect Modbus RTU devices like PLC's or Modbus RTU sensors with CANopen networks.



I-7242D, DeviceNet / Modbus RTU Gateway allows a master located on a DeviceNet network to communicate with the slaves on a Modbus RTU network. It is a Group 2 Only Slave device in the DeviceNet network.



I-7540D, CAN Ethernet Gateway can be used as Ethernet to CAN/RS-232/485 Device Server. The Device Server is an appliance that network enables any device with a serial communication port.



I-7565, USB to CAN Converter is used for coupling CAN bus to the PC via the standard USB interface. **I-7565** supports hot plug and play. The PC automatically loads the relevant device driver.



Using **I-7231D's CANopen / DCON Gateway**, DCON I/O modules can be connected with the CAN bus. In CANopen protocol applications, **I-7231D** plays the role in a CANopen slave device.

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CAN Ethernet Gateway

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January 2008



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Modbus TCP Server Gateway**

I-7243D: \$455 [Add to Cart](#)

I-7243D is a solution that provides a

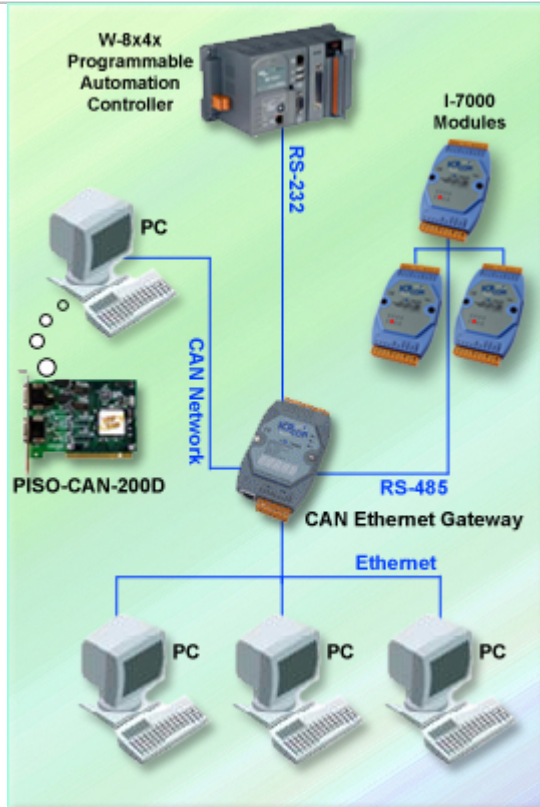


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I-7540D can be used as an Ethernet to CAN/RS-232/485 Device Server. The Device Server is an appliance that network enables any device with a serial communication port.

By virtue of its independent operating system, protocol independence, small size and flexibility, Device Servers are able to meet the demand of virtually any network-enabled application. Most devices don't have network ports. **I-7540D** allows those devices to become connected to the network.

- COM driver supports:
 - interrupt & 1K QUEUE Input & Output buffer
- Ports:
 - One RS-232 port
 - One RS-485 port
 - One CAN port
 - One Com1

communication protocol transfers the DeviceNet and Modbus/TCP protocol and solves a mission-critical problem: connecting an existing DeviceNet network to Ethernet-base PLCs and PC-based configuration and monitor system. it enables DeviceNet networks to be coupled together over the Internet/Ethernet, whereby remote monitoring and control is possible.

- Programmable DeviceNet Master MAC ID.
- Programmable DeviceNet Transfer-Rate: 125K, 250K, 500K.
- Supports Up to 63 DeviceNet Devices
- Predefined Master/Slave Connection Set
- 64 Maximum Fragment Number (Input/Output)
- Supports I/O Operation Modes: Poll, Bit-Strobe and Change of State/Cyclic
- Supports one Poll, one Bit-Strobe, one COS, one Cyclic IO connection for each DeviceNet device when connected with this module.
- Supports Online Adding and Removing of Devices from the Network.
- Supports Boot-up Auto communication with Slave Devices.
- Converts single Modbus/TCP to multi Modbus/RTU
- Supports VxComm technique for every COM port of controller
- Allows Simultaneous Multi-Client (or Master) Access

*Offer not valid for resellers and distributors.

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