

FAQ of the Week

Q: What is Modbus / TCP?

A: Modbus/TCP protocol is a variant of Modbus protocol. It was developed in 1999 to allow Internet community access Ethernet devices.

Bus Interface I/O Solutions

CANbus, DeviceNet, ASCII RS-485, Modbus TCP, Modbus RTU Expansion I/O Racks



DeviceNet I/O Expansion Solutions Expand your DeviceNet applications. A DeviceNet connection provides a communication path between multiple endpoints.



PROFIBUS I/O Expansion PROFIBUS is an open, digital communication system with a wide range of applications, particularly in the fields of factory and process automation. .



Modbus TCP and Modbus RTU I/O Expansion Solutions . Modbus TCP and RTU expansion racks for use with I-87K I/O modules allow you to put more I/O into existing industrial control infrastructures .



ASCII RS-485 Expansion I/O Serial expansion racks for use with I-87K I/O modules. Put more I/O into existing industrial control infrastructures .



CANbus Expansion I/O CANbus Interface I/O is used in many different application fields, such as medical equipment, off-road vehicles, maritime electronics, and building automation.



Expansion I/O Modules ICP DAS cartridge based I/O modules offer the ultimate in cost effective flexibility.

Promotional Pricing

\$425



I-7550

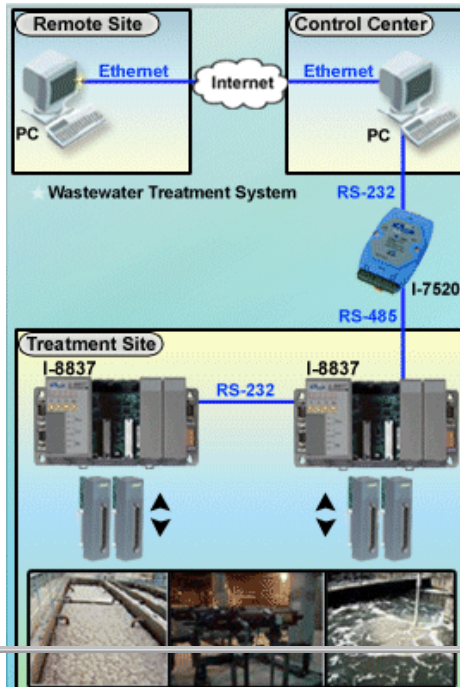
PROFIBUS to RS-232/422/485 Converter

Products



Featured Application Story

Wastewater Treatment



Special Promotional Pricing

March 2008



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PROFIBUS to RS-232/422/485 Converter

I-7550

PROFIBUS to RS-232/422/485 Converter

I-7550: \$425

I-7550 enables the integration of systems such as serial I/O devices, electronic scales, operator terminals, barcode readers and other automation devices which use an RS-232/RS-485/RS-422



Do You Have an Application Story to Share with Us?

[Click Here](#) to share your story with ICP DAS USA! We would love to hear about your product implementations. [Click here](#) to read our comprehensive list of application stories.

Wastewater treatment systems change poisoned substances into non-poisoned substances and recycle water resources so they can be used again. ICP DAS uses a high-performance controller [I-8837](#) to control main system processing equipment and to communicate with [InduSoft](#) SCADA software. Users can receive information from any location about on-site processing from any computer with an internet connection and browser.

[I-8837](#) is designed to fit the worst circumstances in industrial environments. This system provides a stable and dependable control system. The system includes organic wastewater treatment, acid/alkali liquid treatment, sludge treatment and waste developer treatment.

This system uses the standard Modbus RTU communication interface, has an easy to use graphical user's interface (GUI), monitors remote sites through web browsers, and the system stops when an alarm goes off.

[Click here](#) to read the entire application story.

interface into PROFIBUS DP applications. [I-7550](#) a converter that is specially designed for the slave device of PROFIBUS DP protocol.

- 16-Bit 80 Mhz Microprocessor inside
- Siemens SPC3 PROFIBUS Controller
- Supports PROFIBUS DP-V0 Slave
- PROFIBUS Transmission Rate Detected Automatically
- Built-in Watchdog
- Built-in Self-Tuner ASIC Controller on RS-422/485 port
- Flash: 512 KB
- SRAM: 512 KB
- EEPROM: 16KB
- COM 1: RS-232(3 wires)/RS-422/RS-485
- [Click Here for the User's Manual](#)

*Offer not valid for resellers and distributors.