

FAQ of the Week

Q: What is Profibus?

A: Profibus is a standard for field bus communication used in automation technology, process control and discrete manufacturing.

Promotional Pricing

\$425



I-7550

PROFIBUS to RS-232/422/485 Converter

Signal Conditioners

Effectively allow one type of electronic signal into another type of signal. Convert a signal that may be difficult to read by conventional instrumentation into a more easily read format!



PW-3090, Isolated Power Module is an efficient (83%) DC-to-DC power module with 1000 Vdc isolated protection. With it, your devices can work with stable power source and against harmful effects in the operating environment.



SG-3016: Strain Gauge Input Module is a voltage input to voltage or current output signal conditioning module. It has 3000Vdc three-way isolation for input, output and power. Users can change the input/output range via internal configuration switches.



SG-3011: Isolated Thermocouple Input Module uses microprocessor-controlled high-resolution 24-bit dual-slope, integrating A/D converter to acquire thermocouple signal and cold junction compensation input.



SG-3071: Isolated DC Voltage Input/Output Module is a voltage input to voltage or current output signal conditioning module. It has 3000Vdc three-way isolation for input, output and power.



SG-3013: Isolated RTD Input Module is an RTD input signal conditioning module used to transform RTD input to voltage or current output. SG-3013 uses a microprocessor-based transducer, which integrates two high resolution ADCs and an MCU, to acquire the RTD signal.



SG-3081: Isolated DC Current Input/Output Module is a current input to voltage or current output signal conditioning module. It has 3000Vdc three-way isolation for input, output and power. The bandwidth of the SG-3081 is typically 3KHz.

Click to View Our Price List



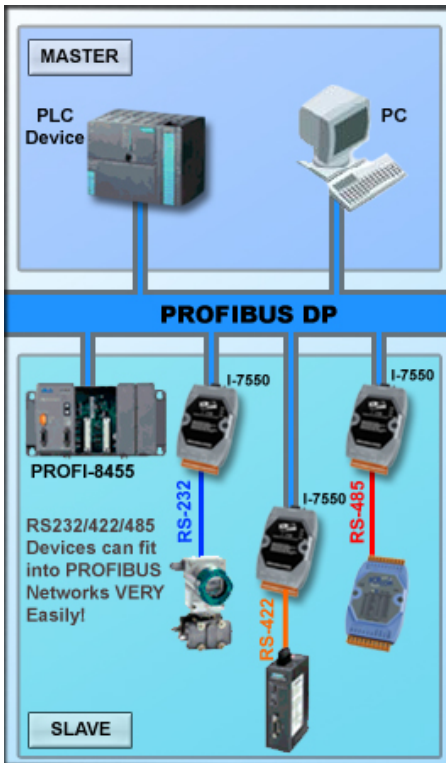
Click to View Our Catalog



Click to View Our Line Card

Featured Application Story

PROFIBUS to RS-232/422/485 Converter



Special Promotional Pricing

February 2008



PROFIBUS to RS-232/422/485 Converter

I-7550: \$425 [Add to Cart](#)

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 interface into PROFIBUS DP applications. **I-7550** a converter that is specially designed for the slave



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.

I-7550 PROFIBUS to RS-232/422/485 Converter allows RS232/422/485 devices into PROFIBUS Networks VERY easily. With the Hybrid COM 1 design, users can readily choose one type of com port to use. Each PROFIBUS segment can have up to 32 devices.

The parameters data of **I-7550** are COM Port baud rate, COM Port parity, COM Port data length, end char of input data and input fixed length data. The user can configure the device parameters to set the communication mode and the input data mode in the PROFIBUS configuration tool.

I-7550 can be applied to applications such as industrial automation, Factory Automation and Process Automation.

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.

310-517-9888
sales@icpdas-usa.com