Industrial Data Communications:

ICP DAS USA offers a wide selection of Industrial Data Communication and Conversion Devices.

Our Unmanaged Industrial Ethernet Switches in metal and plastic cases are perfect for implementing industrial control or data acquisition over a local area network!

Our I-7188 controllers are capable of functioning as intelligent Serial to Ethernet converters, thus allowing access to a serial sub networks via ethernet!

ICP DAS offers a multitude of RS-232/422/485 converters to meet almost any signal conversion you need!

Serial to USB Converters function as signal conversion from USB to RS-232/422/485!


Device Net / DCON Gateway is capable of brokering communication between Device Net protocol hardware, and ICP DAS DCON protocol hardware.

CAN Communication Converters: The Controller Area Network (CAN) is a serial communication protocol that supplies multi- master capabilities, and is especially suited for networking intelligent devices as well as sensors and actuators within a system or sub-system.

FRnet is an innovative industrial field bus offering high-speed deterministic I/O control, real I/O synchronization capabilities, non-protocol communication, and easy programming.

CANbus (Controller Area Network) Communication Boards are for serial communication protocol, and efficiently support distributed real-time control with a very high level of security.
**Featured Application Story**

8 Port 10/100 Mbps Industrial Ethernet Switch

**NS-208** is a solution that provides fast Ethernet communication for your industrial ethernet devices. Our NS-208 operates in temperatures of -30°C to +75°C (-22°F to +167°F). It is compliant with Vibration Standard IEC61373. The above diagram illustrates our NS-208 as an industrial ethernet gateway to 6 PC's and our I-7188E1 Serial to Ethernet Converter. I-7188E1 converts ethernet communication into Serial (RS-485) so the PC's on the network can communicate to I-7019R: 8 Channel Universal Analog Input Module with High Voltage Protection. Click here for the NS-208 product information page.

- Vibration Standard: IEC61373
- Electrical Standard: EN50155
- CE and FCC Certified
- IEEE 802.3, IEEE802.3u and IEEE802.3x compatible
- ESD Protection
- Integrated look up engine with dedicated 1K Unicast MAC Addresses
- 1.4 Gbps high performance memory bandwidth

**Special Promotional Pricing**

July 2007

8 Port Industrial 10/100 Mbps Ethernet Switch

**NS-208:** $145

NS-208 is fast, easy to use, and has reliable LAN dispersion. It is ideal in almost any setting! It has an MDI/MDIX function and automatically switches the transmission speed (10 Mbps or 100 Mbps) for corresponding connections. The flow control mechanism is negotiated. There are link/data rate LEDs for each port to aid trouble-shooting. Port connectors are shielded RJ-45.

- Auto MDI / MDI-X crossover for plug-and-play
- Each port supports both 10/100 Mbps speed auto negotiation
- DIN rail mount for Industrial Usage
- Store-and-forward architecture
- Full duplex IEEE 802.3x and half duplex backpressure flow control
- +10 ~ +30V DC voltage
- Operating temperatures: -30°C ~ +75°C

*Offer not valid for resellers and distributors.*