Making Data Acquisition Easy

I-7188E Converters: Serial to Ethernet Converter

1-8 Port Serial to Ethernet Converter / Intelligent Controllers

The ICP DAS I-7188 Ethernet controller offers the ultimate in modern ethernet-based control! The I-7188EN series offer users a multitude of connectivity and networking options, in a compact and robust embedded control format. Programmable in either C languages or Ladder Logic, the I-7188 embedded ethernet controllers offer cutting edge connectivity to almost any industrial control infrastructure!

- Ideal for embedded Ethernet control or serial to Ethernet conversion
- Compact form factor
- AMD 80188-40 embedded CPU
- ISaGRAF IEC-1131 development runtime equipped** (I-7188EG)
- ModBus TCP/IP & RTU compatible** (requires "-MTCP" firmware)
- Supports a variety of TCP/IP features: TCP, UDP, IP, CMP, ARP, and RARP
- 10BASE-T NE2000 compatible Ethernet Controller
- Reloadable Operating Software
- Remote Configuration
- 64-bit hardware unique serial number inside
- COM driver support interrupt & 1K QUEUE input buffer
- COM port: COM1, COM2,
- Built-in RTC, NVRAM, EEPROM
- User defined 14 I/O lines
- Built-in I/O expansion bus interface
- Internal expansion bus allows for multiple capability configurations
- Built-in self-tuner ASIC controller on RS-485 port
- 7-segment LED display for:
  - I-7188E1D, I-7188E2D, I-7188E3D, I-7188E4D, I-7188E5D and I-7188E8D
- Built-in MiniOS7
- Program download port: COM1 or Ethernet Port

Model Number	7188E1	7188E2	7188E3	7188E4	7188E5	7188E8
CPU (80188)	40M	40M	40M	40M	40M	40M
SRAM	384k	384k	384k	384k	384k	384k
Flash	512k	512k	512k	512k	512k	512k
Ethernet Port	10 BaseT	10 BaseT	10 BaseT	10 BaseT	10 BaseT	10 BaseT
COM 1 Port	RS-232	RS-232	RS-232	RS-232	RS-232	RS-232
COM 2 Port	-	RS-485	RS-485	RS-485	RS-485	RS-485
COM 3 Port	-	RS-232	RS-422	RS-232	RS-232	RS-232
COM 4 Port	-	-	-	RS-232	RS-232	RS-232
COM 5 Port	-	-	-	-	RS-232	RS-232
COM 6 Port	-	-	-	-	-	RS-232
COM 7 Port	-	-	-	-	-	RS-232
COM 8 Port	-	-	-	-	-	RS-232
DI	-	-	4	-	-	-
DO	-	-	4	-	-	-
Embedded O.S.	MiniOS7	MiniOS7	MiniOS7	MiniOS7	MiniOS7	MiniOS7