

Leading Edge Industrial Control & Data Acquisition from ICPDAS USA



ICPDAS USA is a leading edge manufacturer of industrial control and data acquisition products. Offering a comprehensive selection of industrial controllers, data acquisition equipment, and industrial communication devices, ICPDAS USA is your premier source for your next process control application! In order to continue offering our customers the latest in industrial control technology, ICPDAS has proudly teamed with AA ELECTRIC and embedded partners such as: Microsoft, ICS Triplex and Indusoft, to ensure that our products are capable of meeting the constantly changing needs of the industrial market. In choosing ICPDAS industrial control and data communication products for your next application, your project can benefit from reduced down time, increased productivity, and increased control, while enjoying the added benefits of ICPDAS' cutting edge, cost effective and user friendly technology! *All prices are per unit.*



\$219

I-7017 Analog Input Module

- 8 x channels (mV, V, mA)
- 16 bit resolution
- 3000 VDC bus isolation
- 35V Over-Voltage Protection
- Dual watchdog timer equipped
- 10 Hz input frequency



\$299

I-7188E4 Intelligent Serial to Ethernet Gateway

- 10BaseT Ethernet port
- 3 x RS-232 ports / 1 x RS-485 bus
- 40MHz Processor for embedded control use
- 384k SRAM / 512k Flash Memory
- Fully programmable in C language
- Ideal for distributed serial networks



\$380

I-7018Z Precision Analog / TC Input Module

- 10 x channels (mV, V, mA, TC)
- 3000 VDC bus isolation
- 16 bit resolution
- Enhanced CJC precision provision
- 240V Over-Voltage Protection
- Dual watchdog timer equipped



\$408

I-7188E8 Intelligent Serial to Ethernet Gateway

- 10BaseT Ethernet port
- 7 x RS-232 ports / 1 x RS-485 bus
- 40MHz Processor for embedded control use
- 384k SRAM / 512k Flash Memory
- Fully programmable in C language
- Ideal for distributed serial networks



\$323

I-7019R Universal Analog Input Module

- 8 x channels (mV, V, mA, TC)
- 16 bit resolution
- 3000 VDC bus isolation
- 240V Over-Voltage Protection
- Dual watchdog timer equipped
- Channel to channel configuration



\$584

SST-2450 2.4GHz Radio Modem

- Half-duplex up to 57600bps
- Auto band -rate setting
- ISM band
- Full-duplex or half-duplex
- Spread Spectrum technology
- Wide array of antennas available!



\$304

I-7024 Analog Output Module

- 4 x channels (ma, V)
- 14 bit resolution
- Photo isolation to 3750 Vrms.
- Power on preset value
- Safe value upon failure
- Dual watchdog timer equipped



\$185

NS-208 8 Port Unmanaged Ethernet Switch

- 8 x 10/100 Auto-negotiating Ethernet ports
- Automatic MDI/MDI-X crossover for PnP
- Full Duplex IEEE 802.3x and half duplex back pressure flow control
- 1.4 Gbps high performance memory bandwidth



\$152

I-7060D Digital Input / Relay Output Module

- 8 x channels (4 x DI / 4 x relay out)
- Form A & Form C relay outputs
- 100 Hz input frequency
- Power on preset value
- Safe value upon failure
- Dual watchdog timer equipped



Indusoft Web-Ready HMI Suite

- Streamlined *web enabled* SCADA
- User friendly HMI solution for select ICPDAS hardware**
- Scalable for any application
- Utilizes industry standard communication protocols

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Leading Edge Industrial Control & Data Acquisition from ICPDAS USA



The future is NOW!



from \$1,235 each

What is ICPDAS **PAC** technology?

PAC technology is an exciting new evolution in industrial controls technology, combining all of the benefits of traditional PLC technology with the cutting edge flexibility found in today's modern industrial PCs.

- PAC technology is based upon new *Open Architecture* design principles found in cutting edge design; making cumbersome and costly proprietary technology a thing of the past.
- PAC technology will enable your company to not only decrease manufacturing lead times, but to also increase productivity via decreased machine downtime.

ICPDAS WinCON **PAC** Features

- Stand alone architecture independent of an external IPC; utilizing embedded Windows CE.net 4.1 deterministic RTOS & embedded Intel RISC CPU architecture
- USB, PS2, VGA, and Ethernet equipped for enhanced HMI & data transmission, as well as more volatile onboard SDRAM memory & integrated compact flash drive, for secure data storage.
- Fully capable of supporting both Microsoft embedded as well as IEC-1131 programming languages, and capable of utilizing industry standard communication protocols (RS-232, 422, 485, ModBus, TCP/IP, CAN)

The ICPDAS WinCON 8000 Windows powered programmable automation controller offers the ideal combination of IPC + PLC + HMI in one streamlined powerful industrial control package! The ICPDAS WinCON PAC is the perfect hybrid of powerful industrial control and robust data acquisition, for today's most demanding industrial control applications. For more information regarding the next evolution of WinCON PACs, be sure to contact **AA ELECTRIC** today!

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