

FAQ of the Week

Q: Can I use DCON Utility to search for I-7000 modules with many different baud rates at once?

A: Yes. Our I-7000 Series Modules use the RS-485 network. To search for different baud rates, click the COM Port Menu near the top of DCON Utility. Under Baud Rate Option, select the desired check boxes corresponding to the baud rates you want to search. Click OK. Click Start Search.


We Now Provide Systems Integration Solutions!




Save Time and Money!

Call 888-971-9888 for Pricing and Details!


Featured Application Story



The I-7188EX Controller is Easy to Program and Configure



Cognex's SmartView® surface inspection system includes a pneumatically operated, retractable light beam.



The ICP DAS I-7000 I/O Modules are Easy to Interface with Various Buttons, Switches, Position Sensors and Pneumatic Valves

Cognex® is the world's leading supplier of machine vision systems, or computers that can see.

Cognex's Surface Inspection Systems Division (SISD) specializes in machine vision systems that are used for inspecting the surfaces of continuously manufactured materials, such as metals, paper, nonwovens, and plastics.

Cognex's SmartView® surface inspection system includes a pneumatically operated, retractable light beam.

When Cognex needed a configurable, reliable control system for sequencing the movement of that light beam, they researched many different options.

We looked at PCs, PLCs, custom logic, and a number of other solutions, said Jeff Wolinsky, Senior Engineer for SISD. The [ICP DAS I-7000](#) family is a perfect match for our needs.

The [I-7188EX](#) controller is easy to program and configure. The controller's rapid startup (boot) time is ideal for a standalone control system. Its simple serial port connections enable our inspection system to monitor the controller's status and also upload new code to enhance functionality.

The [I-7000](#) family I/O modules were easy to interface with our various buttons, switches, position sensors, and pneumatic valves. Overall, the [ICP DAS I-7000](#) family's flexibility, reliability, and compactness made it the clear choice for Cognex. [Click here](#) for the full application story.

2 Day Training Classes



ISaGRAF 1/14/08 & 1-15/08

Special Promotional Pricing November 2007

Featured Product

ICP DAS USA is holding two Advanced Training Classes in January 2008 at our Los Angeles office. One two day training will specialize in ISaGRAF, and the other two day training will specialize in Indusoft. We will have our **ICP DAS ISaGRAF** and **ICP DAS Indusoft Developer Managers** here to provide the Advanced Trainings. Those attending the class will get to see how ISaGRAF and Indusoft work with our products. Please call 888-971-9888 for more details.



Counter / Frequency Input Module with Battery Backup

I-7080B: \$185 [Add to Cart](#)

I-7080BD (with display): \$240 [Add to Cart](#)

I-7080 is intelligently designed to provide signal conditioning system monitoring, safe value settings and battery backup. In case of power failure, it will keep the readings.

- **Counter Input**
 - 2 independent 32-bit counters
 - Counter 0&1
 - Input Type: Isolated or non-isolated
 - Programmable Digital Noise Filter:
 - 2µs to 65ms
 - Programmable Alarm on Counter 0
 - Or Counter 0 & 1
 - Programmable Counter Reset Value
 - Built-in Battery Back Up: for Counter Value
- **Frequency Measurement**
 - Input Frequency: 1 Hz to 100 KHz max.
 - Programmable Gate Time:
 - 1.0 or 0.1sec
- **Digital Output**
 - 2 Digital Output Channels
 - Output Type: Source, Open-Collector
 - Output Voltage: 30V max.
 - Output Current: 30mA max

*Offer not valid for resellers and distributors.



3 Axis Counter Encoder

I-7083B: \$265 [Add to Cart](#)

I-7083BD (w/display): \$405 [Add to Cart](#)

DCON utility can help users to configure and test I-7083 High Speed Counter / Frequency Input modules. Plenty of library functions and demo programs are provided to let users develop programs easily under Windows, Linux and DOS operating systems.

- Counter Input Channels: 3 Axis
- Input Type: Isolated
- Encode Mode:
 - Quadrant Counting Mode
 - CW/CCW Counting Mode
 - Pulse/Dir Counting Mode
- Isolation Voltage:
 - Input Level: 5V
 - Logic High: 3.5V - 5V
 - Logic Low: 0V - 2V
 - Input 12V with External Resistor 1KΩ
 - Logic High: 5V - 12V
 - Input 24V with External Resistor 2KΩ
 - Logic High: 7V - 24V
 - Logic Low: 0V - 2V
 - Maximum Count: 32 bit
 - Maximum Counting Rate:
 - 1 MHz

Promotional Pricing

\$185

I-7080B
Counter / Frequency Input Module with Battery Backup