

Through our Globalized Partnership with UPS, we now have shipment rates at discounts of up to 30%



FAQ of the Week

Q: Can I make my own Functions in ISaGRAF?

A: Yes. ISaGRAF supports functions in structured text, Function Block Diagram, Instruction List and Quick Ladder Diagram Languages. Functions must have a return value, can have up to 31 input variables and its name should be the same as the function. [Click here](#) to read all the steps in creating a function.

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. They are downloadable in . PDF format.

[Click here](#) to contact our Technical Support Engineers so we can assist you!

[Click here](#) to take a look at our product support & documentation on our web page.

Featured Product



2 Day Training Classes

ISaGRAF (January 14, 2008 - January 15, 2008): \$995

InduSoft (January 16, 2008 - January 17, 2008): \$995

Both Classes (4 Days): \$1500

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.

- **Training** includes special functions that are only available for our ICP DAS products.
- **Attendees** must already be familiar with the ISaGRAF and InduSoft development environments or must be experts in PLC programming and other SCADA packages
- **ISaGRAF** is a control software environment that enables the creation of local or distributed control systems. The application development workbench provides all of the IEC61131 control languages.
- **InduSoft** is a powerful, integrated collection of automation tools that includes all of the building blocks required to develop Human Machine Interfaces (HMI's) and Supervisory Control and Data Acquisition Systems (SCADA).

Featured Application Story

October 2007



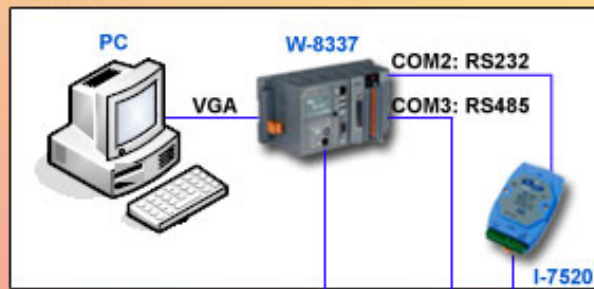
**PCI BUS 48-Bit OPTO-22
Compatible DIO Board**

PIO-D48: \$160

[Add to Cart](#)

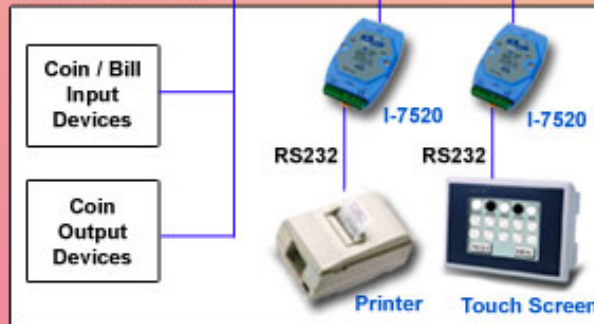


Kitchen



10 - 40 M

Front Desk



Pizza Hut Utilizes Wincon Controllers

In today's busy world, fast food chains are thriving as sources of quick and cheap meals. In order to accomplish quick turn-around time from the front desk to the kitchen and back, **Pizza Hut** utilizes the [W-8337, ISaGRAF Wincon controller](#). It is programmed in Ladder Logic.

The need for extra personnel can be bypassed with the use of a WinCON controller connected to many devices including [touch screens](#). The customer is then able to input his order into the computer. Additionally, the Wincon can be attached to a bill and coin acceptor so the customer can pay after making his selection.

Only one serial printer is required to print the order number and selected dish. The signal is converted by an [I-7520 RS-232 to RS-485 converter](#). This information is simultaneously sent to the kitchen and can be set up to display on an LCD monitor. Not only does this reduce personnel expenses, daily sales reports can be saved automatically into the compact flash memory of the [WinCON 8337](#). This information can later be downloaded via a USB pen drive and later be used to collect data such as menu preferences. While this ICP DAS technology is currently utilized in a pizza parlor, it lends itself to benefiting any fast food corporation. WinCON integrates PC and PLC together. [Click here](#) for the full application story.

The PIO-D48 provides 48 TTL digital I/O lines. The PIO-D48 consists of six 8-bit bi-directional ports. The 8-bit ports are named port A (PA), port B (PB), and port C (PC). Port C can be split into 2 nibble-wide(4-bit) ports. All ports are configured as inputs upon power-up or reset. It can be installed in a 5 V PCI bus and can support true "Plug & Play".

PIO-D48 Features

- PCI Bus
- Up to 48 channels of digital I/O
- All I/O lines buffered on the board
- Eight-bit groups independently selectable for I/O on each 24-bit port
- Input/Output programmable I/O ports under software control
- 32-bit programmable internal timer
- 16-bit event counter
- Interrupt source: 4 channels
- One D-Sub connector, one 50-pin flat cable connector
- Software:
 - Toolkit for DOS, Windows 95/98/NT/2000/XP, OCX 95/98/2000/XP
 - LabVIEW toolkit for Windows
 - Drivers for LINUX and DasyLabToolkit for OCX

*Offer not valid for resellers and distributors.