High quality data acquisition and embedded control products.

CONTACT:
Maria Santella
Technical Sales Engineer
ICP DAS USA, Inc.
Ph: 310-517-9888 x105
Fax: 310-517-0998
marias@icpdas-usa.com
http://www.icpdas-usa.com

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ICP DAS USA Introduces WP-8841: Windows CE 5.0 PAC

The WP-8841 is a serious machine. Running Windows CE 5.0, it's a Programmable Automation Controller with 8 I/O slots. Upgrading is a smooth transition since old applications can simply be copied onto the device. Its dizzying CV includes 14 MB of built-in flash memory, a powerful 520 Mhz CPU, hot swappable I/O module, comprehensive I/O expansion ability, a dual watchdog timer, dual Ethernet ports, redundant power inputs, dual battery backup, RS-485 ports, CAN bus and FR net. This would leave anyone breathless, but the WP doesn't break a sweat in its ventilated housing. It has a real time clock, VGA ports, and expandable flash memory. It supports FTP servers, HTTP servers, ASP (Javascript and VB script) and has an SQL embedded server and a compact .NET 2.0 framework. It has a built in OPC server (Quicker). And it may be maintained remotely through the FTP server. With its VCEP software, users can even precisely synchronize it with the terminals of a PC.

The Windows CE 5.0 operating system gives the WP-8841 quite an edge with hard real-time capability, small core size, fast booting speed, interrupt handling at a deeper level, achievable deterministic control and low cost. Significantly, Windows CE.Net 5.0 gives the WP-8841 the ability to run PC-based Control software such as Visual Basic.NET, Visual C#, Embedded Visual C++, SCADA software, and Soft PLC. The CPU performs at 520 MHz while software development kits allow for rapid development to save time and money. Soft PLC IEC 61131-3 development options are available for flexible application development. The WP-8841 can run Indusoft SCADA software for easy drag and drop application development. The OPC server allows easy incorporation of I/O modules. Copy and play technology makes upgrading systems simple and easy. Dual watchdog timers increase system reliability. Dual battery backup guards data during a potential power failure. Redundant power input keeps the system online even if one power source fails. And the WP-8841's ventilated housing permits operation in a range of temperatures from -25°C to 75°C . The unit supports many different communication protocols so it can easily be incorporated with other systems. The VGA port permits a visual interface. Expansion up to 1GB flash memory suits local data logging. A true powerhouse, the WP-8841 has all of the best features of both traditional PLCs and Windows capable PCs.

ICP DAS USA is a cost effective leader in the US industrial market; offering a stunningly competitive price/performance ratio, while catering to the latest solutions for current industrial trends. We seek to provide our customers with cost effective, flexible, and easy to use solutions for their Data Acquisition and Embedded Control Applications. ICP DAS USA provides a great variety of products with modular and universal solutions for any scale application or projects

To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit our website at www.icpdas-usa.com, or give us a call, toll free, at 1-888-971-9888 and one of our engineers would be happy to assist in reviewing the project requirements, ensuring that the highest quality solution is presented in your final application.

ICP DAS USA, Inc. www.icpdas-usa.com, 1-310-517-9888
1508 West Pacific Coast Highway, Harbor City, CA 90710