ICS ELECTRONICS
division of Systems West Inc.

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MODEL 8065 ETHERNET TO GPIB CONTROLLER
ANNOUNCED BY ICS ELECTRONICS

PLEASANTON, CA, November 28, 2005. Today ICS Electronics announced a new Ethernet to GPIB Controller for controlling GPIB Instruments and devices over a company network or over the Internet. Called the Model 8065, this new controller provides access to GPIB instruments from any computer with a NIC interface or to any TCP/IP network. Typical applications are developing test programs on your workbench, debugging test problems on the production floor, accessing equipment at remote test sites, sharing instruments on a 24/7 basis from anywhere in the world, all from your desktop PC. The Model 8065 provides a GPIB gateway for any computer (WIN32 PCs, Apple, Sun etc.) with a TCP/IP interface.

The Model 8065 is a VXI-11 compliant Server. VXI-11 is a communication standard developed by the VISA consortium in 1995 in conjunction with the VISA Specification. The VXI-11.2 sub-standard covers LAN-to-GPIB Interface servers like the 8065. VXI-11.3 is for LAN controllable instruments. Communication with the 8065 is via VXI-11 RPC protocol over a TCP/IP network.

The 8065 can be controlled several ways: The Model 8065's VXI-11 Service can be easily accessed from LabView, VEE, Visual Basic and C language application programs that call a VXI-11 compliant VISA layer. Just select the 8065 as the TCP/IP resource. Programmers who do not want to use a VISA library can access the 8065's VXI-11 Service by RPC calls from the application program. The VXI-11 Standard includes the necessary RPCGen header files for adding RPC calls to any program. ICS includes a VXI-11 Keyboard program which lets a user with a WIN32 computer control the 8065 and the GPIB instruments connected to the 8065 without having to write a program.

ICS's 8065 Ethernet-to-GPIB Controller has several advantages over competitive products. First the 8065 is 100% VXI-11.2 and VXI-11.3 compliant. This means that the 8065 provides the user with full control of the GPIB bus and the ability to perform IEEE-488.2 Controller protocols like Findlstn. Competitive units mainly operate as VXI-11.3 instruments. The 8065 supports SRQ handling, serial polling and SRQ notify. The 8065 supports multiple clients as part of its standard firmware. Competitive units support just one client or require additional software for a second client. The 8065 is designed as a RoHS compliant product. RoHS versions will be delivered in March 2006.

The Model 8065 has a large resource capability and can handle up to 15 VXI-11 links. These links can be used to support multiple clients (users) so several users or programs can access the GPIB devices connected to the 8065 at the same time. Instrument access can be locked so that other users cannot interfere with the operation being conducted by the first user.

The Model 8065 ships with a VXI-11 Keyboard utility program and a Configuration Utility. The Configuration Utility lets the user set the 8065's IP Address, GPIB Address, Interface Name and other settings. The VXI-11 Keyboard lets a user interactively control GPIB devices through the 8065. Both utility programs run in a WIN32 PC.

Pricing for the Model 8065 is $695 each is quantities of 1 to 4 units, FOB Pleasanton, California. Delivery is 4 to 5 weeks ARO.

ICS Electronics is a pioneer and leader in the design and development of IEEE 488 Bus support products, Serial and VXI bus products. ICS's GPIB product line includes GPIB Controllers, Interfaces, Expanders, Extenders and many GPIB support products.

ICS Electronics is headquartered at 7034 Commerce Circle, Pleasanton, CA 94588. **Phone (925) 416-1000. Contact Jerry Mercola, Marketing Manager for more information.**

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