

September 24, 2002

NEW GPIB BUS ISOLATOR ANNOUNCED BY ICS ELECTRONICS

PLEASANTON, CA, September 24, 2002. Today, ICS Electronics announced an improved GPIB



Bus Isolator, the Model 4860A, that provides increased bus isolation and noise protection while expanding the number of devices beyond the specification limit of 14 devices. The Model 4860A isolates instruments from the bus controller, eliminates ground loops and noise, and lets instruments 'float' up to the potential of their test signals.

The 4860A is the first GPIB Bus Isolator that does not generate false replies to the 488.2 FindListener Protocol. The FindListener Protocol is used by LabView™, VEE™ and many other programs to determine which instruments are connected to the GPIB Bus. All other Bus Isolators and Expanders provide false replies to the FindListener Protocol.

The 4860A uses advanced optical isolators and separate power supplies to achieve a guaranteed 2,000 volts of DC isolation between the main bus and the isolated bus. The optical isolators also provide 5000 V/ μ sec of noise and 50 V common mode isolation between the two buses. The Model 4860A is 100% compatible with all IEEE-488 bus commands and does not require any programming changes. Smart logic in the 4860A recognizes which bus is connected to the bus controller-in-charge and to the active talker. Unlike some earlier bus expanders, the 4860A does not have any internal switches.

The Model 4860A is the newest member of ICS's family of Minibox interface products and is housed in a small 1.5" x 7" x 7" metal case. The 4860A complies with the CE requirements for sale in Europe. Its external power adapters have UL/CSA/TUV and CE approval.

Price starts at \$ 825 each. Delivery is stock to 4 weeks ARO.

ICS Electronics is a pioneer and leader in the design and development of IEEE 488 Bus and VXIbus products. The ICS's GPIB bus products includes bus controllers, bus extenders, interface modules, OEM interface cards, bus analyzers and accessory products.

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

- **Note to Editor:** The 4860A photo is also available as an electronic file. Email jmercola@icselect and specify your desired image size, density and file format.

Trademarks:

LabView is a trademark of National Instruments, Austin, Texas

VEE is a trademark of Agilent Instruments, Palo Alto, California