



Embedded Boards • Power Supplies • Instruments

110 Wilbur Place • Bohemia, NY 11716-2416

Tel: (631) 567-1100 • Fax: (631) 567 1823 • www.naii.com

For Immediate Release

Contact: Lou Garofolo
North Atlantic Industries
631-567-1100
lgarofolo@naii.com

David Pinkowitz
DCP Marketing Services LLC
631-491-5343
dpinkowitz@dcpmarketing.com

Next Generation Intelligent Power Monitor and Control Unit Now Available

DSP-based device provides RS-485 interface and monitors power line voltage, frequency, phase sequence, THD and DC component

Bohemia NY -- North Atlantic Industries (NAI) has announced the availability of a next generation DSP-based intelligent power monitor and control unit. The model iPM monitors 1-phase or 3-phase wye or delta connected power lines for voltage, frequency, phase sequence, THD, and DC component. When any of these parameters are outside of their pre-programmed limits, the iPM internal 10 Amp relay opens and disconnects the power from the load. The iPM has a universal input voltage range of 80 Vrms to 230 Vrms and a universal input frequency range of 47 Hz to 800 Hz. It includes a background self-test capability that constantly monitors the health of the unit. The iPM provides a serial RS-485 interface that allows real-time data readout of the monitored power parameters and the self-test status, as well as allowing external control of the state of the power relay.

With its full feature set, serial interface and rugged compact design, the iPM is ideally suited for military and aerospace programs, including airborne, shipboard, and ground applications. The unit is designed to meet the environmental requirements of MIL-STD-810C, the EMI requirements of MIL-STD-461, and the Input Transient requirements of MIL-STD-704E, when installed within the system.

The iPM is hermetically sealed and operates over a temperature range of -55°C to +100°C. Pricing for 100 pieces of the iPM starts at \$1800 each. Delivery starts at 12 weeks ARO.

"The iPM gives our customers an intelligent and flexible power monitor in a compact, rugged package," said Lino Massafra, VP of Sales and Marketing at NAI. "They particularly like its full feature set, serial interface, and background self-test."

North Atlantic Industries

North Atlantic Industries (NAI) is a leading independent supplier of Embedded I/O Boards, Power Supplies and Motion Simulation and Measurement Instruments for the Military, Aerospace and Homeland Security Industries. NAI provides the highest quality COTS and Custom products in Commercial, Extended Temperature and Rugged versions. Information about NAI and its products can be found at www.naii.com.

#

Photo Attached

March 2009



Embedded Boards • Power Supplies • Instruments

110 Wilbur Place • Bohemia, NY 11716-2416

Tel: (631) 567-1100 • Fax: (631) 567 1823 • www.naii.com

