



For Immediate Release  
Liberty, South Carolina USA  
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## Data Acquisition Modules Offer Open-Collector Outputs and Optically Isolated Inputs for Distributed Control

### PRODUCT HIGHLIGHTS

- Available in wireless, Ethernet (Modbus/TCP), RS-485 (Modbus), USB, and RS-232 models
- 16 open-collector outputs, 16 optically isolated inputs (Seal/O-530 models)
- 32 open-collector outputs (Seal/O-540 models)
- Removable screw terminals simplify field wiring
- Status indicator LEDs for Communication, Fault, and Power
- Input power via terminal block or modular connector
- Optional DIN rail or table mount
- Daisy chain up to 247 modules
- Sealevel software supports Windows 2000/XP/Vista/Windows 7 (32- & 64-bit) operating systems



Sealevel Systems Inc., announces two additions to the popular [Seal/O family](#) of modular I/O – the Seal/O-530 and Seal/O-540 digital I/O modules. Offering a powerful selection of open-collector outputs and optically isolated inputs, the modules are designed to interface to a variety of real-world I/O. Ordering options allow control from a host device via wireless, Ethernet (Modbus/TCP), RS-485 (Modbus), USB, or RS-232.

The Seal/O-540's 32 open-collector outputs are well-suited to controlling common industrial peripherals, and each output circuit includes a flyback diode for protection when interfacing highly inductive loads such as DC motors. The Seal/O-530 combines 16 optically isolated inputs with 16 open collector outputs. The non-polarized inputs can monitor 5-30VDC and provide optical isolation to protect the host computer and other sensitive equipment from voltage transients and ground loops that are common in industrial environments. For connecting I/O, removable terminal blocks are standard on both modules, enabling fast, versatile field wiring.

Both Seal/O modules are housed in a rugged, metal enclosure and are also available in board only versions, which allow easy integration into OEM systems. The modules feature a standard operating temperature range of -25°C to 85°C and an extended temperature range -40°C to +85°C is available. Both the Seal/O-530 and Seal/O-540 are powered from your 9-30VDC source and you can select from a variety of Sealevel power supply options.

Seal/O modules are perfect for a wide variety of applications and environments including process control, data acquisition, broadcast automation, security, and facility management. Multiple units of any I/O type can be easily daisy chained together using convenient RJ-45 pass-through connectors or screw terminals. This expansion capability enables a distributed network to be controlled with even a traditional point-to-point USB or RS-232 host connection. For easy software integration, application programs or 3rd party software can use the Sealevel SeaMAX library or industry standard Modbus protocol.

As a result of a technology refresh, pricing has been recently reduced on all Seal/O products. Pricing for the Seal/O-530 products starts at \$359.00 while the Seal/O-540 series starts at \$379.00. Both products are immediately available from stock.



Sealevel Systems, founded in 1986, provides industrial computing solutions in addition to a variety of communications and I/O products including PCI Bus cards, Ethernet serial servers, USB serial adapters, PCMCIA cards, and PC/104 modules. The product line includes multi-port RS-232, RS-422/485, RS-232/422/485 multi-interface high-speed sync/async, and digital/relay I/O. For more information, visit [www.sealevel.com](http://www.sealevel.com) or call 864-843-4343.

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