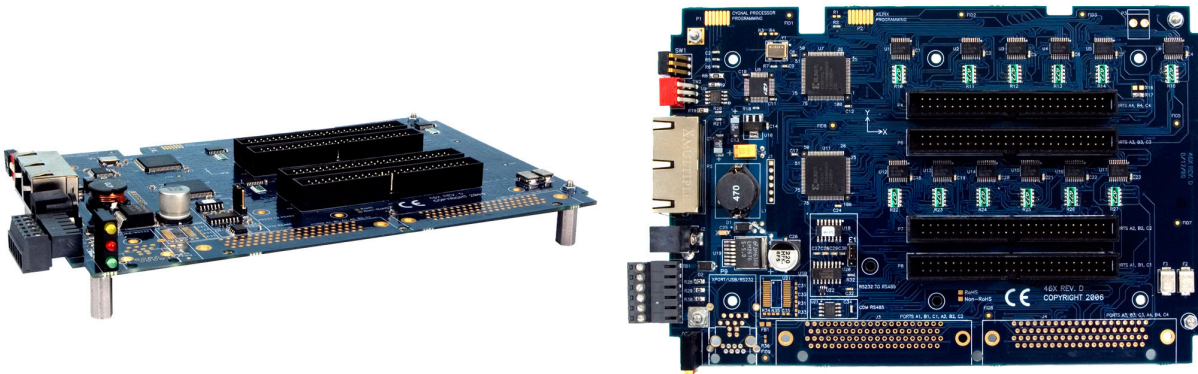


# 96 Channel TTL Digital Interface Seal/O Expansion Module

[sealevel.com/product/463n-oem-96-channel-ttl-digital-interface-seal-o-expansion-module](https://sealevel.com/product/463n-oem-96-channel-ttl-digital-interface-seal-o-expansion-module)



**Part:** 463N-OEM **Model:** Seal/O-463N-OEM

\$194.00

- RS-485 Modbus/RTU interface
- 96 channels of buffered TTL I/O
- Each 8-bit port individually configurable as input or output
- Four 50-pin industry standard solid-state relay rack connectors
- Status indicator LEDs for Communication, Fault, and Power

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## Description

The Seal/O-463N-OEM adds 96 channels of buffered drive digital I/O to your Seal/O network. Compatible with all Seal/O base units (Ethernet, USB, RS-485, RS-232), the Seal/O-463N-OEM connects easily using an RS-485 input. Cabling is accomplished via the units RJ45 connector or removable screw terminals. RS-485 line conditioning allows easy installation of termination and pull-up/pull-down resistors.

All Seal/O N-series expansion modules ship with four metal standoffs with nuts. The metal standoffs allow you to connect multiple Seal/O OEM boards together in a stack. The optional [CA239](#) interconnect cable can be used to connect Seal/O OEM boards together via the RJ45 pass-through connectors, providing an easy method to cascade

RS-485 signals and power from one module to the next. Alternatively, use inexpensive CAT5 cabling to pass data signals between Seal/O OEM boards to create a distributed network.

To simplify ribbon cable installation, a printed copy of the [Ribbon Cable Installation Instructions](#) is included with all Seal/O-463-OEM orders.

Category: [Expansion](#)

## Additional information

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|                                 |  |
|---------------------------------|--|
| <b>Family</b>                   | Seal/O                                     |
| <b>Digital I/O</b>              | TTL I/O                                    |
| <b>Dimensions</b>               | 7.5 (L) x 5.0 (W) x 0.8 (H)                |
| <b>Extended Temperature</b>     | Call for Options                           |
| <b>Humidity Range</b>           | 10 – 90% Relative Humidity, Non-Condensing |
| <b>Host Interface(s)</b>        | Expansion                                  |
| <b>Number of Inputs/Outputs</b> | 96 TTL                                     |
| <b>OEM</b>                      | Yes  |
| <b>Operating Temperature</b>    | 0°C to 70°C (32°F to 158°F)                |
| <b>Output Power</b>             | +5V @ 1A (5W) max.                         |
| <b>Output Specification</b>     | Sink up to 64mA, Source up to 32mA         |
| <b># of Ports</b>               | 96   |
| <b>Power Requirement</b>        | 9-30 VDC @ 2.0W                            |
| <b>Storage Temperature</b>      | -50°C to 105°C (-58°F to 221°F)            |

RS-485 Modbus/RTU interface  
96 channels of buffered TTL I/O

Each 8-bit port individually configurable as input or output  
Four 50-pin industry standard solid-state relay rack connectors  
Status indicator LEDs for Communication, Fault, and Power  
Input power via terminal block or modular connector  
Includes four 3/4 metal standoffs with nuts

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