96 Channel TTL Digital Interface SeaI/O Expansion Module

Part: 463N | **Model:** SeaI/O-463N

The SeaI/O-463N adds 96 channels of buffered drive digital I/O to your SeaI/O network. Compatible with all SeaI/O base units (Ethernet, USB, RS-485, RS-232), the SeaI/O-463N 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 SeaI/O N-series expansion modules ship with an expansion and strap kit that includes four metal straps, four #4-40 screws, and a 5" RJ45 RS-485 interconnect cable. The metal straps allow you to connect multiple SeaI/O modules together in a stack. The interconnect cable can be used to connect SeaI/O modules 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 SeaI/O modules to create a distributed network.

To simplify ribbon cable installation, a printed copy of the Ribbon Cable Installation Instructions is included with all SeaI/O-463 orders.

SEALEVEL®

Features & Specifications
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Features

- 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
- DIN rail or table mount
- Includes expansion and strap kit (item# KT122)

Specifications

Family	Seal/O
Digital I/O	TTL I/O
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	Expansion
Number of Inputs/ Outputs	96 TTL
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Power	+5V @ 1A (5W) max.
Output Specification	Sink up to 64mA, Source up to 32mA
# of Ports	96
Power Requirement	9-30 VDC @ 2.0W
Storage Temperature	-50°C to 105°C (-58°F to 221°F)