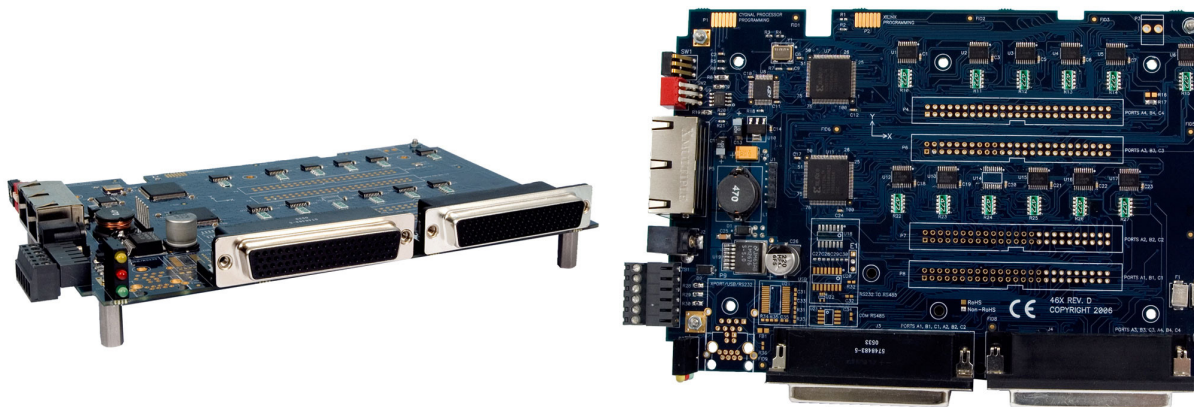


RS-485 Modbus RTU Interface to 96 Channel TTL Digital Interface

sealevel.com/product/462m-oem-rs-485-modbus-rtu-interface-to-96-channel-ttl-digital-interface



Part: 462M-OEM **Model:** Seal/O-462M-OEM

\$229.00

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Description

The Seal/O-462M-OEM is an RS-485 Modbus RTU interface module providing 96 channels of buffered drive digital I/O. The interface module addresses the 96 channels of I/O as 12 eight-bit ports, each programmable as input or output. Connect up to four industry-standard relay racks for PC based control and automation of equipment including sensors, switches, security control systems, and other industrial automation systems.

The Seal/O-462M-OEM makes the I/O available via dual DB-78 female connectors. For easy connection to relay racks, Sealevel offers a six-foot cable (Item# CA237) that terminates each DB-78 to two industry-standard 50-pin IDC connectors. The Seal/O-462M-OEM is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-462M-OEM using industry-standard Modbus RTU protocol or use the Sealevel [SeaMAX API](#) software libraries from your application program. Sealevel's [SeaMAX](#) software drivers and utilities make installation and operation easy using [Microsoft Windows](#) and [Linux](#) operating systems.

Expand your I/O network with Seal/O N-series products. Seal/O OEM boards are available with Reed and Form C relays, optically isolated inputs, TTL interfaces, A/D and D/A functionality. Up to 246 additional expansion modules can be added using convenient pass-through connectors.

Get a jump start on your digital I/O development with *The Digital I/O Handbook* that will provide helpful information that you will use again and again. Check out [Chapter 1](#) for an overview of logic principles.

Category: [RS-485](#)

Additional information

Family	Seal/O
Digital I/O	TTL I/O
Dimensions	7.5 (L) x 5.0 (W) x 0.8 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	RS-485
Number of Inputs/Outputs	96 TTL
OEM	Yes
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)

RS-485 Modbus RTU interface

96 channels of buffered TTL I/O via two DB-78 female connectors

Each 8-bit port individually configurable as input or output

Easily connects to industry-standard solid-state relay racks with 50-pin connectors, using optional CA237 cables

Status indicator LEDs for Communication, Fault, and Power

Input power via terminal block or modular connector

Includes four 3/4 metal standoffs with nuts

Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

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