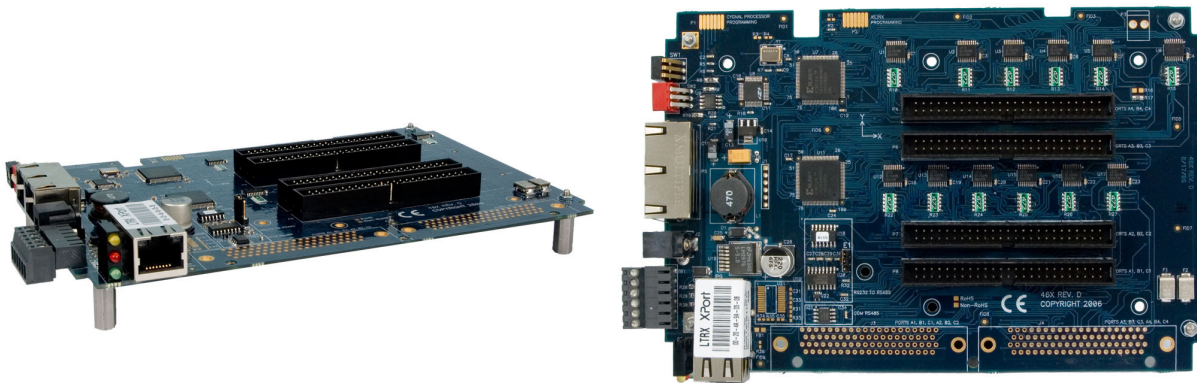# Ethernet Modbus TCP to 96 Channel TTL Digital Interface

sealevel.com/product/463e-oem-ethernet-modbus-tcp-to-96-channel-ttl-digital-interface

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

$263.00

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Description

The SeaI/O-463E-OEM Ethernet to digital I/O interface module provides 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. Using standard 50-pin IDC ribbon cables, 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. A metal strain relief bracket is included to secure the cables after installation. The Seal/O-463E-OEM is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-463E-OEM using industry-standard Modbus TCP 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.

The Sealevel Modbus Connect app for iOS allows you to access the registers, coils, and discrete I/O of your Sealevel Modbus devices and is available on the App Store. Use the app to remotely access I/O in the field or for testing and troubleshooting during application development.

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.

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

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.

Categories: Seal/O-E, Ethernet

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)	Ethernet
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
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

Watch Video At: https://youtu.be/ss7rbda06h8

Watch Video At: https://youtu.be/gNVYp7e9lPI

10/100BaseT Ethernet Modbus TCP 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
Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems