USB to 96 Channel TTL Digital Interface Adapter

Part: 8205FX | **Model:** SeaLINK PIO-96

This product is classified as legacy and will be supported with limited, available inventory. Call for current pricing and product availability.

Sealevel will support legacy products through technical and warranty support, software drivers and product manuals. Please contact Sales for further information. For new product designs, we recommend the SeaI/O-462U.

The SeaLINK® 8205FX USB digital I/O interface adapter provides 96 channels of buffered drive digital I/O. Connect 1, 2, 3 or 4 industry standard relay racks for PC based control and automation of equipment including sensors, switches, security control systems, and other industrial automation systems.

The 8205FX digital I/O interface adapter contains 12 groups of eight-bit I/O ports, configurable as inputs or outputs to suit the automation task. The mode of each group of ports is user selectable as inputs or outputs by simply writing a control word to the port register. This gives the user the ability to customize the combination of inputs and outputs as needed. Four 50-pin headers provide the interfaces to industry-standard relay racks and terminal blocks.

Sealevel's SeaIO Classic software drivers and utilities make installation and operation easy using Windows operating systems.

To simplify installation and configuration, a printed copy of the USB Digital I/O QuickStart Guide is included with all USB Digital I/O orders.

Important: This product is not supported on systems with USB 3.x ports, regardless of the speed of the USB port it is connected to. If you are a previous customer of non-FX SeaLINK digital I/O adapters, you must update your SeaIO driver for proper operation of this 8205FX module. Please read this Support Article for details.

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.

Delivering Design & Manufacturing Excellence Since 1986
WORLD CLASS. AMERICAN MADE.

SEALEVEL®

Features & Specifications
USB to 96 Channel TTL Digital Interface Adapter

Part: 8205FX | **Model:** SeaLINK PIO-96

Features

- Provides 96 channels of buffered TTL I/O
- Each 8-bit port individually configurable as input or output
- 10K ohm pull up resistors on each bit
- +5V power and ground provided on connector
- Four industry standard 50-pin solid-state relay rack connectors
- Includes 5VDC @ 2.4A wall mount power supply (Item# TR101)
- Includes 72" USB cable (Item# CA179)
- DIN rail mounting option available (Item# DR102)
- Sealevel SeaIO Classic software supports Windows operating systems

Specifications

Board Connector	(4) 50-Pin Headers
Family	SeaLINK
Digital I/O	TTL I/O
Dimensions	7.1 (L) x 5.3 (W) x 1.5 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	USB
Number of Inputs/Outputs	96 TTL
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Specification	Sink up to 64mA, Source up to 32mA
# of Ports	96
Power Requirement	+5V @ 2.4A
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
USB Specification	1.1 Compliant, 2.0 Compatible