

USB Digital I/O - SeaLink

USB to 48 Channel TTL Digital Interface Adapter

Item # 8203

The 8203 USB digital I/O interface adapter provides 48 channels of buffered drive digital I/O. Connect 1 or 2 industry standard relay racks for PC based control and automation of equipment including sensors, switches, security control systems, and other industrial automation systems.

The 8203 digital I/O interface adapter contains 6 groups of eight-bit I/O ports, configurable as inputs or outputs to suit the automation task. The mode of each of the 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. Two 50-pin headers provide the interfaces to industry standard relay racks and terminal blocks.

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.

Unique Features

- » 48 channels of buffered TTL I/O
- » Each 8-bit port individually configurable as input or output
- » 10K pull up resistors on each port bit
- » +5V power and ground provided on connector
- » Two industry standard 50-pin solid-state relay rack connectors
- » AC adapter included (Item# TR101)
- » 72" USB cable included (Item# CA179)
- » DIN rail mounting option available (Item# DR102)



Technical Specifications

Number of Channels	48 (TTL)
Power Requirement	+5V @ 2.4A
Output Specifications	Sink up to 64mA Source up to 32mA
Connectors	(2) 50-Pin Headers
USB Spec.	1.1 Compliant 2.0 Compatible
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
Dimensions	7.1 (L) x 5.3 (W) x 1.5 (H)