USB Digital I/O - SeaLink

USB to 96 Channel TTL Digital Interface Adapter

Item # 8205

The 8205 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 8205 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.

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

▸ 96 channels of buffered TTL I/O
▸ Each 8-bit port individually configurable as input or output
▸ 10K pull up resistors on each bit
▸ +5V power and ground provided on connector
▸ Four 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	96 (TTL)
Power Requirement	+5V @ 2.4A
Output Specifications	Sink up to 64mA
	Source up to 32mA
Connectors	(4) 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)

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