

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*



USB to 8 Isolated Inputs / 8 High-Current Form C Relay Outputs

Part: 520U | **Model:** SeaI/O-520U

Control and monitor 8 optically isolated inputs and 8 (SPDT) high-current Form C relay outputs via any USB connection with the SeaI/O-520U. Inputs can range from 5-30VDC and optical isolation protects the computer and other sensitive equipment from voltage transients and ground loops that are common in industrial environments. The high-current Form C relays can switch up to 6A loads at 250VAC and up to 5A at 30VDC. Form C relays can be wired for either normally open or normally closed operation. The SeaI/O-520U is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the SeaI/O-520U 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 SeaI/O N-series products. SeaI/O modules 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.

The SeaI/O-520U integrates Sealevel's SeaLATCH locking USB port, which is fully compatible with standard USB cables. When used with the included USB cable with a SeaLATCH USB type B connector, the metal thumbscrew provides a secure connection to the device and prevents accidental cable disconnection.

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.

Features & Specifications

USB to 8 Isolated Inputs / 8 High-Current Form C Relay Outputs

Part: 520U | **Model:** SeaI/O-520U

Features

- USB Modbus RTU interface
- 8 optically isolated inputs
- 8 SPDT high-current Form C relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- Sealevel's SeaLATCH locking USB port provides secure connection with SeaLATCH USB cables via metal thumbscrews
- DIN rail or table mount
- Includes 6' USB type A to SeaLATCH USB type B device cable (Item# CA356)
- Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

Specifications

Family	SeaI/O
Contact Current AC	6A max.
Contact Current DC	30 VDC @ 5A max
Contact Operate Time	10ms max.
Contact Release Time	10ms max.
Contact Voltage	250VAC30VDC
Digital I/O	Form C Relay Outputs, Isolated Inputs
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Isolation	300V
Input Range	5-30 VDC
Host Interface(s)	USB
Number of Inputs/ Outputs	8 Inputs 8 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	8/8
Power Requirement	9-30 VDC @ 3.8W
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
Switching Capacity	5 VDC @ 100mA min.
USB Specification	1.1 Compliant2.0 Compatible

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP