

USB Digital I/O - SeaDAC Lite

USB to 4 Isolated Inputs Digital Interface Adapter

Item # 8113

Control and monitor 4 optically isolated inputs via any USB connection with the 8113. Inputs can range from 5-30VDC. Status LEDs display I/O activity and field wiring is simplified via 3.5mm removable terminal blocks.

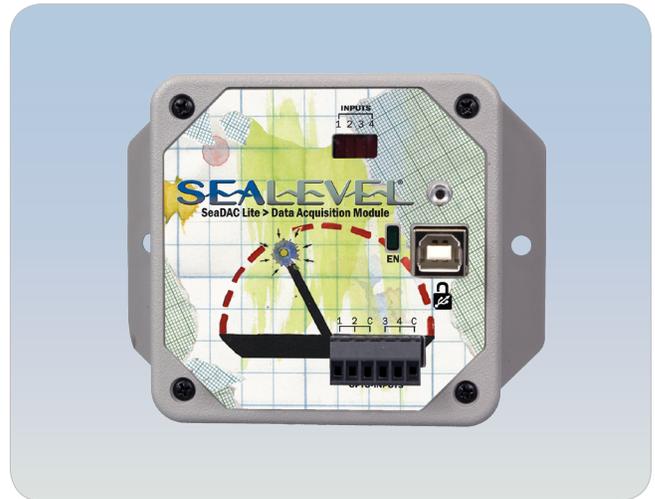
The SeaMAX software suite supports the SeaDAC Lite family and is designed to work with third party applications via the SeaMAX API. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Windows 2000, XP and Vista™ operating systems.

The 8113 integrates a patent-pending SeaLATCH™ 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.

SeaDAC Lite modules are housed in a rugged, attractive plastic enclosure ideal for mounting on walls, under counters, or inside panels. The 8113 is USB bus powered, so no external power supply is needed. Standard operating temperature range of SeaDAC modules is 0° C to 70° C and extended temperature range (-40° C to +85° C) is optional.

Unique Features

- ▶ 4 optically isolated inputs
- ▶ Optical isolation provides protection against surges and ground loops
- ▶ Removable 3.5mm screw terminal blocks simplify field wiring
- ▶ Optional removable spring-clamp terminal blocks available
- ▶ Status LEDs display serial transmit and receive activity
- ▶ Patent-pending SeaLATCH USB port provides locking connection with SeaLATCH USB cables via metal thumbscrews
- ▶ Powered by USB connection
- ▶ Sealevel software supports Windows 2000/XP/Vista operating systems
- ▶ Housed in rugged, attractive plastic enclosure
- ▶ Includes 6' USB type A to SeaLATCH USB type B device cable (Item# CA356)



Technical Specifications

Number of I/O	4 inputs
Power Requirement	+5V @ 500mA
Input Isolation	300V
Input Range	5-30 VDC
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
USB Specification	1.1 Compliant 2.0 Compatible
Dimensions	4.3 (L) x 3.4 (W) x 1.3 (H)

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