

# USB Digital I/O - SeaDAC Lite

## USB to 4 Reed Relay Outputs Digital Interface Adapter

Item # 8114

Control and monitor 4 Reed relay outputs via any USB connection with the 8114. The Reed relays provide long life switch closures well suited to low current devices. Each Reed relay has a discrete common. Status LEDs display I/O activity and field wiring is simplified via 3.5mm removable terminal blocks.

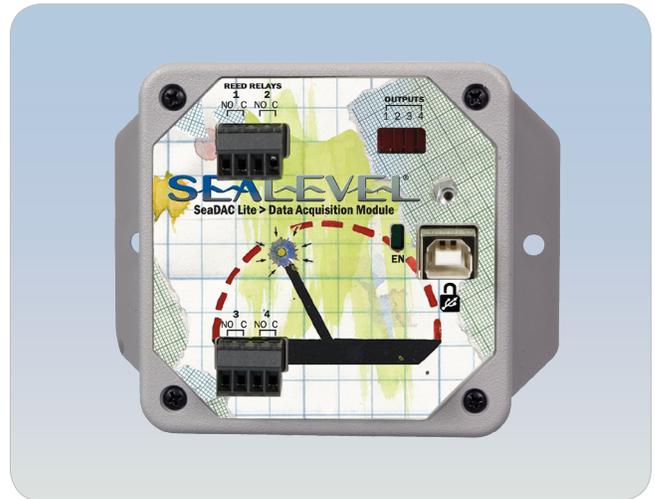
The SeaMAX software suite supports the SeaDAC Lite family and is designed to work with third party applications via the SeaMAX API. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Windows 2000, XP and Vista™ operating systems.

The 8114 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 8114 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 SPST Reed relays
- ▶▶ 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 outputs
Power Requirement	+5V @ 500mA
Contact Voltage	60VDC Max
Contact Current	500mA Max
Contact Operate Time	0.5ms Max
Contact Bounce Time	0.5ms Max
Contact Release Time	0.2ms Max
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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