



# USB to 4 Isolated Inputs Digital Interface Adapter

**Part:** 8113-KT | **Model:** SeaDAC Lite ISO-4 Kit

Control and monitor four optically isolated inputs via an internal USB connection with the 8113-KT. Inputs can range from 5-30VDC and provide 3500VDC (2500VAC RMS) isolation to ground. 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 and Linux operating systems.

The 8113-KT is USB bus powered, so no external power supply is needed. A 2mm 4-pin Molex vertical header provides an internal USB connection to your host system. Standard operating temperature range of SeaDAC modules is 0C to +70C and extended temperature range (-40C to +85C) is optional.

The intelligent Porthole design is perfect for expanding industrial computing platforms using only an internal USB connection. iPorthole modules include an intelligent USB I/O board with Sealevel's innovative Porthole mounting plate for installation in a Relio or custom enclosure. Simply design the 3.2" x 3.1" Porthole mounting footprint into your enclosure to mix and match iPorthole USB I/O modules for maximum configurability. The Porthole footprint offers a standardized method for interfacing real-world I/O connections.

## Features & Specifications

### USB to 4 Isolated Inputs Digital Interface Adapter

**Part:** 8113-KT | **Model:** SeaDAC Lite ISO-4 Kit

#### Features

- 4 optically isolated inputs
- Optical isolation provides protection against surges and ground loops
- Field wiring is simplified via removable 3.5mm terminal blocks compatible with 16-30 AWG wire
- Optional removable spring-clamp terminal blocks available
- Status LEDs display I/O activity and USB connection
- Powered by USB connection
- Sealevel software supports Windows 7/Vista/XP/2000 operating systems
- Includes Molex 4-pin vertical 2mm locking header for USB connection (Mating connector Molex# 35507-0400)

#### Specifications

<b>Family</b>	Microsoft
<b>Digital I/O</b>	Isolated Inputs
<b>Dimensions</b>	3.2 (L) x 3.1 (W) x 0.8 (H)
<b>Extended Temperature</b>	Call for Options
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Input Isolation</b>	2500VAC RMS, 3500VDC
<b>Input Range</b>	5-30 VDC
<b>Input Impedance</b>	6.2K Ohms (in series)
<b>Host Interface(s)</b>	USB
<b>Number of Inputs/Outputs</b>	4 Inputs
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b># of Ports</b>	4
<b>Power Requirement</b>	+5V @ 500mA
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)
<b>USB Specification</b>	1.1 Compliant, 2.0 Compatible