

# USB Digital I/O - SeaDAC

## USB to 32 Optically Isolated Inputs Digital Interface Adapter

Item # 8223

Interface 32 optically isolated inputs via any USB connection with the 8223. Inputs can range from 5-30VDC and provide 300V external isolation. Connection is made using convenient 3.5mm removable screw terminal connectors. To facilitate easy wiring, the inputs are grouped in 4-bit segments that each share a common.

SeaDAC modules are housed in a rugged, attractive plastic enclosure and include a highly-retentive USB Type B connector to prevent accidental disconnection. The 8223 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.

The SeaMAX software suite supports the SeaDAC family and is designed to work with third party applications via the SeaMAX API. Installation and operation is easy using Windows 2000/XP and SeaMAX now supports the Windows Vista operating system. Download the updated driver below.

### Unique Features

- ▶ 32 optically isolated inputs
- ▶ Removable screw terminals simplify field wiring
- ▶ High-retention USB Type B connector prevents accidental disconnection of USB cable
- ▶ Powered by USB connection
- ▶ Sealevel software supports Windows 2000/XP/Vista operating systems
- ▶ Housed in rugged, attractive plastic enclosure
- ▶ 72" USB A to B cable included



### Technical Specifications

Number of I/O	32 Inputs
Power Requirement	+5V @ 500mA
Input Isolation	300V
Input Range	5-30 VDC
Input Resistance	6.2K Ohms (in series)
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	9.2 (L) x 5.3 (W) x 1.7 (H)

# SEALEVEL

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