

SealISO™ USB Isolators

SealISO-I, SealISO-IR, SealISO-I-OEM



Features

- > Protects host and field equipment from ground loops, damaging surges and transients
- > Provides medical-grade 4 kV isolation, data and power
- > UL Recognized in accordance with EN60601-1 3rd Edition requirements
- > Powered by USB host connection
- > Up to of 1.1 A output current when connected to a high-power USB port
- > Provides 300 mA to downstream USB devices when connected to standard 500 mA USB port
- > Supported in Microsoft Windows, Linux and other USB aware operating systems

SealISO UL Recognized, Medical-Grade USB Isolators Protect Connected USB Devices

The SealISO™ family of USB isolators provides 4 kV of medical-grade optical isolation between the host computer and connected USB equipment. SealISO USB isolators are UL Recognized, in accordance with EN60601-1 3rd Edition, and protect both the power and data lines of connected USB devices from harmful ground loops, damaging transients and surges commonly found in commercial, industrial and medical environments.

Supported in Microsoft Windows, Linux, and other USB aware operating systems, SealISO USB isolators require no separate drivers and are easy to install. The isolators are USB 2.0 compatible devices and connect to the host over a high-speed link, while featuring full-speed (12 Mbps) data rates to connected downstream USB devices.

SealISO USB isolators are available in three versions. The ISO-I is housed in a rugged plastic enclosure with mounting ears and includes removable cables. The ISO-1R is a rugged-grade overmolded cable "bump" design for rugged environments. The ISO-I-OEM is a small circuit board ideal for embedding into hardware applications that require USB isolation.



ISO-1R

SEALEVEL®