2 Port USB Serial

USB to Isolated RS-232, RS-422, RS-485 DB9 Serial Interface Adapter

Item # 2213

The 2213 USB to isolated serial interface adapter offers an easy way to connect two serial devices to a USB port. Each DB9M serial port is individually configurable for RS-232, RS-422, or RS-485 via dip switches accessible through the case. There is never a need to open the enclosure, simplifying field installation and service. Optical isolation helps prevent damage caused by surges and ground loops commonly found in industrial environments. Status LEDs on each serial port display transmit and receive activity, and data rates to 921.6K bps are supported.

Sealevel's SeaCOM USB software drivers and utilities make installation and operation easy using Windows 98SE, ME, 2000, XP and Vista™ operating systems. After installing the software, simply connect the 2213 serial adapter to your USB port. The device is immediately recognized by the host system with both serial ports appearing as standard COM ports, enabling compatibility with legacy software. The 2213 is USB bus powered, eliminating the need for an external power supply.

The 2213 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.

Ready for DIN rail mounting, the 2213 includes a removable plastic clip that snaps onto 35mm DIN rail. The clip can also be attached to a wall, under a counter, or inside a panel with optional screws.

Technical Specifications

Number of Ports	2
Communications Chip	USB/UART
Max Data Rate	921.6K bps
Max Data Distance	50 feet (RS-232)
	4000 feet (RS-485)
USB Specification	1.1 Compliant
	2.0 Compatible
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
Power Requirement	+5V @ 300mA
Dimensions	4.5 (L) x 3.5 (W) x 1.3 (H)

Unique Features

▸ Each port individually configurable for RS-232, RS-422, or RS-485

▸ High speed UART with 128-byte Tx FIFO and 384-byte Rx FIFO

▸ Optical isolation provides protection against surges and ground loops

▸ Supports data rates to 921.6K bps

▸ Automatic RS-485 enable/disable

▸ Patent-pending SeaLATCH USB port provides locking connection with SeaLATCH USB cables via metal thumbscrews

▸ Status LEDs display serial transmit and receive activity

▸ Powered by USB connection

▸ DB9M connectors

▸ Sealevel software supports Windows 98SE/ME/2000/XP/Vista and Linux operating systems

▸ Includes 6' USB type A to SeaLATCH USB type B device cable (Item# CA356)

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