

# USB to 1-Port Isolated RS-232, RS-422, RS-485 DB9 Serial Interface Adapter

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**Part:** 2113 **Model:** SeaLINK+I.DIN



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## Description

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The SeaLINK® 2113 USB to isolated serial interface adapter offers an easy way to connect a serial device to a USB port. The DB9M serial port is 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 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 Microsoft Windows and Linux operating systems. After installing the software, simply connect the 2113 serial adapter to your USB port. The device is immediately recognized by the host system with the serial port appearing as a standard COM port, enabling compatibility with legacy software. The 2113 is USB bus-powered, eliminating the need for an external power supply.

The 2113 integrates Sealevel's [SeaLATCH locking 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 2113 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.

Do you know that adapter design can impact your application? Find out how in this [USB Serial](#) performance report.

Category: [One Port](#)

## Additional information

<b>Family</b>	SeaLINK
<b>Communications Chip</b>	USB/UART
<b>Dimensions</b>	4.5 (L) x 3.5 (W) x 1.3 (H)
<b>Electrical Interface</b>	RS-232, RS-422, RS-485
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Host Interface(s)</b>	USB

<b>Max Data Distance</b>	50 feet (RS-232), 4000 feet (RS-485)
<b>Max Data Rate</b>	921.6K bps
<b>Optically Isolated</b>	Yes
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b># of Ports</b>	1
<b>Power Requirement</b>	+5V @ 300mA
<b>RoHS Compliant</b>	Yes
<b>SeaLATCH Locking USB</b>	Yes
<b>Serial Connector(s)</b>	DB9M
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)
<b>USB Powered</b>	Yes
<b>USB Specification</b>	1.1 Compliant, 2.0 Compatible

Compliant with RoHS and WEEE directives  
 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 up to 2,000V AC protection against surges and ground loops  
 Supports data rates to 921.6K bps  
 Automatic RS-485 enable/disable  
 Sealevel's SeaLATCH locking USB port provides secure connection with SeaLATCH  
 USB cables via metal thumbscrews  
 Status LEDs display serial transmit and receive activity  
 Powered by USB connection  
 DB9M connector  
 Sealevel software supports Windows and Linux operating systems  
 Includes 6' USB type A to SeaLATCH USB type B device cable (Item# [CA356](#))

