USB to 1-Port RS-422 DB9 Serial Interface Adapter

Part: 2105R | **Model:** SeaLINK+232-DB9

The 2106 USB serial adapter provides a single RS-422 serial port that simplifies adding USB connectivity to legacy non-USB RS-422 applications via a standard DB9M connector. The adapter incorporates rugged, molded connectors that improve reliability in automation, factory floor, industrial and mobile applications.

The USB serial adapter features programmable baud rate and data formats with 128-byte transmit and 384-byte receive buffers. The adapter is powered by the USB port, is compatible with all standard PC baud rates and supports high-speed communication to 921.6 Kbps.

Sealevel's SeaCOM software drivers and utilities make installation and operation easy using Microsoft Windows and Linux operating systems. After installing the software, simply connect the SeaLINK® serial interface adapter to your USB port and the device is immediately recognized by the system as a standard COM port.

The attached cable is approximately 60 inches long and fully shielded to protect the 2106 from RF and EMI interference that is common in mobile and industrial environments. The 2106 operates over a wide 0°C to 70°C and is available in an extended temperature version.

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

SEALEVEL®

Features & Specifications

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Features

- Compliant with RoHS and WEEE directives
- High speed UART with 128-byte Tx FIFO and 384-byte Rx FIFO
- Data rates to 921.6K bps
- Rugged construction using molded connectors
- Powered by USB connection
- Sealevel software supports Windows 98SE/ME/2000/XP/Vista and Linux operating systems
- Total length 60"
- DB-9M connector

Specifications

Family	SeaLINK
Communications Chip	USB/UART
Communications Chip	16C954
Dimensions	Overmold: 2.675" (L) x 1.02" (W) x 0.6" (H)Overall Length: 60"
Electrical Interface	RS-422
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	USB
Max Data Distance	4000 feet
Max Data Rate	921.6K bps
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	1
Power Requirement	+5V @ 100mA
RoHS Compliant	Yes
Serial Connector(s)	DB9M
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
USB Powered	Yes
USB Specification	1.1 Compliant, 2.0 Compatible