

	<p><b>KEY FEATURES</b></p> <ul style="list-style-type: none"> <li>▶ Configurable as RS-422, RS-485, or RS-530</li> <li>▶ Optical isolation provides protection against transients and group loops</li> <li>▶ High speed UART with 128-byte Tx FIFO and 384-byte Rx FIFO</li> <li>▶ Data rates to 921.6K bps</li> <li>▶ Automatic RS-485 enable/disable</li> <li>▶ Hot-swappable</li> <li>▶ Powered by USB connection</li> <li>▶ Total length 72"</li> <li>▶ DB-25M connector</li> <li>▶ Software supports Windows98SE/ME/2000/XP/Vista and Linux OS</li> </ul>
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**DESCRIPTION**

The ELK-USB2104 USB serial interface adapter provides one isolated RS-422 or RS-485 serial port for control and automation applications. Isolation helps to prevent damage caused by ground loops and surges. Power for the ELK-USB2104+485I is obtained directly from the USB cable, eliminating the need for wall power. The 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 ELK-USB2104 serial interface adapter to your USB port and the device is immediately recognized by the system as a standard COM port.

**SPECIFICATIONS**

Number of ports	1
Communications chip	USB/UART
Max. data rate	921.6K bps
Max. data distance	Up to 4000 ft.
USB Specification	1.1 Compliant, 2.0 Compatible
Power Requirement	+5V @ 100mA
Dimensions	3.8" (L) x 2.3" (W) x 1.0" (H)
Operating Temperature	0 - +70°C
Storage Temperature	-50 - +105°C
Humidity Range	10 - 90% R.H.

**ORDERING INFORMATION**

MODEL	DESCRIPTION
ELK-USB2104	USB to Isolated RS-422, RS-485, RS-530 DB25 Serial Interface Adapter
ELK-CA104	DB25 Female to DB25 Male Extension Cable, 72" in Length
ELK-DB104	DB25 Female (RS-422) to DB9 Female (Opto 22 Optomux) Converter
ELK-HUB4	High Speed USB 2.0 4-Port Hub
ELK-HUB7	High Speed USB 2.0 7-Port Hub
ELK-KT104	Terminal Block Kit – ELK-TB04 + ELK-CA104 Cable
ELK-TB04-KT	Terminal Block Kit - DB25 Female to 25 Screw Terminals, 6" Snap Track & DIN-Rail Mounting Clips
ELK-RJ25S8	DB25 Female to RJ45 Modular Adapter

All Specifications within this document are subject to change without notice.



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