

	<p><b>KEY FEATURES</b></p> <ul style="list-style-type: none"> <li>▶ Utilizes high speed UARTs with 128-byte Tx FIFOs and 384-byte Rx FIFOs</li> <li>▶ Housed in rugged, attractive plastic enclosure</li> <li>▶ Powered by USB connection</li> <li>▶ Provides 4 RJ45 serial ports with Tx/Rx status LEDs</li> <li>▶ VersaCom design allows RS-232 or two-wire RS-485 selection via cabling on each individual port</li> <li>▶ High-retention USB type "B" connector prevents accidental disconnection of USB cable</li> <li>▶ Integrates transmit and receive LED indicators on each port</li> <li>▶ Software supports Windows 98SE/ME/2000/XP/Vista and Linux operating systems</li> <li>▶ Includes 72" USB cable (Item# CA179)</li> </ul>
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**DESCRIPTION**

The ELK-USB2407 4-port USB to serial adapter offers an easy way to connect multiple RS-232 or RS-485 devices via a single USB port. With the unique VersaCom multi-interface connector design included on the ELK-USB2407, both RS-232 and two-wire RS-485 signals are always present and active on the RJ45 serial connectors. Simply select the appropriate pin out for RS-232 or two-wire RS-485 on each individual port. There is never a need to open the enclosure to set internal jumpers or switches, so field installation and service is easy. Status LEDs display transmit and receive data activity. 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, the serial ports appear as standard COM ports to the host system enabling compatibility with legacy software. The ELK-USB2407 uses a state machine architecture that greatly reduces the host computer's overhead when communicating over multiple ports simultaneously. Data rates up to 921.6K bps are supported. The ELK-USB2407 is USB bus powered, so no external power supply is required. For conveniently powering serial peripherals, ordering options allow an external power source to be connected to a DC jack on the rear of the unit. The supplied power is fused and connected to pin 5 on each of the four RJ45 connectors. To further simplify connecting to VersaCom RJ45 connectors, ASAN ST offers a number of accessories including RJ45 modular adapters. With these helpful adapters you can easily connect to serial ports on virtually any computer, PLC, or peripheral regardless of the device's serial connector type or gender. For more information please browse our full line of adapters and converters.

**SPECIFICATIONS**

Number of ports	4
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
Power Requirement	+5V @ 300mA
Dimensions	9.2" (L) x 5.3" (W) x 1.7" (H)
Operating Temperature	0 - +70°C
Storage Temperature	-50 - +105°C
Humidity Range	10 - 90% R.H.

**ORDERING INFORMATION**

MODEL	DESCRIPTION
ELK-USB2407	USB to RS-232, RS-485 RJ45 VersaCom Serial Interface Adapter
ELK-USB2407-DC05	USB to RS-232, RS-485 RJ45 VersaCom Serial Interface Adapter, for Powering 5VDC Serial Peripherals
ELK-USB2407-DC12	USB to RS-232, RS-485 RJ45 VersaCom Serial Interface Adapter, for Powering 12VDC Serial Peripherals
ELK-USB2407-DC24	USB to RS-232, RS-485 RJ45 VersaCom Serial Interface Adapter, for Powering 24VDC Serial Peripherals
ELK-CA127	DB9 Male to DB9 Female 72" in Length
ELK-CA246	CAT5 Patch Cable, 7' in Length - Blue
ELK-CA247	CAT5 Patch Cable, 10' in Length - Blue
ELK-HUB4	High Speed USB 2.0 4-Port Hub
ELK-HUB7	High Speed USB 2.0 7-Port Hub
ELK-KT105	Terminal Block Kit - ELK-TB05 + ELK-CA127 Cable
ELK-RJ25P232	DB25 Male to RJ45 - Preconfigured for RS-232 RJ45 Serial Devices
ELK-RJ25P8	DB25 Male to RJ45 Modular Adapter
ELK-RJ9P-232	DB9 Male to RJ45 - Preconfigured for RS-232 RJ45 Serial Devices
ELK-RJ9P8	DB9 Male to RJ45 Modular Adapter
ELK-TB05	Terminal Block - DB9 Female to 9 Screw Terminals
ELK-TBRJ45-KT	Terminal Block Kit - RJ45 to 9 Screw Terminals

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



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