



# Ethernet to 2-Port RS-422, RS-485 Serial Server Kit

**Part:** 4202-TB2 | **Model:** SeaLINK+2.485 Kit

The 4202-TB2 kit includes two TB34 terminal blocks that simplify RS-422 and RS-485 field wiring. Each terminal block adapter includes a DB9 female connector and five screw terminals.

The 4202 Ethernet to serial server is the easiest way to connect RS-422 or RS-485 serial devices to your Ethernet network. SeaLINK® products use industry-standard RFC 2217 TCP/IP protocol for maximizing compatibility with the widest range of applications and devices.

Sealevel's SeaLINK software drivers and utilities make installation and operation easy using Microsoft Windows operating systems. After software installation, the 4202's serial ports appear as virtual COM ports to the host machine. Standard serial operating calls are transparently redirected to the 4202, guaranteeing compatibility with legacy serial devices and enabling backward compatibility with existing software. Serial tunneling is also supported, allowing two native serial devices to communicate over a network. Alternatively, raw data socket mode is supported, eliminating the need for a driver.

To simplify installation and configuration, a printed copy of the SeaLINK QuickStart Guide is included with all Ethernet serial server orders.

## Features & Specifications

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#### Features

- Ethernet 10/100BaseT (autosense)
- Each port configurable as RS-422 or RS-485
- Appears as a virtual COM port to host machine
- Data rates to 230.4K bps
- Supports custom baud rates and 9-bit protocol
- Automatic RS-485 enable/disable
- Hot-swappable
- Built-in watchdog/reset circuit for fault tolerance
- Two DB9M connectors
- Includes 120V AC adapter that outputs 5VDC @ 1A (Item# TR107)
- Includes 7' Ethernet patch cable (Item# CA246) and 7' Ethernet crossover cable (Item# CA251)
- Sealevel SeaLINK software supports Microsoft Windows and Linux operating systems
- Kits includes two TB34 terminal block adapters

#### Specifications

<b>Family</b>	SeaLINK
<b>Dimensions</b>	5.0 (L) x 4.2 (W) x 1.1 (H)
<b>Electrical Interface</b>	RS-422, RS-485
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Host Interface(s)</b>	Ethernet
<b>Max Data Distance</b>	4000 feet
<b>Max Data Rate</b>	230.4K bps
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b># of Ports</b>	2
<b>Power Requirement</b>	+5V @ 500mA
<b>Serial Connector(s)</b>	DB9M
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)