

# Ethernet to 8-Port RS-232, RS-422, RS-485 Serial Server

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**Part:** 4803 **Model:** SeaLINK+8.ULTRA

## Description

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The SeaLINK 4803 Ethernet to serial server is the easiest way to connect RS-232, 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 4803's serial ports appear as virtual COM ports to the host machine. Standard serial operating calls are transparently redirected to the 4803, 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. Each port can be individually configured as RS-232, RS-422, or RS-485.

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

Category: Eight Port

## Additional information

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<b>Family</b>	SeaLINK
<b>Dimensions</b>	8.6 (L) x 6.1 (W) x 2.0 (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>	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>	8
<b>Power Requirement</b>	+5V @ 1A
<b>Serial Connector(s)</b>	DB9M
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)

Ethernet 10/100BaseT (autosense)

Each port individually configurable for RS-232, RS-422, or RS-485

Automatic RS-485 enable/disable

Appears as a virtual COM port to host machine

Data rates to 230.4K bps

Supports custom baud rates and 9-bit protocol

Built-in watchdog/reset circuit automatically recovers the converter from unexpected error-states

Eight DB9M connectors

DIN rail mounting option (Item # DR103)

Includes 120V AC adapter that outputs 5VDC @ 2.4A (Item# TR101)

Includes 7' Ethernet patch cable (Item# CA246) and 7' Ethernet crossover cable (Item#

CA251)

Sealevel SeaLINK software supports Microsoft Windows and Linux operating systems