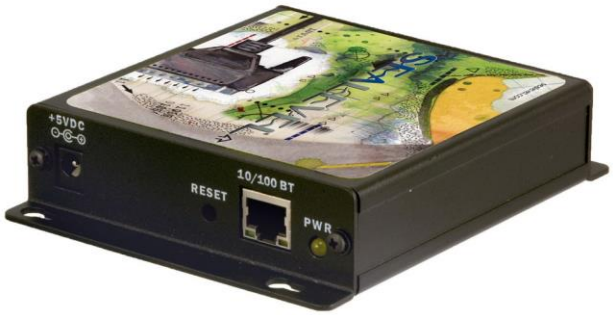
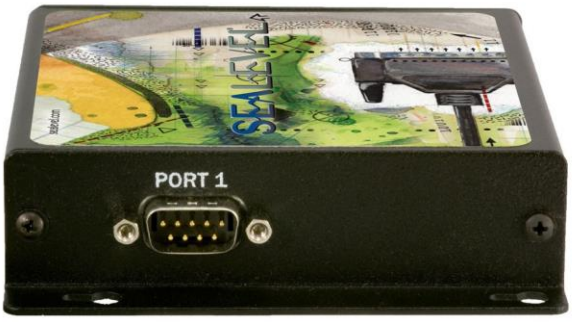
Ethernet to 1-Port RS-422, RS-485 Serial Server





Part: 4102 **Model:** SeaLINK.485

Description

The 4102 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 4102's serial ports appear as virtual COM ports to the host machine. Standard serial operating calls are transparently redirected to the 4102, 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.

Category: One Port

Additional information

Family	SeaLINK
Dimensions	5.0 (L) x 4.2 (W) x 1.1 (H)
Electrical Interface	RS-422, RS-485
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	Ethernet
Max Data Distance	4000 feet
Max Data Rate	230.4K bps
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	1

Power Requirement	+5V @ 500mA
Serial Connector(s)	DB9M
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

Ethernet 10/100BaseT (autosense)
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 automatically recovers the converter from unexpected error-states
Single DB9M connector
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

Copyright 1996 - 2021 - Sealevel Systems, Inc. All rights reserved.