



SealINK QuickStart Guide

Virtual COM Port Installation Instructions

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SeaLINK Virtual COM Port QuickStart Guide

This QuickStart guide covers all Sealevel Ethernet serial server devices

SeaLINK software is a serial COM port redirector that creates virtual COM ports and provides access to serial devices connected to a SeaLINK Ethernet serial server. SeaLINK allows you to configure Microsoft Windows applications to communicate with networked serial devices as easily as if they were physically installed in the host PC. Refer to the user manual on the CD for detailed information.

Note: Before installing SeaLINK, confirm that you are running one of the following versions of Windows: 98, ME, NT 4.0 SP6, 2000, XP SP1, or 2003. Make sure the SeaLINK device is connected to power and a local network port. Refer to the user manual for Linux installation instructions.

Step 1 Log in as a user with Administrator privileges and quit all Windows applications that use COM ports.

Step 2 Start the SeaLINK installation by selecting the part number for your device on the Install CD, or by launching the SeaLINK installation file available on the webpage for your device.

Step 3 The installation wizard will start. SeaLINK will install the Ethernet port redirector (SeaLINK) software and test utility (WinSSD) - affirm the license agreement and installation begins. A screen may appear with, "The publisher cannot be determined..." Please click on the 'Yes' button to proceed with the installation.

Step 4 Once SeaLINK has completed installation, a window titled "Select Ports" opens - CLOSE this window and any other open windows.

Step 5 Launch the SeaLINK Config utility (Start -> Programs -> SeaLINK -> SeaLINK Config) and it will automatically locate SeaLINK devices on the network.

Step 6 Select a SeaLINK device in the "Available SeaLINK Devices" list. The serial ports that can be assigned to virtual COM ports will be shown in the "Virtual COM Ports" pane.

Step 7 Select the serial ports you wish to map and press the Add '>' button (or you can press the Add All '>>' button to map all the available serial ports).

Step 8 In the "Local Virtual COM Port" listing, select a starting virtual COM port and click 'OK'.

Step 9 The selected serial ports will be mapped to virtual COM ports in sequential order. The COM ports in the "Virtual COM" listing are now available for use by Windows applications. For applications that use modems, refer to the Create Modem Devices section of the user manual.

Step 10 Before the SeaLINK device can be used, it must be assigned an IP address valid to your network. When first powered up, the device will attempt to automatically obtain an IP address using DHCP. If the device is linked but cannot locate a DHCP server, the link LED on the box will flash, indicating that the device does not have valid network settings. If the LED is flashing, you will need to assign a static IP address. Click on the 'Device Settings' button shown in the previous step. You can disable DHCP and set an IP address in the "Device Settings" window.

Step 11 Once the SeaLINK device has been assigned an IP address, you can configure it through the onboard webserver. Click on the 'Advanced...' button (shown in Step 9) to load the device webpage in your default browser. The onboard webserver provides a "Summary" page listing various details about the device, a "Port Settings" page allowing you to configure the aspects of each serial port, and an "Administration" page letting you change the network and security settings. Some options or settings may not be available depending on the model SeaLINK device you are using. Refer to the "Onboard Web Server Configuration" section of the user manual for detailed information.

Step 12 After properly configuring your SeaLINK device, close the "SeaLINK Config" and web browser windows. Congratulations! You are now ready to start using your new Ethernet serial server. Proceed with setting up your Windows applications to work with the new virtual COM ports.

