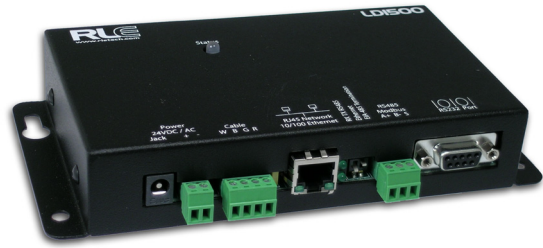


# LD1500 Quick Start Guide



**T**hank you for purchasing the SeaHawk LD1500. This guide describes how to install the LD1500.

If you need further assistance, contact RLE Technologies on our website at <http://www.rletech.com/> (go to the **Support Link**) or by calling **970.484.6510, Option 2.**



## 1 Supplies for Installation

### Included with the LD1500

- ◆ Wall mount kit (or purchase optional enclosure, LD-ENC)
- ◆ Crossover cable (blue with yellow ends)
- ◆ 15ft. (4.57m) leader cable
- ◆ End-of-line terminator (EOL)

### Sold Separately

- ◆ SeaHawk Leak Detection Cable
- ◆ 24VAC power supply (WA-AC-24-ST) or 24VDC power supply (PSWA-DC-24-ST)

### Information You Need

Consult with your IT administrator to determine the following network settings for the LD1500:

- ◆ IP address \_\_\_\_\_
- ◆ Subnet mask \_\_\_\_\_
- ◆ Default gateway \_\_\_\_\_

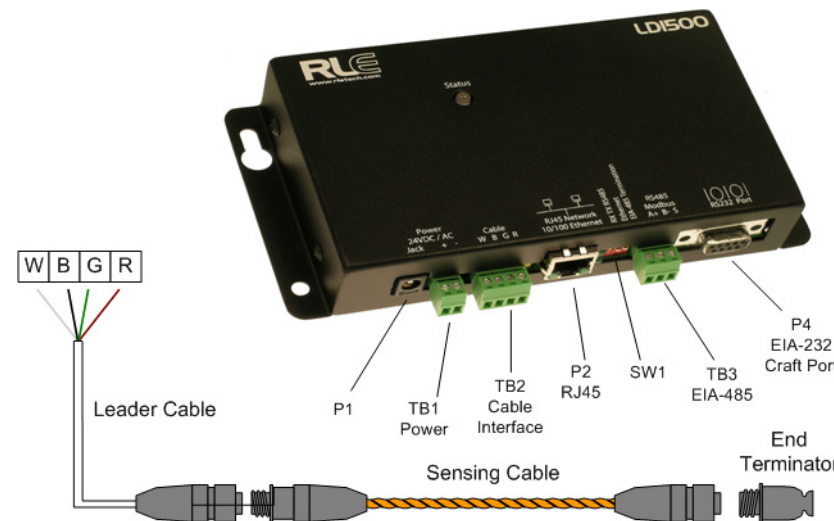
## 2 Installing the SeaHawk LD1500

The LD1500 is a panel mounted device. Using the wall mount kit (included) or the LD-ENC wall-mountable enclosure (sold separately), mount the device to the wall in a convenient location.

## 3 Connecting the Water Leak Detection Cable

The LD1500 includes a 15-foot (4.57m) leader cable and an end-of-line (EOL) terminator. To connect the leader cable:

- 1 Locate the stripped end of the leader cable and the terminal block labeled "Cable" on the LD1500.
- 2 With the screws of the terminal block connector facing up, connect the leader cable wires in this order from left to right: white, black, green, and red.
- 3 Unscrew the EOL terminator from the end of the leader cable.
- 4 Attach the first length of sensing cable to the leader cable.
- 5 Route the sensing cable according to a cable layout diagram; refer to the LD1500 User Guide for details about the layout diagram.
- 6 Secure the EOL terminator on the unoccupied end of the sensing cable.



## 4 Applying Power to the LD1500

The LD1500 operates on either 24VAC or 24VDC power.



**WARNING**

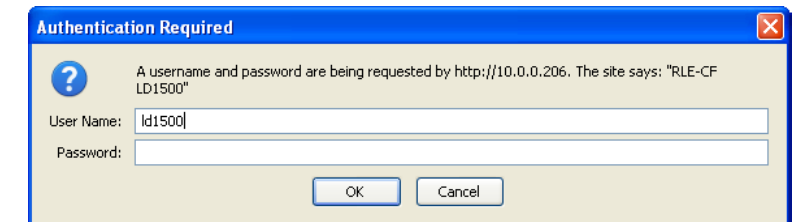
**A dedicated circuit breaker must be provided within close proximity to the LD1500 and be clearly marked as the disconnecting device for the LD1500 leak detection controller.**

- 1 Run a power supply to the location of the unit.
  - Note:** RLE recommends the use of a 24VDC wall adapter power supply (PSWA-DC-24-ST), which is available separately.
- 2 Wait approximately one minute for the LD1500 to start up. No alarm should be present. If an alarm is present, consult the *LD1500 User Guide* at <http://www.rletech.com>.

## 5 Accessing the Configuration Menu

You will use the Configuration Menu to configure communications for the LD1500.

- 1 Plug the crossover cable (included with the LD1500) into the computer that will be used to configure the LD1500.
  - Note:** This cable is not intended to be connected to a network hub.
- 2 Connect the other end of the crossover cable to the Ethernet port on the back of the LD1500.
  - Note:** Alternatively, you could use the LD1500's EIA-232 interface to access the LD1500. Refer to the *LD1500 User Guide* (available at <http://www.rletech.com>) for instructions.
- 3 Write down the computer's current IP address, subnet mask, and default gateway. Change these items temporarily so that the computer can communicate with the LD1500.
  - LD1500 default IP address: 10.0.0.188
  - LD1500 default subnet mask: 255.255.255.0
- 4 Access the LD1500 through a Web browser by typing the LD1500's default IP address (10.0.0.188) into the location bar and pressing Enter.



Enter the following:

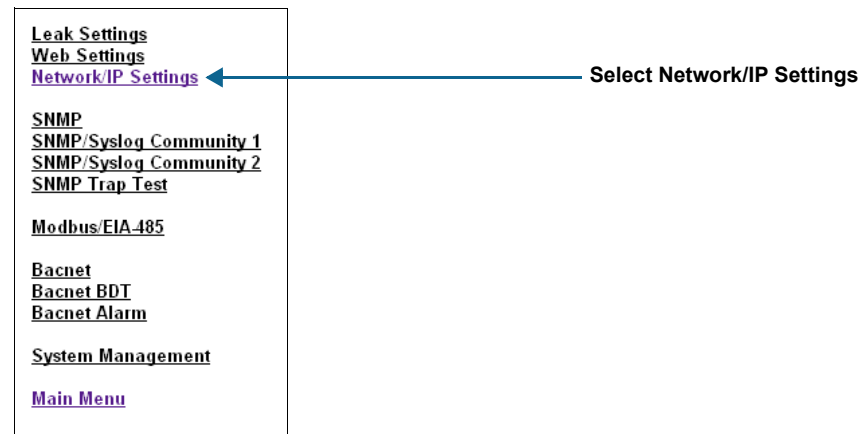
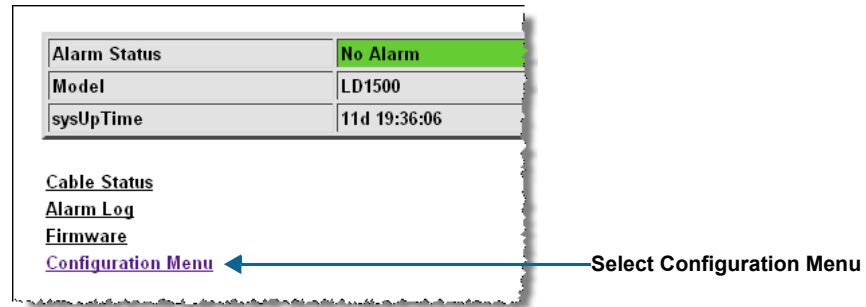
**Default User Name:** ld1500 (case sensitive)  
**Default Password:** (No default password. Leave this field blank.)

Once you enter this information, the home page for the LD1500's web interface displays. Continue to the following section to configure network communication for the LD1500.

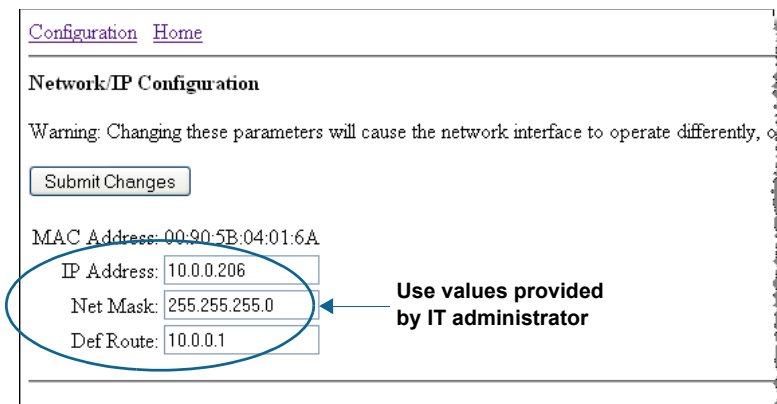
## 6 Configuring Network Communication

**IMPORTANT** Consult your IT administrator before performing these steps.

- 1 From the home page of the LD1500's web interface, select the Configuration Menu link. Then, select Network/IP Settings from the Configuration Menu.



The Network/IP Configuration page displays.



**LD1500 Default Values**  
IP address: 10.0.0.188  
Subnet mask: 255.255.255.0

- 2 Enter the values for IP Address, Net Mask (subnet mask), and Def Route (default gateway) provided by your IT administrator.
- 3 Click the Submit Changes button.

Once you enter the values and click the Submit Changes button, the LD1500 saves the changes and reboots. The system status LED on front of the LD1500 stops flashing.

- 4 Reset the computer to its original IP address and subnet mask.

**Note:** This step might require assistance from your IT administrator.

The computer and the LD1500 are now both configured to communicate on the network.

- 5 Connect the computer and the LD1500 to the network.
- 6 From the computer's Web browser, go to the new IP address of the LD1500.
- 7 When prompted, enter the user name and password to verify network access to the LD1500 (as you did in [step 4](#) in the previous section).

If the login window for the LD1500 does not display:

- a Verify that the cables are firmly attached.
- b Verify that you entered the correct IP address for the LD1500.
- c Verify that the Status light on the top of the LD1500 is green.

For troubleshooting and additional configuration information, consult the *LD1500 User Guide* available at [www.rletech.com](http://www.rletech.com)