

Favorites

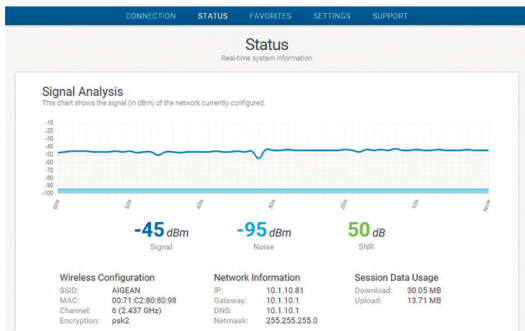
By default, the device will automatically save each network that it successfully connects to your Favorites. This means that if the device is not connected to another network, it will connect to a Favorite when available.

Favorites are denoted by a orange star on the right hand side of the network scan page.

By clicking on the "Favorites" link at the top of the page you can alter settings for each favorite. The connected network will always be at the top of the list.

Status

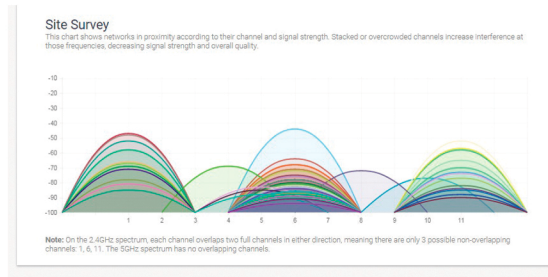
Clicking the "Status" link at the top of the page will take you to the Status Page. This can be very useful for troubleshooting.



The top graph shows your Hotspot's signal over time. Dropouts usually indicate an issue at the Hotspot itself, or some object blocking your line of site to the antenna.

A "good" signal will generally be between -50 and -60 dBm. A lower number is stronger. Signals in the -70's and lower will be much weaker. You'll also see extended info on the network here, as well as data usage for the current connection session.

The Site Survey at the bottom of the page gives you a snapshot of the Wi-Fi environment at that location. You'll see each network listed, as well as the channel and signal strength. If you are trying to connect to a Hotspot on channel 6 for example, and there are several other strong networks overlapping that channel, you may have trouble getting a solid connection. If possible choose a network on a less crowded channel.



Settings

Clicking on the "Settings" page will give you complete control of your device. We suggest leaving "Advanced Settings" off unless you have strong networking knowledge or are under the guidance of your dealer or our support team. It is possible to alter network settings in such a way as to lock yourself out of the device.

We suggest leaving "Automatically Check for Updates" turned on. The unit will alert you if there are any important firmware updates to install. This feature works hand in hand with the "Send Anonymous Usage Data" setting which allows your device to not only check for updates but to send specific info on the local Wi-Fi environment to our servers so we may be of greater help in troubleshooting issues.

Additional Support
www.aigean.com/support
754-223-2240



LD Series Quick Start Guide

Thank you for choosing Aigean!

This guide will help you to quickly get up and running. A more comprehensive manual and additional resources are available at:
www.aigean.com/support

This device should be professionally installed.
The warranty does not cover negligence during installation.

Your kit contains the following:
(1) LD-70 or LD-7000ac device
(2) 25' Ethernet pigtail (attached)
(3) Waterproof Ethernet coupler
(4) Power over Ethernet (PoE) adaptor
(5) AC power cable for PoE adaptor



Choosing a Mounting Location

Keep in mind that higher is not always better! This device's antennas transmit and receive in a narrow vertical angle on a horizontal plane. If your antenna is too high, such as the top of the mast, you'll tend to shoot right over nearby Hotspots.

An ideal height for most vessels is 15' - 20' above the waterline and the device should be mounted vertically.

Installation

DO NOT unscrew the dome from the base.

The LD-70 is carefully sealed to prevent moisture intrusion. Doing so will compromise the seal and void the warranty.

1. Pull Ethernet cable through 1"-14 mount (before bolting down) and screw mount to the LD-70's base.

Aigean recommends the use of TEF-GEL on the threads prior to assembly to prevent corrosion and thread locking.

2. Snake Ethernet cable appropriately through the vessel.

For runs requiring more than 25' of cable, a waterproof Ethernet coupler is provided. If using the coupler, it is recommended to locate the coupler as close to the mount location as possible to allow easier servicing.

3. Attach 1"-14 mount to surface, taking care to properly seal any holes exposed to moisture and other elements.

4. Plug end of Ethernet cable into the power port of the PoE adaptor.

Using another Ethernet cable, connect the LAN port of the PoE adaptor to your network.

Power on the PoE adaptor by connecting the AC cable.

Warning: If using a different PoE source than the adaptor provided (switch or injector), ensure the substitute is an **802.3** at compliant device and can deliver a minimum of **30W** of output. Failure to meet the requirements will result in degraded performance. Prolonged underpowered use could permanently damage the device.

Adding Local Wi-Fi Capability

Pairing your LINK device with one of our Marine Access Points is highly recommended as it will enable you to easily share your Wi-Fi connection with multiple devices throughout your vessel. Additionally, you can attach your device to any standard wireless router for similar connectivity.

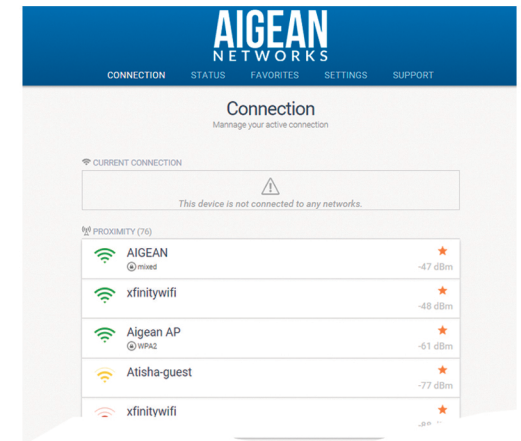
Selecting a WiFi Hotspot

Aigean Network's web-based interface works with modern browsers, including tablets and phones.

Open your browser of choice and enter either <http://192.168.15.1> or <http://aigean> into the address bar, NOT the search bar.

Your browser should now display the connection page, which shows all networks in proximity. Networks are sorted by signal strength.

Selecting a Wi-Fi Hotspot



The right most column shows the signal strength in dbi. Since this is a negative number, a lower value means a stronger signal.

A red star means that network is one you have connected to previously.

Networks with the 5ghz logo are typically faster and more reliable.

Simply click on the network name for the strongest signal in your marina. If the network is encrypted you'll be prompted to enter a key.

Once selected and a key is entered (if required), the page will move the network to the top and display the status of the connection.

If you are unable to connect, try another network or double check that the encryption key is correct. Many marinas require login with a username and password. In this case you'll get a message saying "Gateway Detected" alerting you that additional login information is required. Usually this can be obtained from the dockmaster or front office.