SRT Marine
System Solutions

www.srt-marinesystems.com
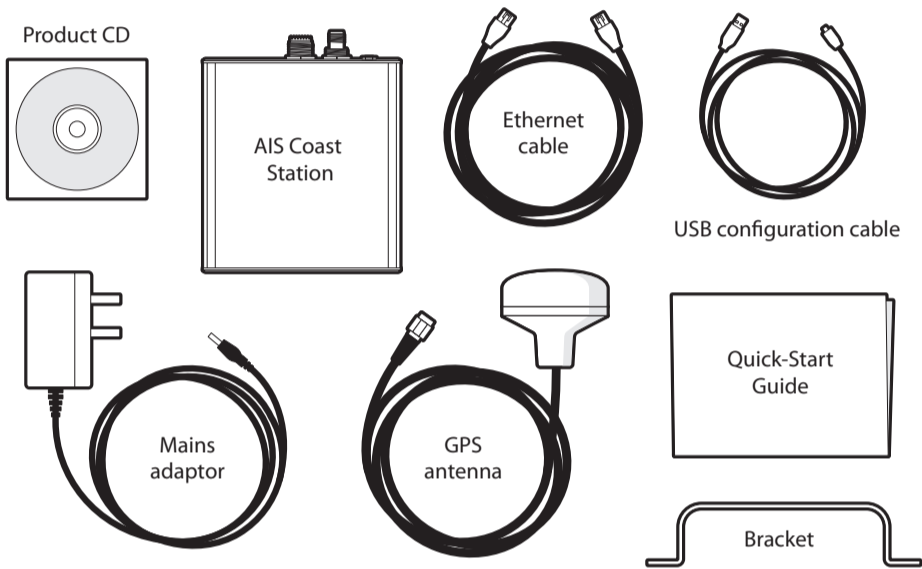enquiries@srt-marinesystems.com

AIS Coast Station
QUICK-START GUIDE
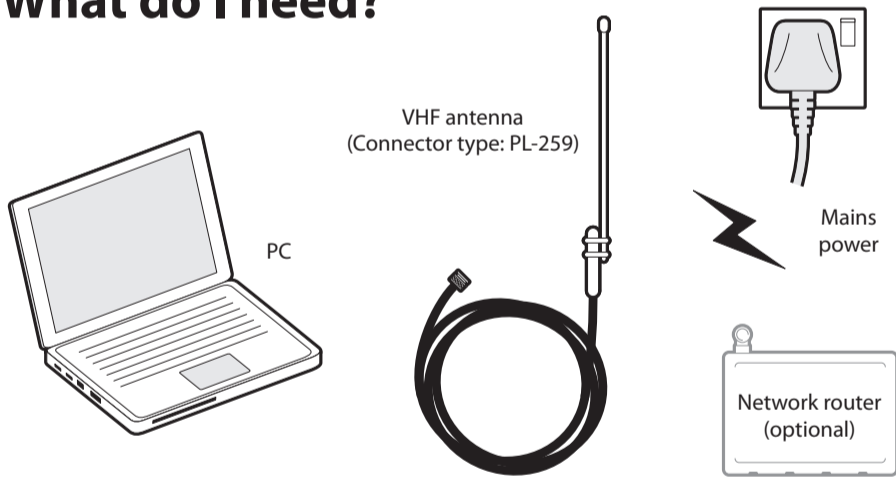
Model number: CS100

⚠ For full instructions of how to install and use your AIS Coast Station please refer to the Installation and Operation Manual which can be found on the CD provided with the product.
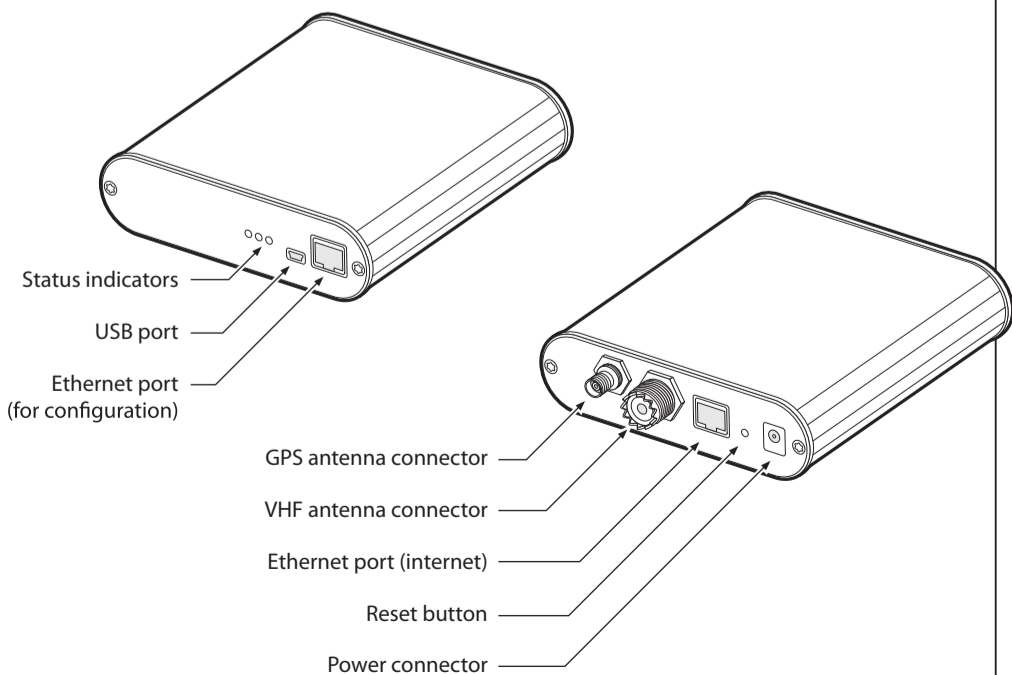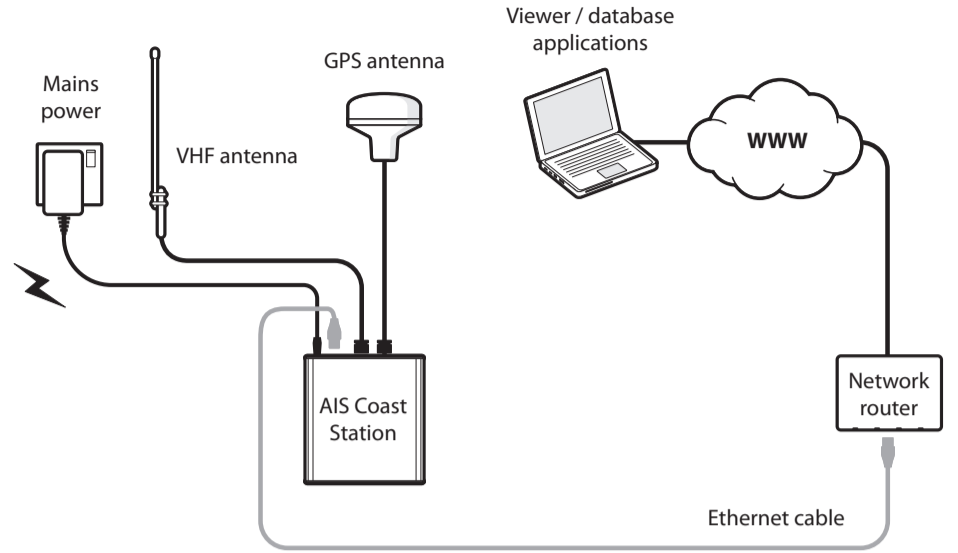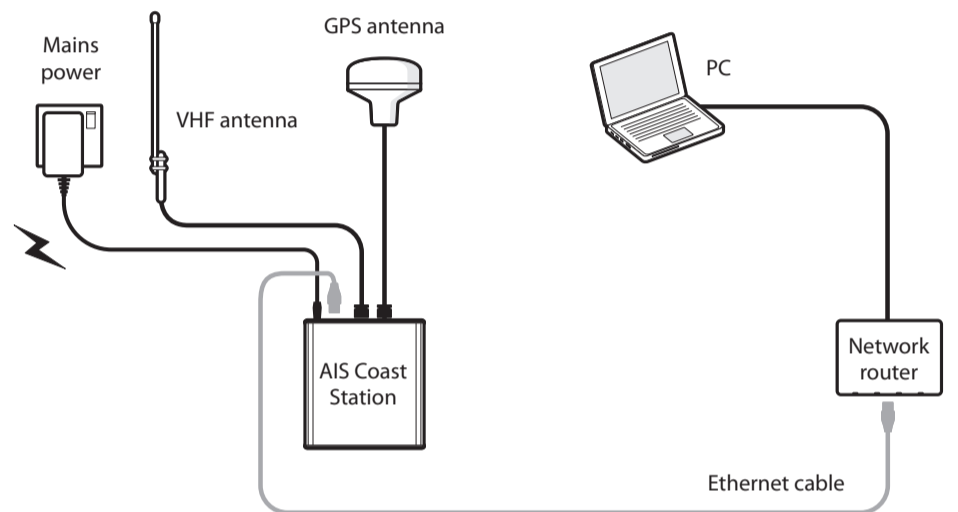
What's in the box?

Product CD

AIS Coast Station

Ethernet cable

USB configuration cable

Mains adaptor

GPS antenna

Quick-Start Guide

Bracket

What do I need?

PC

VHF antenna
(Connector type: PL-259)

Mains power

Network router
(optional)

Coast Station connections

Status indicators

USB port

Ethernet port
(for configuration)

GPS antenna connector

VHF antenna connector

Ethernet port (internet)

Reset button

Power connector

Installation

1. Networked via internet

Mains power

VHF antenna

GPS antenna

Viewer / database applications

www

AIS Coast Station

Network router

Ethernet cable

2. PC connected directly to router

Mains power

VHF antenna

GPS antenna

PC

AIS Coast Station

Network router

Ethernet cable

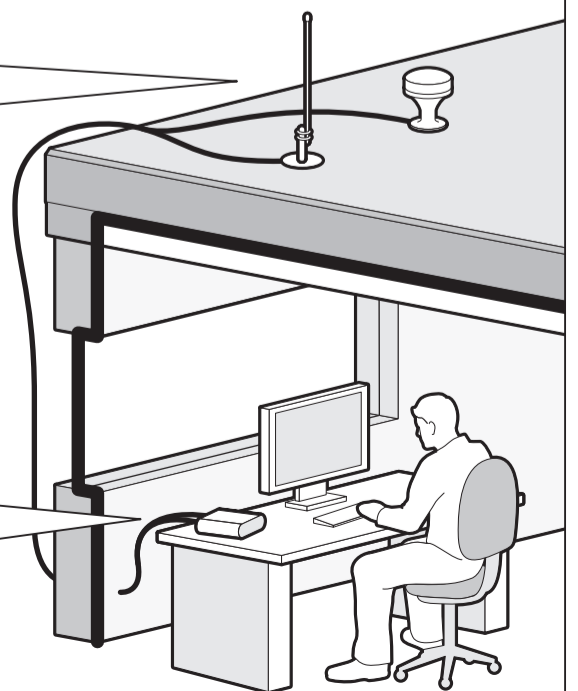### 3. PC connected directly to Coast Station via USB cable

Mains power

VHF antenna

GPS antenna

PC

AIS Coast Station

USB cable
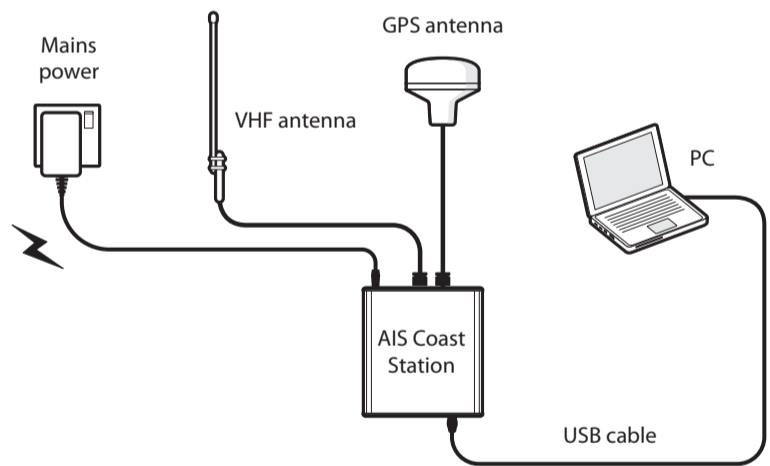
Important information!

Mount the GPS and VHF antennas in an external elevated location
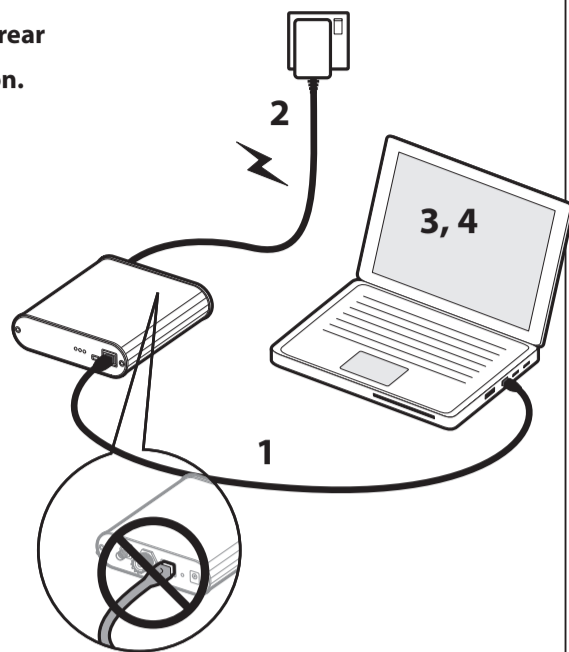
**The Coast Station must be installed in a dry indoors environment**

Network configuration

⚠ **There should be no Ethernet connection at the rear of the Coast Station.**

1. Connect the Coast Station with PC via Ethernet (using configuration port).

2. Connect the Coast Station to mains power using the adaptor provided.

3. Open a web browser and connect to **192.168.16.254** (it may be necessary to wait a few minutes after connecting the Coast Station to the PC before attempting this).

4. Enter username 'admin', password 'admin'.
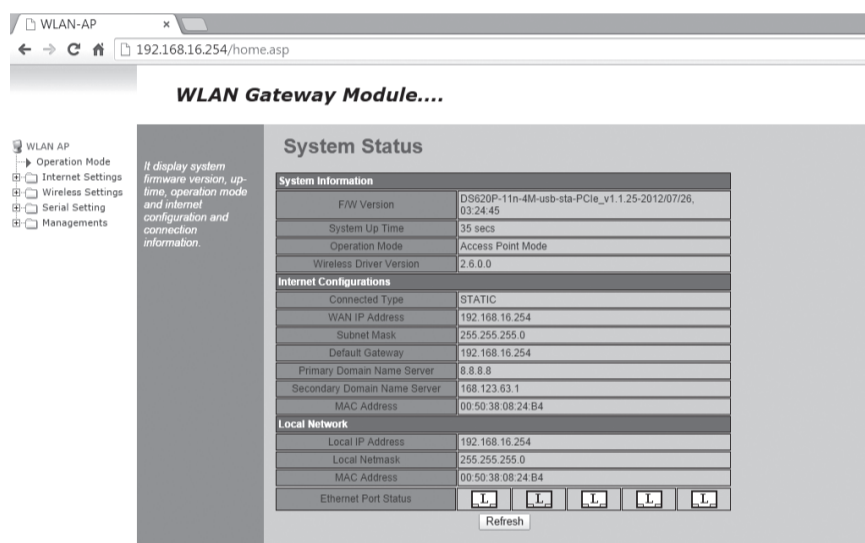
1. **Configure the connection mode**	*Wireless settings > Basic > Radio off*
2. **Configure operating mode**	*Operation mode > Gateway > Save*
3. **Configure internet settings**	To automatically obtain an IP address for the Coast Station: *Internet settings > WAN > DHCP (Auto config)* For a static IP address: *Internet settings > WAN > Static (fixed IP) > Enter static IP address details*
4. **Configure serial port**	*Serial setting > Serial port #1 >* • Select UDP or TCP connection as required • Select operating mode (normally client mode) • Enter the IP address for the remote server • Enter the port number to send data to • Connection option: System BootUp • Serial port settings: Baud rate: 115200, 8 data bits, no parity, 1 stop bit, no flow control. *Click 'Save'*

AIS configuration

⚠ **AIS Configuration is only required if the Coast Station is to be used as an AIS AtoN. For Coast Stations operating as AIS receiving stations AIS configuration is not required.**
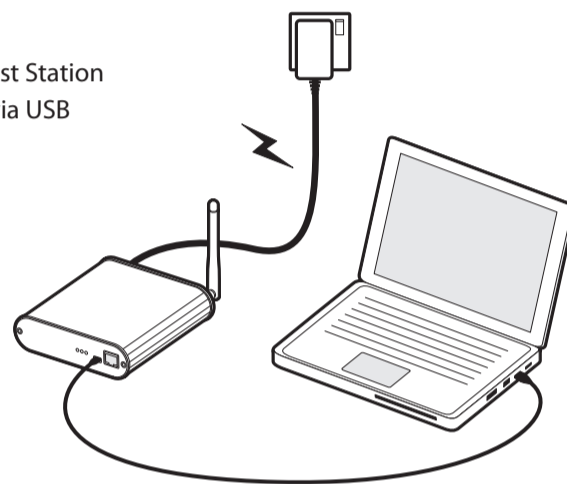
⚠ **Refer to the user manual for detailed instructions of how to use proAtoN to configure your Coast Station as an AIS AtoN.**

⚠ **You will require an MMSI and appropriate license to operate Coast Station as an AIS AtoN.**

Mains powered Coast Station connected to a PC via USB

1. Connect the Coast Station to mains power using the adaptor provided.

2. Connect the Coast Station to a PC using the USB cable provided.

3. Insert the CD into your PC.

4. Navigate to the proAtoN folder and run setup.exe

5. Follow the on-screen instructions.

6. Launch proAtoN from the start menu.

7. Connect Coast Station to the PC via USB.

8. Configure Coast Station as an AIS AtoN.