

# SAILOR® 500 FLEETBROADBAND DUAL ANTENNA SOLUTION

**COBHAM**

Voice and broadband data solution for full connectivity at sea

2013 Product Sheet

The most important thing we build is trust

**The SAILOR 500 FleetBroadband Dual Antenna solution gives you the confidence in your ability to connect anywhere, anytime. Being online wherever you are at sea, running important applications, downloading essential information etc. are all key factors that ensure maximum performance of your daily business.**

## Always connected

When your SAILOR 500 FleetBroadband antenna cannot obtain full line-of-sight to the satellites because of blocking objects on board your vessel, the SAILOR FleetBroadband Dual Antenna solution keeps you connected. It maintains full line-of-sight to the satellites with a combination of two SAILOR 500 FleetBroadband solutions installed at different locations and a SAILOR FleetBroadband Dual Antenna Control Unit (DACU).

## No interruptions

By default, the intelligent DACU ensures the antenna with the best signal is always used in order to obtain the best possible coverage and connectivity. This all happens without interruption to on-going communication and with the same high voice and data quality you are used to with a standard SAILOR FleetBroadband installation.

## Maximum flexibility

The two antennas in the solution are placed to cover each other's blocking zones. Blocking zones are areas where the signal is blocked between the antenna and the satellite because of the ship's superstructure. Blocking zones are easily configured on the terminals, using a built-in web interface. The ship's visibility to a satellite is determined by the combination of blocking zones for the two antennas.

## Single solution

Although two SAILOR 500 FleetBroadband antennas are combined into a single system, you only have one IP address, guaranteeing fluid and uninterrupted communication when switching between antennas and ensuring quick and easy configuration. The solution uses one SIM card, which ensures that you always have a total overview of your costs.

## Professional & Proven performance

SAILOR 500 FleetBroadband uses a fully stabilized 3-axis antenna with rate sensors for improved performance and fast, intelligent satellite tracking. It's built to the world-renowned SAILOR standards, so you benefit from reliable performance at all time, regardless of location and condition.

## ThraneLink

The SAILOR Dual Antenna solution is supported by the ThraneLINK Management Application (TMA), which runs on the sophisticated ThraneLINK network protocol. TMA is a software solution that provides easy monitoring, remote operation and software update of connected ThraneLINK enabled SAILOR products like the DACU.

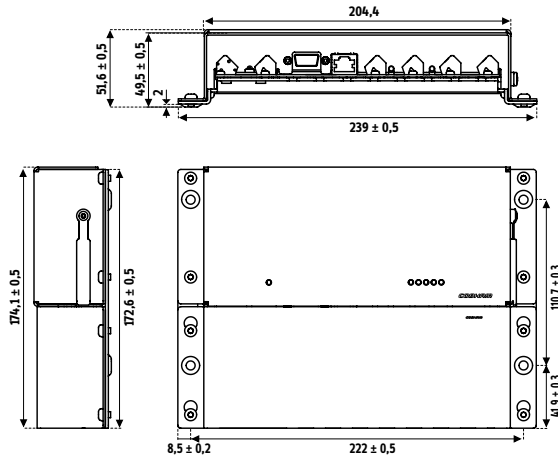


# SAILOR® 500 FLEETBROADBAND DUAL ANTENNA SOLUTION

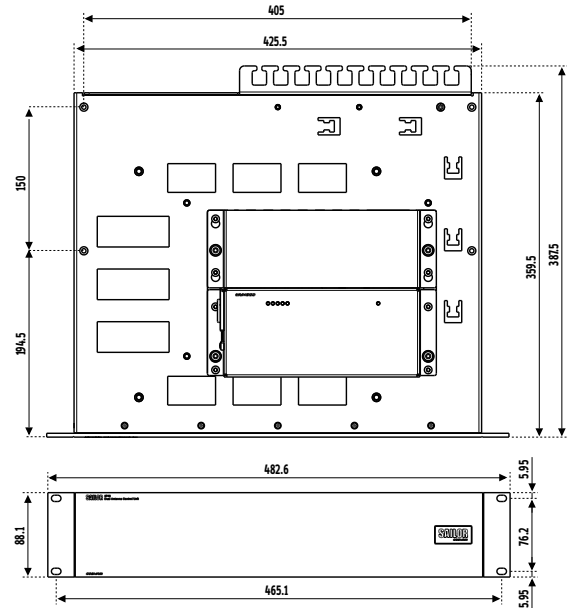
**COBHAM**

Voice & broadband data solution for full connectivity at sea

SAILOR 500 FleetBroadband Dual Antenna  
Control Unit



SAILOR 500 FleetBroadband Dual Antenna  
Control Unit 19" Rack-mounted



## GENERAL SPECIFICATIONS

Power	10.5 to 32 VDC (nom. 12-24 VDC)
Power consumption	Typical 1 W, Maximum 3 W Standby power < 10 mW
Interfaces	Ethernet (10/100 Mbit), RJ45 connector Power for the Dual Antenna Control Unit, spring-loaded terminals NMEA0183 Ships Heading True (HDT) input from ship navigation system, spring loaded terminals
NMEA input	Impedance: 600 Ohm Max. 2 mA at min. level of 2 V Baud rate: 4800 Bd.
IP protection class	IP2X
Ambient temperature	-25°C to 55°C operating -40°C to 80°C storage
Compass safe distance	20 cm
Weight	0.8 kg
Antenna Requirements	The antennas must have part number 403052C and minimum Rev. B.03 (see serial number label on the antenna)

  
[www.mackaymarine.com](http://www.mackaymarine.com)  
[www.mackaysatellite.com](http://www.mackaysatellite.com)

### Where to buy:

**Mackay Communications**  
**Mackay Satellite**  
 919-850-3100 [satserv@mackaycomm.com](mailto:satserv@mackaycomm.com)

**Mackay Marine**  
 281-479-1515 [marinesales@mackaycomm.com](mailto:marinesales@mackaycomm.com)

**Mackay Govt. Group**  
 904-880-4633 [government@mackaycomm.com](mailto:government@mackaycomm.com)

For further information please contact:

**Cobham SATCOM Maritime**  
 Lundtoftegaardsvej 93 D  
 DK-2800 Kgs. Lyngby  
 Denmark  
[www.cobham.com](http://www.cobham.com)  
 Tel: +45 3955 8800  
 Fax: +45 3955 8888