

COBHAM SAILOR 100GX

MARITIME - AUTO TRACKING



The SAILOR 100 GX is an advanced 3-axis stabilized Ka-band antenna system designed for the Inmarsat Global Xpress satellite network.

The SAILOR 100 GX is built to the same high quality and high performance that has made SAILOR a leading name in professional maritime communication equipment over decades. The SAILOR 100 GX is a direct development from the immensely successful SAILOR 900 VSAT antenna system, which has created a new industry standard through innovative design for ease-of-use, quick deployment and reliable operation.

A TOP PERFORMING GX SYSTEM

SAILOR 100 GX features advanced Tracking Receiver technology that enables it to verify the right satellite in less than a second. This unique feature, tried and tested in the benchmark SAILOR FleetBroadband systems, ensures quick satellite acquisition at start-up and reacquisition of the satellite, in case of temporary blockage, after bad weather or poor signal strength.

QUICK AND EASY TO DEPLOY

As with all SAILOR VSAT antenna systems, SAILOR 100 GX is light and compact. It uses a single cable between antenna and below deck equipment for RF, power and data, while advanced features such as Automatic Azimuth Calibration (home flag) and Automatic Cable Calibration significantly reduce installation time further. The unique Global Xpress One Touch Commissioning feature completes the package, making SAILOR 100 GX incredibly easy to deploy.

REMOTE ACCESS AND DIAGNOSTICS

In order to offer the best support to system integrators, SAILOR 100 GX offers a number of features for remote access and remote diagnostics, including monthly statistics logging, SNMP traps and Syslog functionality. These remote maintenance features are supported by Cobham SATCOM's worldwide network of On-board Service Centres.

COMPATIBILITY AND TESTING

SAILOR 100 GX ships with the original SAILOR GX Modem Unit (GMU), which works directly with SAILOR 500/250 FleetBroadband to form the cornerstone of the Inmarsat Fleet Xpress service. The system is designed and tested to the highest maritime shock and vibration requirements, IEC EN 60721 to ensure reliable service and the longest possible life at sea.

TERMINAL EFFICIENCY GROUP	Group 2M
TYPE APPROVAL	Yes
MODEM TYPE	iDirect CX751 GX Core Module; Rack-mounted Below Deck Unit
APERTURE	103 cm / 40.6"
BLOCK UPCONVERTER (BUC)	5W
RF BOND	Commercial Ka (Rx 19.2-20.2GHz, Tx 29-30GHz)
TERMINAL POINTING	Automatic - with or without Gyro/GPS Compass input
POWER SOURCE	20 – 32 VDC (115/230 VAC)
MANAGEMENT USER INTERFACE	PC web-based interface
EQUIPMENT INTERFACE	1 x 100Base-T Ethernet
WEIGHT	Antenna: 126 Kgs. / 276 lbs. MXP: 4.5 kgs. / 10 lbs