SAILOR 900 VSAT

36 Month Lease and Service Promotion

The SAILOR 900 VSAT is an advanced maritime stabilised Ku-band antenna system.

Every SAILOR 900 VSAT antenna system is factory-tested, equipped with standardised top quality RF components, and only requires one cable between antenna and below-deck.

Fully balanced

The antenna is shipped fully balanced and configured, and does not need work prior to installation.

Two antennas - one modem

The SAILOR 900 VSAT can operate two antenna systems on a single modem, without the need for an extra box to manage that feature.

Increased up-time

Regardless of how and where you operate the SAILOR 900 VSAT, you can be confident of maximum availability.

The system has several simple features to make sure the broadband connection is up, and stays up.

Specifications

Antenna Dimensions (H x D)	150cm x Ø130cm
ACU Dimensions (H x W x D)	4.4cm x 48cm x 33cm
Antenna Weight	126.5kg
ACU Weight	4.5kg
Operating Temperature	-25°C to +55°C
Operating Humidity	ADU: 100% condensing | ACU: 95% non-condensing
IP Rating	IP20
Reflector Size	103cm
ACU to ADU Antenna Cable	Single 50 Ω coax for Rx, Tx, ACU-ADU modem and power
ADU Antenna Connector	Female N-Connector (50 Ω)
ACU Antenna Connector	Female N-Connector (50 Ω)
Input Voltage	20 - 32V

Above Deck Unit (ADU)

Antenna Type, Pedestal	3-axis (plus auto skew) stabilised tracking antenna with integrated GPS
Antenna Type, Reflector System	Reflector/sub-reflector, ring focus
Transmit Gain	41.6 dBi typ. @ 14.25 GHz (excl. radome)
Receive Gain	40.6 dBi typ. @ 11.70 GHz (excl. radome)
System G/T	19.9 dB/K typ. @ 12.75 GHz, at ≥30° elevation and clear sky (incl. radome)
BUC Output Power	8W
LNB	2 units multi-band LNB's
Elevation Range	-25° to +125°
Azimuth Range	Unlimited (rotary joint)
Rain / IP Class	IEC 945 exposed / IPx6

Antenna Control Unit (ACU)

Interfaces	1 x N-Connector for antenna RF cable 2 x F-Connectors (75 Ω) for Rx / Tx to VSAT modem 1 x Ethernet data (VSAT modem control) 1 x RS-422 data (VSAT modem control) 1 x RS-232 data (VSAT modem control) 1 x NMEA 0183 (RS-422) 2 x Ethernet (User) 1 x Ethernet (ThraneLink, service, set-up etc.) 1 x DC power input 1 x Grounding bolt