

C4

KU-BAND Maritime Compact VSAT Antenna

The true four-axis stabilization system of C_Series will enhance the connectivity and eliminate the keyhole effect even though when you are cruising the Equator region. You will feel definite difference of quality within budget.



HTS
APPLICATION

*Design is subject to change without notice

BEST 4-AXIS VSAT SYSTEM

Always, the need for connection exists in everywhere even on the middle of the sea. This compact and light-weight antenna system would provide high quality and reliable network connection to professional fishers and leisure yachtsman.

NO KEY HOLE EFFECT

The honest 4 Axis system (Azimuth, Elevation, Tilt and Skew) will provide very stable network connection and overcome key hole effect when the elevation angle is closing to 90° (the effort value is closing to unlimited).

HTS CAPABILITY

With DVS-S2X option, the this 4-Axis Stabilized Antenna System may obtain capability to connect to INTELSAT HTS Network. Feel the difference with C4.

ASI MINISING FUNCTION

The biggest problem of compact VSAT will be ASI (Adjacent Satellite Interference) Problem. However, through the KNS's distinct transimttng control algorithm, the problem and risk of ASI is minimized.

COMPACT VSAT IN BUDGET

Surprisingly, this innovative antenna system is accessible within budget. The small vessel owner who want functional Compact VSAT in budget, the C4 is a perfect answer. For more detailed information, KNS team will help you. Please do not hesitate to consult with us.

PRODUCT KEY FEATURES

- **Automatic Satellite Search & Skew Control**
- **High Performance Stabilization in Rough Weather**
- **Honest 4 Axis System**
Stabilized Azimuth and Elevation, Tilt with a Skew unit
- **Pre-Programmed Satellite Database**
Editable 80 Satellite Data
- **Accurate Signal Acquisition by KNS's Distinctive Algorithm**
- **High Gain Reflector**
- **Built-in GPS**
- **ASI (Adjacent Satellite Interference) Minimising Function**

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C_SERIES
SUPERTRACK

SPECIFICATION

ABOVE DECK

Dish Diameter	45cm (18")
Antenna Dimension	58cm(D) x 63cm(H)
Antenna Weight	27 Kg
Radome Material	Plastic
Frequency	TX : 13.75 ~ 14.5 GHz RX : 10.75 ~ 12.75 GHz
Antenna Gain	TX : 33.2 dBi @ 14.25 GHz RX : 33.0 dBi @ 11.75 GHz
G / T	10.0 dB/K (In Radome) @ 30deg. Elevation angle and 11.7GHz, Clear Sky
Operating Platform	4 - Axis
BUC	4W / 6W (Optional)
Skew Control	Automatic
Elevation Angle	+10° to +115°
Azimuth Range	690°
Tilt Angle	-20° to +20°
Ship Motion	Roll : ±20° at 8-12 sec periods Pitch : ±10° at 6-12 sec periods Yaw : ±8° at 15-20 sec periods
Vibration Damper	Rubber Damper Included
Antenna Input Power	24V DC 5A
Temperature	-20°C to +55°C
Humidity	Up to 100% @ 40°C

BELOW DECK

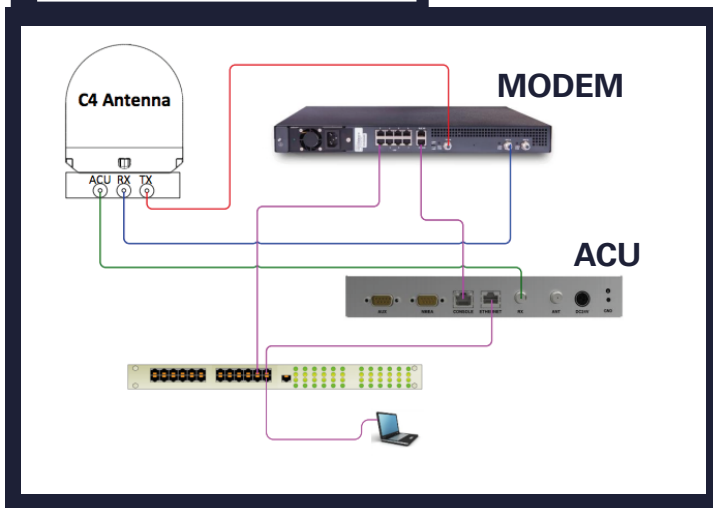
ACU Size	233 X 123.4 X 34.5 mm
Gyro Interface	NMEA 0183
Input Power	100 ~ 240V AC, 50/60Hz, 2.0A Max
External I/O	Mini-USB, Console, Ethernet
BUC POWER	By Modem

WARRANTY INFORMATION

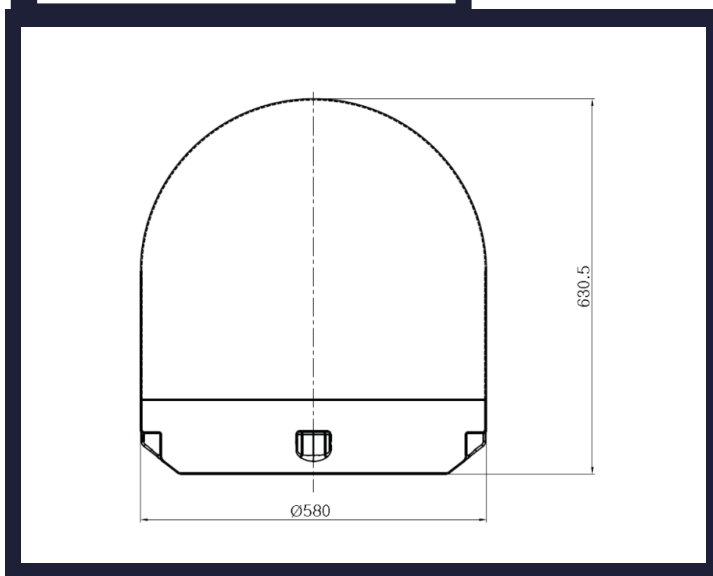
2-year parts, 1-year onboard labour warranty

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SYSTEM DIAGRAM



RADOME DIMENSION



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