



The new standard of satellite communication Pure Technology and performance

# 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.



\* This Specification can be changed without notice.

## PRODUCT KEY FEATURES

- **In-built DVB-S2X Tuner**

Carrier SNR direct tracking is available

- **Two types of ACU Options**

Standard ACU

IQ-200 Modem Integrated ACU

- **True Reliable Tracking system**

Based on Inverse Kinematics Technology Tracking Algorithm, Antenna tracking performance is reliable.

- **High Performance Stabilization in Rough Weather**

- **Automatic Satellite Search**

- **Accurate Signal Acquisition by KNS's Distinctive Algorithm**

- **Pre-Programmed Satellite Database**

Editable 80 Satellite Data

- **High Gain Reflector**

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- **High Gain Reflector**

- **Web interface & Remote software upgrade**

M&C function and firmware upgrade fully supported via web interface.

- **Graphic monitoring support**

Antenna signal strength or RSSD can be monitored through web GUI via PC and other wireless device such as Tablet PC and Mobilephone

- **Wi-Fi support**

ACU can be operated by Wi-Fi interface, a seamless wireless interface between user and ACU

- **SNMP support**

- **Built in GPS**

- **Certification/Qualification**



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### SPECIFICATIONS

#### ABOVE DECK

Dish Diameter	45cm (18")
Antenna Dimension	58cm(D) x 63cm(H)
Antenna Weight	27 Kg
Frequency	TX : 13.75 ~ 14.5 GHz RX : 10.7 ~ 12.75 GHz
Antenna Gain	TX : 34.38 dBi @ 14.25 GHz RX : 33.11 dBi @ 11.75 GHz
G / T	12.3 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
Temperature	-20°C to +55°C
Humidity	Up to 100% @ 40°C

#### BELOW DECK

ACU Size	313 X 192 X 44 mm
Input Power	100 ~ 240V AC, 50/60Hz, 4.0A
Output Power	24~48V DC 2.5A max per eachRX/TX port
External I/O	Mini-USB, USB, Console, Ethernet, Wi-fi
BUC POWER	By ACU

#### WARRANTY INFORMATION

2-year parts warranty

\*Specification is subject to change without notice

### ACU OPTION

#### NORMAL ACU



#### IQ200 MODEM INTEGRATED ACU



### RADOME DIMENSION

