



The new standard of satellite communication Pure Technology and performance

C5

Ka-BAND Maritime Compact VSAT Antenna

The true three-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 VSAT Options**

BUC/LNB version with Open BMIP compatibility Transceiver version

- **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**

- **Pre-Programmed Satellite Database**

Editable 80 Satellite Data

- **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	55cm (22")
Antenna Dimension	76cm(D) x 80cm(H)
Antenna Weight	35kg
Frequency	
3W for Transceiver	TX : 29.5 ~ 30.0 GHz RX : 17.8 ~ 20.2 GHz
5W for BUC/LNB	TX : 29.0 ~ 30.0 GHz RX : 19.2 ~ 20.2 GHz
Antenna Gain	
BUC/LNB configuration	TX : 42.7dBi @ 29.75 GHz RX : 39.5 dBi @ 19.95 GHz
G/T	16.73 dB/K(in radome) @30deg.Elevation angle and 19.95GHz, Clear sky
Operating Platform	3 - Axis
BUC	3W for Transceiver or 5W for BUC(optional)
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
Humidity	Up to 100% @ 40°C
Temperature	-20°C to +55°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 each RX/TX port
External I/O	Mini-USB, USB, Console, Ethernet, Wi-Fi

WARRANTY INFORMATION

2-year parts warranty

*Specification is subject to change without notice

ACU OPTION

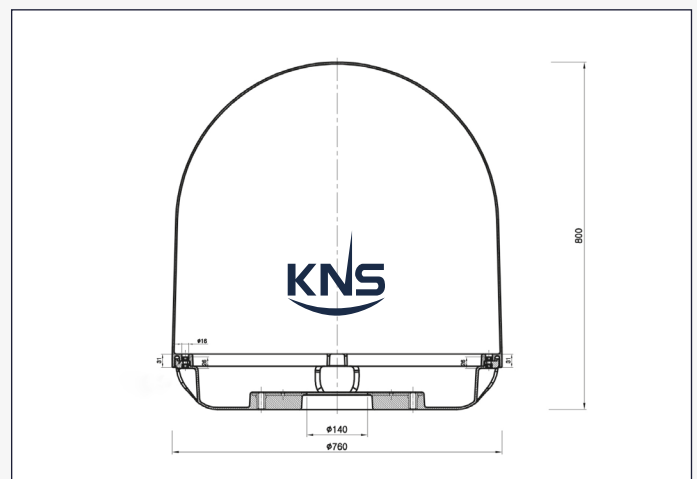
NORMAL ACU



IQ200 MODEM INTEGRATED ACU



RADOME DIMENSION



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