

SUPERTRACK

A9MK4

KU-BAND COMMUNICATION

The SuperTrack A-series is the perfect solution for ships looking for broadband speeds at sea. Stay in touch with your networks via high speed access to the internet, email, multiple VoIP phones and more



*Design is subject to change without notice

MOST SELECTED VSAT MODEL

Most customers in worldwide maritime industry have chosen SUPERTRACK A-Series as standard VSAT system for their vessels. The A-Series MK4 will be a optimal satellite communication performance to your vessels.

EASY MAINTENANCE

The A6MK4 has minimized parts and PCU integrated all electric parts in one module. This feature allows easier maintenance of operators and service providers.

GYRO FREE SUPPORTING

A6MK4 can support your connection even the vessel does not have gyro(s) or in any case of the gyro failure. A6MK4 will sustain your network communication with tracking performance without vessel failure status related.

COST AFFORDABLE

With all the latest innovations, SUPERTRACK A-Series MK4 promise a product line-up which can fulfil all your needs at affordable costs.

RELIABILITY, THE BASIC VIRTUE

In the middle of sea, under various tough sea condition the most important factor or lifeline is high quality communication equipment with reliable connection, stable tracking and fast network performance. Live chatting with friends, video call with family, listening radio over IP, emergency phone calls and all kinds of communication to home-world require network sustainability with reliable equipment.

The SUPERTRACK is your reliable partner all the time.

PRODUCT KEY FEATURES

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

Carrier SNR direct tracking is available

- **Easy Maintenance with simple modular design**

All electrical control parts are integrated in one single module "PCU" for fast and easy maintenance.

- **Web interface & Remote software upgrade**

Monitoring and Control (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 mobile phone.

- **Wi-Fi support**

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

- **Proven LEO/MEO satellites tracking algorithm**

- **SNMP support**

- **Automatic Satellite Search & Skew Control**

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

- **Pre-programmed Satellite Database**

Editable 80 satellite data



A9MK4 KU-BAND COMMUNICATION

SPECIFICATIONS

ABOVE DECK

Dish Diameter	83cm (33")
Antenna Dimension	113cm(D) x 117cm(H)
Antenna Weight	78 Kg
Frequency	TX : 13.75 ~ 14.5 GHz RX : 10.7 ~ 12.75 GHz
Antenna Gain	TX : 39.9 dBi @ 14.25 GHz RX : 38.0 dBi @ 11.75 GHz
G / T	16.89 dB/K (In Radome) @ 30deg. Elevation angle and 11.75GHz, Clear Sky
Operating Platform	3 - Axis (Azimuth, Cross, Elevation)
iLNB (Intergrated LNB)	LNB : Linear / Internal PLL Gain : 60dB
BUC	0.8W
OpenAMIP	Support
Skew Control	Automatic
Elevation Angle	-10° to +110°
Azimuth Angle	Unlimited
Cross Angle	± 35°
Ship Motion	Roll : ±24.7° at 8 sec periods Pitch : ±15° at 6 sec periods Yaw : ±8° at 15 sec periods
Tracking Speed	More than 90°/sec
Vibration Damper	Rubber Damper Included
Antenna Input Power	48V DC 4.18A
Temperature	-20°C to +55°C
Humidity	Up to 100% @ 40°C

PACKING DIMENSION

Size	128 X 128 X 155 cm
Gross Weight	164 kg
Packed by	Wooden Crate

WARRANTY INFORMATION

2-year parts warranty

*Specification is subject to change without notice

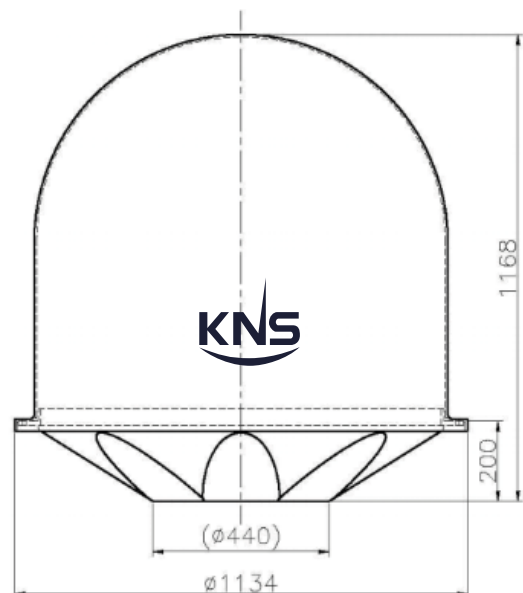
BELOW DECK

KA - 90K Antenna Control unit



ACU Size	313 X 192 X 44 mm
Gyro Interface	NMEA 0183
Input Power	100 ~ 240V AC, 50/60Hz, 4.0A
Out put Power	24~48V DC 2.5A max
External I/O	Mini-USB, USB, Console, Ethernet, Wi-fi

RADOME DIMENSION



www.kns-kr.com

KNS Headquarters

1476-55, Yuseong-daero, Yuseong-gu,
Daejeon South Korea (34055)
Tel : +82 42 932 0351
Fax : +82 42 932 0353
E-mail : sales@kns-kr.com

KNS Malaysia Sales Office

20 Jalan Setia Tropika 9/15,
Taman Setia Tropika, Johor, Malaysia
Tel : +60 1673 18407
E-mail : james@kns-kr.com

KNS Europe Sales Office

Carl-Zeiss Straße 4, 71093 Weil im
Schönbuch, Germany
Tel : +49 1727 640 257
E-mail : fpollak@kns-kr.com