

## SUPERTRACK

# A6MK4

## 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



# A6MK4 KU-BAND COMMUNICATION

## SPECIFICATIONS

### ABOVE DECK

<b>Dish Diameter</b>	61cm (24")
<b>Antenna Dimension</b>	85cm(D) x 84cm(H)
<b>Antenna Weight</b>	58 Kg
<b>Frequency</b>	TX : 13.75 ~ 14.5 GHz RX : 10.7 ~ 12.75 GHz
<b>Antenna Gain</b>	TX : 37.2 dBi @ 14.25 GHz RX : 35.7 dBi @ 11.75 GHz
<b>G / T</b>	14.25 dB/K (In Radome) @ 30deg. Elevation angle and 11.75GHz, Clear Sky
<b>Operating Platform</b>	3 - Axis (Azimuth, Cross, Elevation)
<b>iLNB (Intergrated LNB)</b>	LNB : Linear / Internal PLL Gain : 60dB
<b>BUC</b>	0.8W
<b>OpenAMIP</b>	Support
<b>Skew Control</b>	Automatic
<b>Elevation Angle</b>	-10° to +110°
<b>Azimuth Angle</b>	Unlimited
<b>Cross Angle</b>	± 35°
<b>Ship Motion</b>	Roll : ±20° at 8-12 sec periods Pitch : ±10° at 6-12 sec periods Yaw : ±8° at 15-20 sec periods
<b>Tracking Speed</b>	More than 90°/sec
<b>Vibration Damper</b>	Rubber Damper Included
<b>Temperature</b>	-20°C to +55°C
<b>Humidity</b>	Up to 100% @ 40°C

### PACKING DIMENSION

<b>Size</b>	95 X 95 X 115 cm
<b>Gross Weight</b>	89 kg
<b>Packed by</b>	Paper Carton

### WARRANTY INFORMATION

2-year parts warranty

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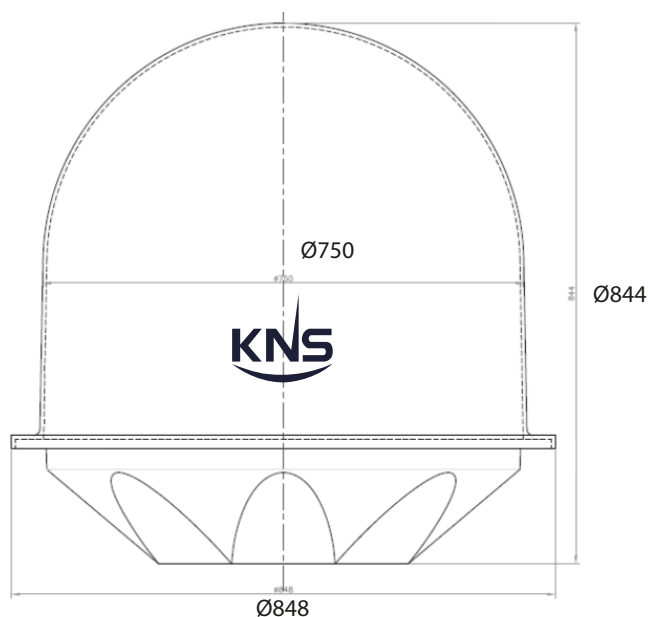
### BELOW DECK

#### KA - 90K Antenna Control unit



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

### RADOME DIMENSION



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