

# A9

## KU-BAND COMMUNICATION

# A \_SERIES

## SUPERTRACK

The SuperTrack A-Series service package enables maritime customers to not only benefit from an "always on" internet connection and VoIP services but also to cut down on the high cost equipment and services. The SuperTrack A-Series supports various applications including internet access, email, data transfer, web surfing, VoIP VPN security, etc. The A-Series is suitable for merchant vessels, fishing and offshore vessels, luxury yachts, leisure boats and more.



### STANDARD FEATURES

- Always-on connectivity for broadband and VoIP
- Flat monthly rate
- High performing in motion maritime antenna
- Brake System
- European coverage
- First class distribution network
- CE R&TTE Certified

### ABOVE DECK

<b>Dish Diameter</b>	85cm(33")
<b>Antenna Dimension</b>	113cm(D) x 117cm(H)
<b>Antenna Weight</b>	57 Kg
<b>Radome Material</b>	Honeycomb FRP
<b>Frequency</b>	TX : 13.75 ~ 14.5 GHz RX : 10.7 ~ 12.75 GHz
<b>Antenna Gain</b>	TX : 38.3 dBi @ 14.25 GHz RX : 38 dBi @ 11.7 GHz
<b>G / T</b>	17.27 dB/K (in Radome) @ 30deg. Elevation angle and 11.7 GHz, Clear Sky
<b>Operating Platform</b>	3 - Axis
<b>iLNB (Intergrated LNB)</b>	LNB : Linear / Internal PLL Gain : 60dB
<b>BUC</b>	0.8W (optional)
<b>Skew Control</b>	Automatic
<b>Elevation Angle</b>	-10° to +100°
<b>Azimuth Range</b>	Unlimited
<b>Cross Angle</b>	± 35°
<b>Ship Motion</b>	Roll : ±24° at 8-12 sec periods Pitch : ±14° 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
<b>Antenna Input Power</b>	24V DC, 2.7A

### BELOW DECK

<b>ACU Size</b>	253 x 175 x 44 cm
<b>Gyro Interface</b>	NMEA 0183
<b>Input Power</b>	100 to 240V AC, 50/60Hz, 1.5A
<b>Output Power</b>	24V DC, 2.7A
<b>External I/O</b>	Mini-USB

### PACKING

<b>Size</b>	116 x 116 x 150 cm
<b>Gross Weight</b>	137Kg
<b>Packed by</b>	Wooden Crate
<b>Certification/Qualification</b>	CE0678

### WARRANTY INFORMATION

KNS offers 2-year parts, 1-year onboard labour warranty for the SuperTrack series

\* This Specification can be changed without notice.