

# SUPERTRACK

## S12

### KU-BAND Maritime TVRO Antenna

The art KNS 3 axis servo stabilization system and the built-in GPS, The S-Series outperforms all other TVRO systems in the market today. Larger S-Series antennas providing stronger signal acquisitions are available for more efficient performance in any condition.



\*Design is subject to change without notice



Lower Loss  
Hiher Durable  
Radome



High Tracking Speed  
More than 90° / sec

## MOST MARKET CHOSEN

S6 is most market selected compact high-end TVRO antenna system. For better quality satellite TV reception and stable connection of TV signal, your S6 will provide optimal solutions.

## HIGH-END TVRO ANTENNA

S Series TVRO antenna system is based on the body of market proven Z Series MK2 antenna system. As the 3 axis stabilization of precise VSAT antenna system has been built and this led high performance TVRO.

S Series will provide definite difference from other antenna systems

## FOR YOUR ENTERTAINING

Don't miss out on the latest news, weather, or sports games. No matter where you are, the SUPERTRACK S-Series keeps you up-to-date and in the front row at your favorite sports event.

Equipped with the state of the art KNS 3-axis servo stabilization system and the built-in GPS, the S-Series outperforms all other TVRO systems in the market today.

## PRODUCT KEY FEATURES

- **Automatic Satellite Search & Skew Control**
- **Accurate Signal Acquisition by KNS's Distinctive Algorithm**
- **Antenna Control Unit**  
DiSEqC 1.2 Function
- **CE Certified**
- **Pre-programmed Satellite Database**  
Editable 80 satellite data
- **True 3 Axis**



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KU-BAND Maritime TVRO Antenna

## SPECIFICATIONS

### ABOVE DECK

|                     |   |
|---------------------|---|
| Dish Diameter       | 120cm(49")  |
| Antenna Dimension   | 161cm(D) x 163cm(H)   |
| Antenna Weight      | 105 Kg  |
| Frequency           | 10.7GHz ~ 12.75GHz  |
| Minimum EIRP        | 40 dBW  |
| Operating Platform  | 3 - Axis(Yaw, Level, Cross)   |
| LNB                 | Quad / Quattro LNB(optional)  |
| Skew Control        | Automatic   |
| Elevation Angle     | -20° to +110°   |
| Azimuth Range       | Unlimited   |
| Cross Angle         | ± 35°   |
| Ship Motion         | Roll : ±24° at 8-12 sec periods<br>Pitch : ±14° at 6-12 sec periods<br>Yaw : ±8° at 15-20 sec periods |
| Tracking Speed      | More than 90°/sec   |
| Vibration Damper    | Rubber Damper included  |
| Temperature         | -20°C to +55°C  |
| Humidity            | Up to 100% @ 40°C   |
| Antenna Input Power | 48V DC, 4.18A   |

### PACKING DIMENSION

|              |   |
|--------------|---|
| Size         | 174 x 174 x 190 cm                              |
| Gross Weight | 270 Kg (Close packing)<br>215 kg (Open packing) |
| Packed by    | Wooden Crate                                    |

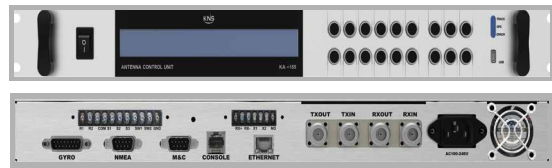
### WARRANTY INFORMATION

2-year parts warranty

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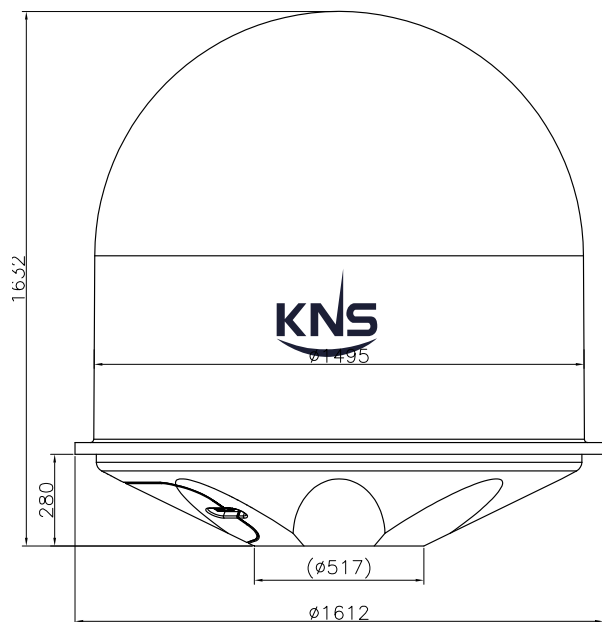
### BELOW DECK

#### KA - 165 Antenna Control unit



|                      |  |
|----------------------|--|
| Size                 | 19" Rack 1U size                             |
| 3 Type of Gyro input | NMEA0183, Synchro, Ste by step               |
| Input Power          | 100~200V AC/ 200~240V AC<br>50/60Hz, 8A / 4A |
| Output Power         | TX - 48V DC, 3.2A<br>RX - 48V DC, 4.18A      |
| Remote Access        | Tmonitor, SCS Software, Telnet Terminal      |
| External I/O         | RS232C, Mini USB, Ethernet, Console          |

### RADOME DIMENSION



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www.kns-kr.com

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