

# S10

## KU-BAND TVRO

# S \_SERIES

## SUPERTRACK

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.



### STANDARD FEATURES

- Automatic Satellite Search & Skew Control
- Accurate Signal Acquisition by KNS's Distinctive Algorithm
- Pre-programmed Satellite Database  
Editable 80 satellite data
- CE (EN60945) Satisfied
- True 3 Axis

### ABOVE DECK

<b>Dish Diameter</b>	100cm(40")
<b>Antenna Dimension</b>	144cm(D) x 152cm(H)
<b>Antenna Weight</b>	90 Kg
<b>Radome Material</b>	Honeycomb FRP
<b>Frequency</b>	10.7GHz ~ 12.75GHz
<b>Minimum EIRP</b>	43 dBW
<b>Operating Platform</b>	3 - Axis(Yaw, Level, Cross)
<b>LNB</b>	Quad / Quattro LNB(optional)
<b>Skew Control</b>	Automatic
<b>Elevation Angle</b>	-20° to +105°
<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>	48V DC, 4.18A

### BELOW DECK

<b>ACU Size</b>	19" Rack 1U size
<b>Gyro Interface</b>	NMEA 0183, Synchro, Step by Step
<b>Input Power</b>	100 - 120V AC / 200 - 240V AC, 50/60Hz, 8A/4A
<b>Output Power</b>	48V DC, 4.18A
<b>External I/O</b>	RS-232C, Mini-USB, Ethernet

### PACKING

<b>Size</b>	158 x 158 x 177 cm
<b>Gross Weight</b>	200Kg
<b>Packed by</b>	Wooden Crate

<b>Certification/ Qualification</b>	<b>EN60945</b>
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### WARRANTY INFORMATION

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

\* This Specification can be changed without notice.

