

S12

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

Dish Diameter	120cm(49")
Antenna Dimension	161cm(D) x 163cm(H)
Antenna Weight	105 Kg
Radome Material	Honeycomb FRP
Frequency	10.75GHz ~ 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 Pitch : ±14° at 6-12 sec periods 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

BELOW DECK

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

PACKING

Size	174 x 174 x 190 cm
Gross Weight	270Kg
Packed by	Wooden Crate

Certification/ Qualification	EN60945
---	----------------

WARRANTY INFORMATION

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

* This Specification can be changed without notice.

