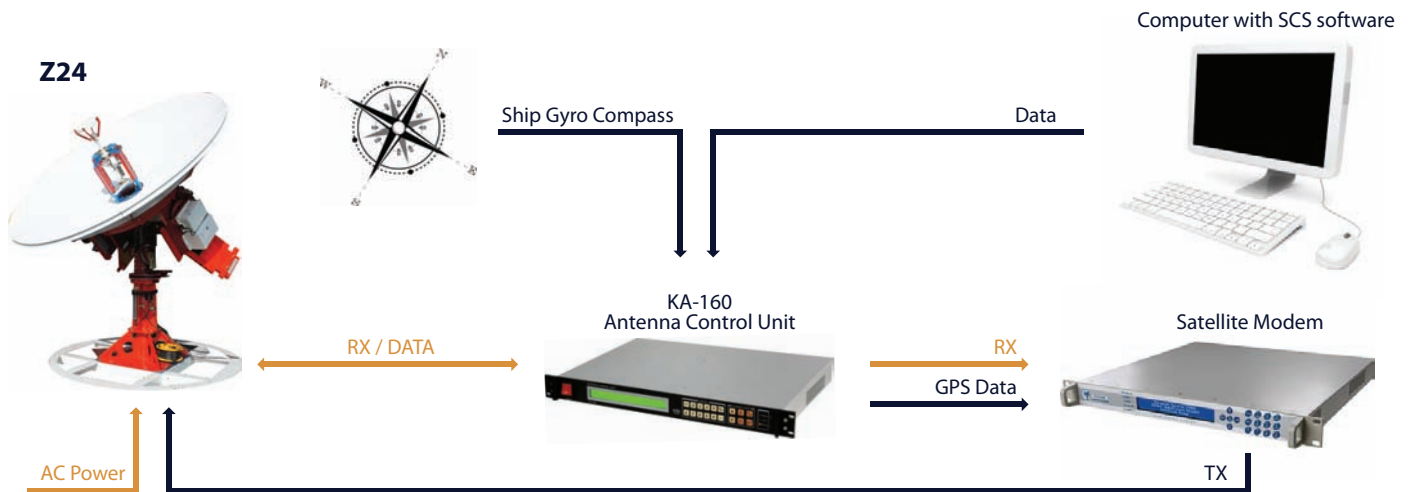


KNS SUPERTRACK

Z24 Specification

SYSTEM DIAGRAM



Meets FCC and CE requirement

ABOVE DECK

Dish Diameter	240cm (95.5")
Antenna Dimension⁽¹⁾	355cm(H) x 320cm(D)
Antenna Weight⁽²⁾	420kg (Based on 25W BUC)
Radome Material	FRP
RX / TX Frequency Band	TX : 5.85 ~ 6.725GHz C-Band, RX : 3.4 ~ 4.2GHz C-Band
G / T	20dB/K
RX / TX Gain**	38dBi / 41.6dBi
Axial Ratio	1.30 / 1.09 (RX / TX)
XPD(On Axis), dB	35
Polarization	Linear / Circular
Noise Temperature	24° k at 30° elevation
BUC	25 / 40 / 80 / 100 / 200 W
Operating Platform	3-Axis
First Sidelobe	-14dB 29 - 25logθ (1° ≤ θ ≤ 20°)
Skew Control	Automatic (-130° ~ +130°)
Elevation Angle	-15° ~ + 120°
Azimuth Range	Unlimited

Cross Angle	+/- 35°
Tracking Speed	More than 90° /sec
Vibration Damper	None
Temperature	-20° C to 55° C
Humidity	Up to 100% @ 40° C

BELOW DECK

ACU Size	19" Rack 1U size
Gyro Compass Input	NMEA, Synchro, Step-by-Step
Input Power	110/220VAC Free
Output Power	None
External I/O	RS232C, Ethernet, Mini USB

WARRANTY INFORMATION

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

*Specifications subject to change without notice

(1) Radome included

(2) Radome excluded

**Measured with Radome