

Z10MK2 KNS Ku-Band : Communications SuperTrack Z-Series

The SuperTrack Z-Series is the perfect solution for ships looking for broadband speeds at sea. Stay in touch with your networks via high speed access to the internet, email, multiple VoIP phones and more.



► Standard Features

Automatic Satellite Search & Skew Control

Unlimited Azimuth

Uninterrupted searching keep you in business however you ship turns
Cable wrap free

Brake System

Accurate Signal Acquisition by KNS's Distinctive Algorithm

Pre-programmed Satellite Database

Editable 80 satellite data

Antenna Control Unit

3 Types of Gyro Input(NMEA, Synchro, Step by Step)

CE R&TTE certified

Intelsat Qualified

Meets FCC and CE requirement

ABOVE DECK

Dish Diameter	100cm (39")
Antenna Dimension⁽¹⁾	144cm(D) x 152cm(H)
Antenna Weight⁽²⁾	114kg
Radome Material	Honeycomb FRP
Frequency	TX : 13.75 ~ 14.5GHz RX : 10.95 ~ 12.75GHz
Antenna Gain	TX : 41.7 dBi @ 14.5GHz RX : 40 dBi @ 11.75GHz
G / T**	18.89 dB/K (in Radome) @ 30deg. Elevation angle and 11.75GHz, Clear Sky
Operating Platform	3-Axis (Yaw, Level, Cross)
LNB	Universal
BUC	4W / 6W / 8W / 16W / 25W / 40W(optional)
Skew Control	Automatic
Elevation Angle	-20° ~ +110°
Azimuth Range	Unlimited
Cross Angle	±35°
Ship's 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	Wire Rope Isolator included
Temperature	-20°C to 55°C
Humidity	Up to 100% @ 40°C
Antenna Input Power	Tx : 48V ---, 3.2A Rx : 48V ---, 2.3A

BELOW DECK

ACU Size	19" Rack 1U size
Gyro Compass Input	NMEA 0183, Synchro, Step by Step
Input Power	100 to 240V ~, 50/60Hz, 4.5A max
Output Power	Tx : 48V ---, 3.2A Rx : 48V ---, 2.3A
External I/O	RS-232C, Mini-USB, Ethernet

PACKING

Size	158 x 158 x 177cm
Gross Weight	224kg
Packed by	Wooden Crate
Certification / Qualification	MIL-STD167, CE0678  INTELSAT

WARRANTY INFORMATION

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

*Specifications subject to change without notice

**Measured with Radome