Z6MK2 KU-BAND COMMUNICATION

Z _SERIES
SUPERTRACK

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**

ABOVE DECK

Dish Diameter	61cm(24")
Antenna Dimension	85cm(D) x 84cm(H)
Antenna Weight	43 Kg
Radome Material	Honeycomb FRP
Frequency	TX : 13.75 ~ 14.5 GHz
	RX : 10.7 ~ 12.75 GHz
Antenna Gain	TX : 37.2 dBi @ 14.25 GHz
	RX : 35.7 dBi @ 11.75 GHz
G / T	14.25 dB/K (in Radome)
	@ 30deg. Elevation angle and 11.75GHz, Clear Sky
Operating Platform	3 - Axis
LNB	Single PLL LNB / Universal LNB(optional)
BUC	4W / 6W / 8W / 16W (optional)
Skew Control	Automatic
Elevation Angle	-10˚ to +95˚
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	TX : 48V DC, 3.2A
	RX : 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	TX : 48V DC, 3.2A
	RX : 48V DC, 4.18A
External I/O	RS-232C, Mini-USB, Ethernet, Console

PACKING

Size	95 x 95 x 115 cm
Gross Weight	93Kg
Packed by	Paper Carton
Certification/ Qualification	INTELSAT CE0678①

WARRANTY INFORMATION

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

* This Specification can be changed without notice.