

Z18 TRACKSAT Ku-Band : Communications UltraTrack Z-Series

The UltraTrack 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.



Meets FC and CE requirement

ABOVE DECK

Dish Diameter	180cm(71")
Radome Size	235cm(H) x 230cm(D)
Radome Material	Honeycomb FRP
Frequency	Tx : 13.75 ~ 14.5GHz Rx : 10.75 ~ 12.75GHz
Antenna Gain	Tx : 46.6 dBi @ 14.2GHz Rx : 44.8 dBi @ 11.7GHz
Operating Platform	3-Axis (Yaw, Level, Cross)
LNB	Single PLL LNB / Universal (optional)
BUC	4W / 6W / 8W / 16W / 25W / 40W(optional)
Skew Control	Automatic
Elevation Angle	-15 to +110
Azimuth Range	Unlimited
Cross Angle	± 35°
Ship Motion	Roll: ±25 at 6 to 12 sec periods Pitch: ±15 at 6 to 12 sec periods Yaw: ±8 at 15 to 20 sec periods
Tracking Speed	More than 90/sec
Temperature	-20° C to 55° C
Humidity	Up to 100% @ 40□
Antenna Operating Power	48V DC, 6.6A
Antenna Input Power	100~120/200~240V AC, 8A/4A, 50/60Hz

BELOW DECK

ACU Size	19" Rack 1U size
Gyro Interface	NMEA 0183, Synchro, Step by Step
Input Power	100~120/200~240V AC, 8A/4A, 50/60Hz
Output Power	48V DC, 6.6A
External I/O	RS-232C, Mini-USB, Ethernet

WARRANTY INFORMATION

TrackSAT offers **2-year parts, 1-year onboard labour warranty** for the UltraTrack series

► 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 TrackSAT's Distinctive Algorithm

Pre-programmed Satellite Database

Editable 80 satellite data

Antenna Control Unit

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

*This Specification can be changed without notice.

TrackSAT