

Maritime VSAT Terminal v100NX

- Ku-Ka Dual Band
- GEO/MEO/LEO Tracking
- Cost Effective
- Easy to Install



KEY FEATURES

- Ku- to Ka-band convertible
- 2.5 GHz wideband Ka ready
- Dynamic motor brakes with integrated encoders
- 3-axis stabilized
- Global Search feature and Gyro enabled NMEA0183
- Compatible with all major modem brands
- Built-in Wi-Fi
- IPX6 standard
- Warranty (3 years for parts; 2 years for labour)
- 85cm NX series dish size also available

Parameters	Intellian v100NX Ku-Ka band Maritime VSAT Antenna
Antenna Size	105cm
Antenna Type	Ring focus
Transmit Peak Gain	42dBi @14.25 GHz (excl. radome)
Receive Gain	40.7dBi @11.70 GHz (excl. radome)
Polarisation	Linear, Cross & Co-pol
Frequency Range	Tx: 13.75~14.50 GHz Rx: 10.70~12.75 GHz
Min. Operating Elevation	-20°
Antenna Pointing Accuracy	0.2° peak mispointing @max ship motion condition
Tracking Mode	Global Search feature and Gyro enabled NMEA0183
Tracking Speed	10°/sec ²
Cross Pole Isolation	>30dB
Receive G/T	>20.0dB/K@12.75 GHz (clear sky, 30° elevation)
BUC Power	8W, 16W, 25W (Optional)
Modem Protocol	Comtech, Gilat, Hughes, iDirect, Newtec, SatLink
Antenna Interface	Ethernet port/ RS-232C/ RS-422C / I/O Console
Azimuth Range	Unlimited
Elevation Angle	-20° to +115°
ACU Size	431mm X 350mm X 44mm
ACU and Antenna Power Consumption (without BUC)	
- Static Power	120W
- Dynamic Power	150W

For more information, please email SAILAS@asiasat.com

AsiaSat Proprietary, 22 August 2022

Distribution of substantively modified versions of this document is prohibited without the explicit permission of AsiaSat