

## Maritime VSAT Terminal v100E

- Cost Effective
- Light Weight
- Easy to Install
- Built-in Wi-Fi



### KEY FEATURES

- 3-axis stabilised
- Global Search feature and Gyro enabled NMEA0183
- Compatible with all major modem brands
- Built-in Wi-Fi
- IPX6 standard
- Warranty (2 years for parts and labour)
- 0.6m and 0.8m dish sizes also available

Parameters	Intellian v100E Ku-band Maritime VSAT Antenna
Antenna Size	105cm
Antenna Type	Ring focus
Transmit Peak Gain	42dBi @14.25 GHz (excl. radome)
Receive Gain	40.5dBi @11.70 GHz (excl. radome)
Polarisation	Linear
Frequency Range	Tx: 13.75~14.50 GHz Rx: 10.70~12.75 GHz
Min. Operating Elevation	-15°
Antenna Pointing Accuracy	0.2° max in presence of specified ship motions
Tracking Mode	Global Search feature and Gyro enabled NMEA0183
Tracking Speed	10°/sec <sup>2</sup>
Cross Pole Isolation	>30dB
Receive G/T	19.8dB/K@12.75 GHz (clear sky, 30° elevation)
BUC Power	6W fixed
Modem Protocol	Comtech, Gilat, Hughes, iDirect, Newtec, Satpath, Spacebridge, UHP
Antenna Interface	Ethernet port (OpenAMIP)/ RS-232/ RS-422 / I/O Console
Azimuth Range	Unlimited
Elevation Angle	-15° to +110°
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](mailto:SAILAS@asiasat.com)

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