

## AsiaSat's Maritime VSAT Terminal – V101

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



### KEY FEATURES

- 3-axis stabilized, 4-axis tracking
- Built-in inertial guidance and BD (Beidou)/GPS module, no additional gyro-compassing inputs from vessel required
- Compatible with Gilat, iDirect, Newtec and UHP modems
- Built-in Wi-Fi
- IP56 standard
- 2-year Warranty (option for warranty extension)
- 0.6m and 0.8m dish sizes also available
- iDirect X5, IQ200 and UHP-100 modem can be installed inside the antenna radome

Parameters	V101 Maritime VSAT Antenna
Antenna Size	105cm
Antenna Type	Ring focus
Transmit Peak Gain	41.9dBi @14.25 GHz
Receive Gain	40.8dBi @12.50 GHz
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°RMS
Initial Acquisition Time	≤90s
Tracking Mode	Built-in inertial guidance
Cross Pole Isolation	>33dB
Receive G/T	18.4dB/K (clear sky, 30° elevation)
BUC Size Options	6W / 8W / 16W
Modem Supported	Gilat SkyEdge II-c Capricorn-4 iDirect X5/X7/IQ200 Newtec MDM2510/MDM3310 UHP-100
Antenna Interface	OpenAMIP
Azimuth Range	Unlimited
Elevation Angle	-15° to 115°
ACU Size	330mm X 210mm X 44.5mm
ACU and Antenna Power Consumption (without BUC)	
- Static Power	100W
- Dynamic Power	140W

For more information, please email [SAILAS@asiasat.com](mailto:SAILAS@asiasat.com)

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