

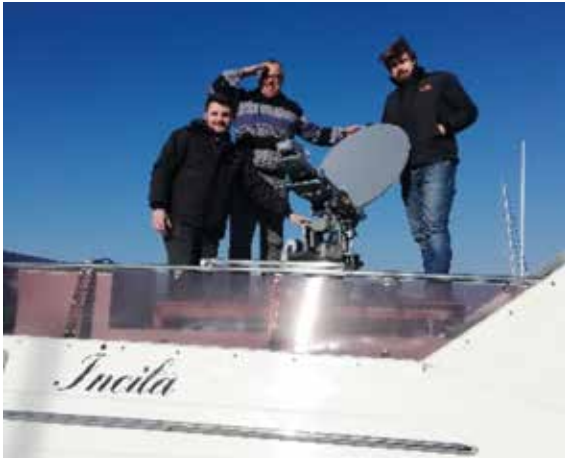
PoseidonSat Satellite

Ka Band Mobile Satellite Internet System



Cengiz DEVEKUŞU

PoseidonSat



- Provides interchangeable Satellite Internet Antennas on 0.1 - 0.2 degree instantaneous sensitivity, on a Robot 3 D stabilization system and it can work with the lines opened by any service line provider.
- The satellite tracking speed changes automatically between 3.5 degrees seconds and 12 degrees seconds depending on the need. It is designed to meet the speed and maneuverability of the ship on which it is located as a variable under suitable conditions.
- It provides satellite connection according to the signal perception status of its location with fully automatic Setup.
- Has Non Stop 360 degree Yaw rotation.
- Yahsat, Türksat, TooWay, Telenor and similar systems can operate both Jupiter and MariTime - Sourf Beam Ka band Satellite Internet services.
- Even if the negative conditions occur, even when the Internet is Time Out or Out, the conditions are improved, it can find and connect to the satellite again with Satellite connection fidelity. 3 axis Yaw - Pitch - Roll motors and logarithmic software are designed to provide stabilization in 9 axes independently.

Uses the International Standards provided by satellite Internet providers.

- All components of the system are designed as Mono Block within itself. For this reason, when VAC 220 50 Hz - 60 Hz current is applied, the system operates and starts broadcasting over Wifi. If requested, an Ethernet cable outlet can be reached. All cable presence has 5 Ghz noise and interference filter protection.
- 26/6 Downlout can process Uplout signal.
- With these features, it can provide IP TV connection for 450 msec - 600 msec bing time and live Ip Camera broadcast for the same processes.
- Setcom devices are adapted, Ip Fax, IP Voise Gsm, IP is a system ready for service to provide wireless connections between continents.
- The system operates with 1.5 Amp 440 Watt power. In terms of system safety and marine safety, it is recommended to be used with full sinus inverter devices. If the inverter devices have their own feeding units, they can be able to offer the Internet service even when the generators are not working.
- PoseidonSat Timing does not use a toothed and belt system. It is completely mechanical. With this feature, sensitivity tolerances can never be achieved even at temperatures between -40 and + 75 degrees. The clearance tolerance of my site is between 8 Arcmin and 15 Arcmin. Belt gaps in heat, tensions in cold, Triger Belts and wearing Timing gears do not contain PoseidonSat tga. The possibility of mechanical failure is negligible. Heat does not occur because there are 8 Arcmin levels that can be said to be non-friction during operation.
- VDC high Amp system is also not used. Cat 6 is also used where VDC is required. Ampere-connected cable warming is also out of the question.
- Electronic cards, which are also used, have been subjected to an active working test for 5 years. Electronic card and Electronic Module, Electronic component heating was not observed.



- If desired, cooling can be added in very hot geographical regions and thermostatic heating comforts in very cold geographical areas.
- The current distribution is designed separately for each unit. This feature also cannot support Power Supply units. The probability of failure is designed to be the minimum.
- Poseidonsat It has a rare feature that can perform Full Automatic Setup both on the ship and when navigating.
- The system is able to tolerate 40 - 60 Nm traumatic shock (dock clashes and desire conflicts due to the sea conditions of the ships).
- For example; A ship sailing in Marmara and using Poseidon Sat is intended to sail into the international waters, but it is possible to return the price from Jupiter to MariTime.
- It is possible to find Antenna, Check Test, Dounloup, Up Date, Up Gerade via Web Server. It is also possible to make joint comments and fault detection in Authorized Services Interventions.
- Electronic permission - Radoms and interventions opened without Cod are
- All electronic cards. Reset.
- National and International Service is Vsat Izmir.