

Thuraya® VIPturbo Module

Voice + IP = VIPturbo. The next generation voice and IP module design.

The single board solution that delivers every service on the network.

Marine
Land Mobile
Aero
Military/Government
Low Data Rate/SCADA

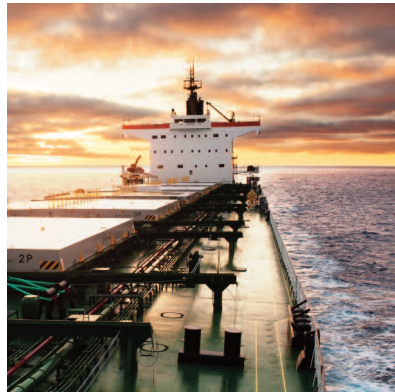


What it does.

VIPTurbo Module provides non-concurrent circuit switched as well as packet data connection capability. The module incorporates a set of common interfaces to allow OEM integrators to integrate into special purpose system solutions. A general purpose CPU within the VIPTurbo Module shall be used to host a variety of user-specific applications (e.g. SCADA, Aero, Marine, and Land Mobile), therefore eliminating the need (and additional cost) for an external controller. Designed “best of breed” from component level up in all design categories to offer maximum performance across all vertical markets.

Why you need it.

- Lowest cost
- Onboard processor utilized for customer-embedded applications
- Separate RF Headend Unit for antenna integration featuring single Coax for power, RF, and Control
- Separate Connector interface card for terminal vendor proprietary interface designs
- Cost-effective Engineering Support Service packages available



Marine



Land Mobile

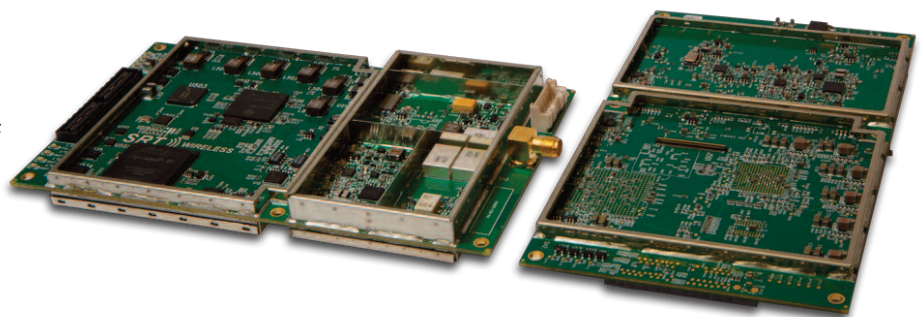


Aero



Military/Government

The VIPturbo Module is comprised of a single board modem and a separate RF Headend unit. The RF Headend unit incorporates the HPA, Duplexer, and LNA. This modular design allows remote deployment of the RF Headend unit with an appropriate antenna module to easily address Aero and Marine applications. The RF Headend unit can also be collocated with the VIPturbo Module to address terminal applications and designs.



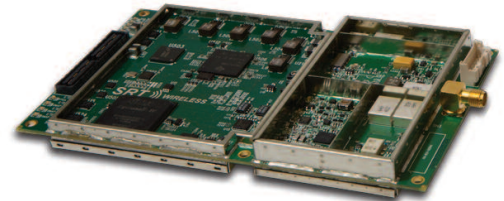
Key features.

- Accelerates time to market
- Powers maximum data rates
- Compresses time/resources
- Includes Thuraya Network Type Test Approval
- Includes standards compliance

Thuraya VIPturbo Technical Specifications

Thuraya VIPturbo Module

ThurayaIP Data	444kbps/384kbps standard down/up (with 10.5dBi antenna) 384kbps streaming up/down (with 10.5dBi antenna)
Circuit Switch Voice	Supported
SIM Card I/F	Dual Mini SIM Cards (Voice SIM, IP SIM)
Operation Temperature	-25C to +70C
RF Output Power	4W (from HPA at antenna connector, HPA not included)
Modern Input Power	5V (Host Interface Board supplies these Voltages)
HPA Input Power	28 VDC to 42 VDC depending on head-end type; delivered through coaxial cable
Maximum Allowable Head End Noise Figure	1.8db
Input System Noise Figure	1.5dB
EIRP with 10.5dBi Antenna	16.5dBW EIRP
System Performance Margin	1.8db
Command and Control	Webpage and AT commands, Customer Access to SRTW API
Supported Handsets	Addvalue Thuraya Handset



Schedule a product demonstration.



See Thuraya VIPturbo in action. To schedule a free product demonstration, please contact:

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