



# THURAYA ORION IP



A maritime-specific broadband  
for an enhanced experience at sea





**RELIABLE BROADBAND  
CONNECTIVITY AT SEA  
WITH STANDARD IP AT  
444 KBPS FOR FAST  
AND SECURE  
COMMUNICATIONS**

**FLEXIBLE AND  
COMPETITIVE PRICING  
PLANS**

**NETWORK  
CAN ASSIGN CAPACITY  
WHERE AND WHEN IT IS  
NEEDED**

**ROBUST, COMPACT,  
ADAPTABLE AND EASY TO  
INSTALL FOR MERCHANT  
MARITIME, FISHING,  
GOVERNMENT, AND  
LEISURE USERS**

**EQUIPPED WITH A SUITE  
OF VALUE-ADDED  
SERVICES, CAN BE USED  
FOR VARIOUS VESSEL  
APPLICATIONS**

## **A MARITIME-SPECIFIC BROADBAND TERMINAL**

Enjoy an enhanced experience at sea with the Thuraya Orion IP, a broadband terminal that has been specially designed for harsh maritime environments. This high quality and affordable broadband comes with a fantastic integration of a satellite network and software packages while keeping in mind the communication needs of both business and crew.

With data connectivity rates up to 444 kbps, the Thuraya Orion IP helps to maximize operational effectiveness while minimizing operational expenditures. You can assign capacity where and when it is needed for a virtually congestion-free service even at the world's busiest ports and shipping lanes. Moreover, you can benefit from flexible and competitive rates as well as post-paid plans for unlimited, low usage or VSAT back-up options.

Whether you're a merchant maritime, fishing, government, or leisure user, Thuraya Orion IP provides coverage across approximately 60 percent of the world's maritime routes to keep you connected at all times.

### **CHARACTERISTICS**

- Data rate(s): Up to 444 kbps (Standard IP); 16, 32, 64, 128, 256 or 384 kbps (Streaming IP)
- Size of Above Decks Unit (ADU): 277 mm x 391 mm
- Weight of ADU: 3.2 kg
- Ethernet: Four PoE ports, supplying 15W each to four PoE compliant devices
- Autonomous beam handover: Yes
- Wi-Fi Access Point: Yes
- Input Voltage: 10-31 volts DC; 70W max (7A max)
- Coaxial cable loss: 10dB max

### **POSSIBLE APPLICATIONS**

- Email
- Video conferencing
- Database replication
- VOIP
- Electronic chart updates
- Weather forecasts
- Anti-virus updates
- Remote IT Support
- Vessel Tracking
- Condition-based monitoring
- Crew welfare