Thuraya Atlas IP

The new wave in satellite communications at sea

Providing enhanced connectivity onboard ships

As a leading provider of maritime communications services, Thuraya continues to build on its reputation for delivering high-quality hardware and competitive airtime prices backed by a powerful, reliable satellite network.

Our commitment to the maritime market has been strengthened further with the release of Thuraya Atlas IP, a broadband terminal specifically designed to deliver added value to end users seeking enhanced connectivity and high-speed operational efficiency on board ships.

Atlas IP provides merchant maritime, government, fishing, and leisure entities, connectivity with a purpose-built, fully-featured maritime satellite terminal that provides best-in-class data rates of up to 444kbps. This terminal has the ability to switch to Circuit Switched Voice combined with a rich set of features that result in the perfect solution for all types of vessels.

What's more, Atlas IP has completed a rigorous testing, qualification and certification program including testing in a variety of marine environments and regions to ensure it lives up to its promise of being a 'lifeline' to the maritime sector.

For ship owners and operators looking to stay ahead of the competition in this demanding market, Atlas IP improves the communication link to vessels and reduces the overall cost of providing the link, with competitive airtime plans and hardware costs that are lower than less capable terminals.

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Specifications

Product Overview

Thuraya Atlas IP is a maritime-specific broadband terminal manufactured by Addvalue Innovations of Singapore which supports broadband data communications at speeds of up to 444kbps and asymmetric streaming at 16kbps-384kbps.

This terminal features improved power efficiency, a smaller form factor, and greater versatility than rival maritime broadband products. The terminal features a single cable connection to the stabilized antenna, direct bulkhead mounting and built-in Wi-Fi.

It also includes a range of features designed to support improved communications, functionality and enhances onboard ship operations. These features include port forwarding, which automatically transfers data from shipboard equipment and devices in support of M2M reporting routines, an English/Chinese web interface, a built-in firewall and continuous GPS output.

Technical Specifications	
Services	*Standard IP up to 444kbps*
	Streaming IP up to 384kbps
	Circuit switched voice
	SMS
	Distress alert
Position reporting	*Distance-based tracking*
	Time-based tracking
	Geo fencing (circle, polygon or rectangle)
IP connection	*Multi-user router mode (NAT enabled)*
	Single user router mode (NAT disabled)
	DHCP server
	Port forwarding
	Built-in firewall
	MAC filtering
	Built-in Wi-Fi 802.11 b/g
Multi-lingual support	*English, Chinese (simplified) and Chinese (traditional)*
Security and support	*Remote access of Web-MMI & Telnet port (with password protection)*
	Backup / restore of configuration settings
	Safe mode for fail-safe recovery
Above deck equipment	*Size: 324 mm (Dia) x 278 mm (H)*
	Weight: 3 kg
Below deck equipment	*Size: 293.9 mm(L) x 243.9 mm(W) x 68.6 mm(H)*
	Weight: 2.95 kg

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