VSAT Modem Mediator

Operate two separate modems without intervention

3+2
YEAR   YEAR
PARTS   LABOUR
GLOBAL WARRANTY

Aptus

RF Triggered modem mediator

Vessels operating in a network providing intelligent beam switching have the convenient option of a single, dual band modem. For users requiring seperate modems to support C- and Ku-band, however, The Intellian Modem Mediator eliminates the hassle of band switching. Instead of constantly changing cables, the Mediator autonomously changes modems based on the tracking satellite's frequency.

Redundant modem support

The modem mediator is also ideal for redundant modem environments. By allowing the user to install two separate modems and switch-over between them, it ensures reliable broadband connectivity even when one of the modems fails.

Simple and easy installation

The VSAT Modem Mediatorcomes in a one RU form factor and installs easily in the same rack as the modems and ACUs.

Connected modems can be configured and managed easily using the embedded Aptus Web software.

Various modem formats

The Intellian VSAT Modem Mediator supports a number of modem interfaces enabling satellite network connectivity.

Single Intellian Device Interface

The Modem Mediator can be connected to the Intellian LAN, enabling integrated monitoring and control of both the modem and the antenna system itself via the mediator's embedded Aptus Web software. This feature simplifies IP network setup through a single, common interface.

VSAT Modem Mediator

Technical Specifications

Physical	
Dimension (WxDxH)	43.1 x 38.1 x 4.4 cm (17" x 15" x 1.7")
Weight	2.5 kg (5.5 lbs)
Power Consumption	5 W Typ.
Frequency Range	950~2150 MHz
Connectors	75 Ohm F-Type Female

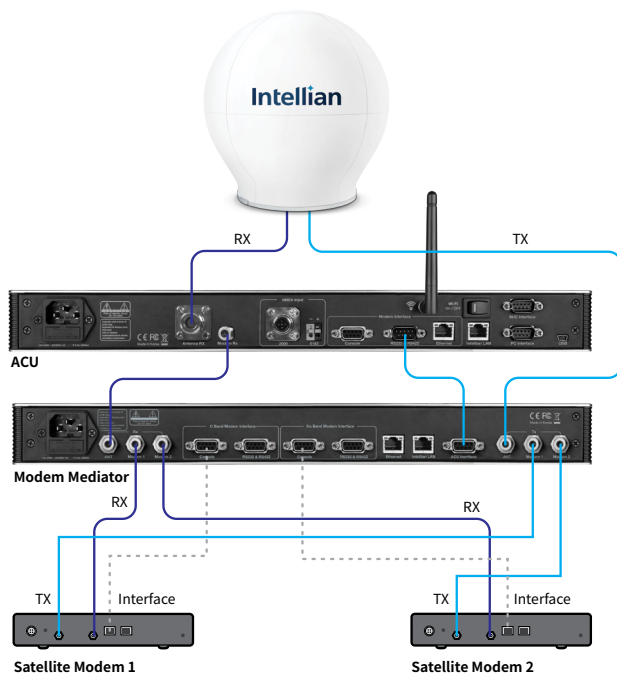| Interface	
Modem Interface	RS-232/422 / I/O ports / Ethernet (2EA for C-band and Ku-band modems)
Serial Interface	1 Rear panel D-sub port for ACU communication (19200bps)
	1 Front panel USB port for PC monitoring and control (57600bps)
Power Requirement	100 ~ 240 V AC, 50~60 Hz

Intellian VSAT Modem Mediator utilizes the industry leading technology to control two separate satellite modems with a single box. It is an optional accessory for the v240M, Intellian's multi-band antenna operating in C- and Ku-band satellite network, supporting convenient band switch-over without the need to swap modem cables whenever required.
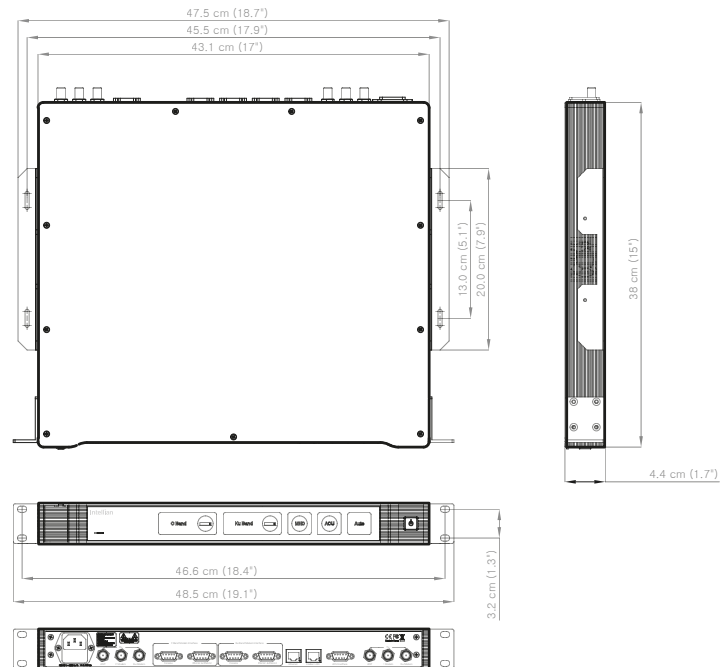
Key features

- Solution for vessels in redundant modem environments
- RF switch enabled
- User friendly interface
- Simple and easy installation
- Compatible with various modems
- Aptus Web for the mediator

System Diagram

System Dimensions

Part No. 2020VSAT_Modem_Mediator-DS1022