

ROSAT Integrated Chassis (RIC)



Baseband Solution

The ROSAT Integrated Chassis (RIC) provides a one-stop comprehensive baseband solution to work with your preferred Very Small Aperture Terminal (VSAT).

RIC integrates iDirect modem, RF modules and Network Switches in a ruggedised chassis in a compact form factor.

Key Applications

- Agnostic with Ku or Ka Band VSAT antennas
- Up to 50% SWaP savings over conventional setups
- Centralized management & control with GUI
- Layer 2 and Layer 3 networking
- Data logging for after-use analysis and optimization
- Built-in test with alarm

Key Features

- Rapid on-demand Deployment
- Land, Air and Maritime vessels
- Offshore and Remote Communications

Technical Specifications

RF Performance	
Frequency	950 MHz - 2150 MHz
Attenuation	0 to 20 dB (0.5 dB/step)
LNB Switching	13V/18V DC & 22 kHz tone
External Reference	10 MHz or 50 MHz (auto sensing)
Baseband	
Management	Ethernet
Power	
Input Voltage	18V - 36V DC
Power Consumption	400W
Environmental	
Operational Temperature	-10° to 55°
Storage Temperature	-20° to 71°
System Size & Weight	
Weight	20kg
Dimension	Ø 415L x 300W x 215H mm

