



The DVB-S2 Mini-Receiver is an innovative satellite communications device leveraging the DVB-S2 standard efficiencies and incorporates the ViaSat SkyPHY™ DVB-S2 Receiver ASIC. The small form factor is ideal for backpack type terminal systems, VSAT ODUs, or other terminal systems.

The Mini-Receiver's basic configuration is easily accomplished via the front panel while the GUI system has full control. For security reasons, the Mini-Receiver's TRANSEC is only configurable via the front panel.

It can be used as a stand-alone-device or rack mounted.

DVB-S2 MINI-RECEIVER SPECIFICATIONS

IF Frequency: 950-2050 MHz

Carrier signal level for antenna pointing is available via the GbE control port

Power available for LNB

RF connector: 75 Ohm F-type

DC input power over a range of 9 to 28 VDC

Operating Temperature:

- » -20 to +120F with solar loading

Qualified using MIL-STD-810F for:

- » Dust and Water Resistance
- » Loose Cargo Vibration
- » Relative Humidity
- » Altitude Capability
- » Drop Capability
- » Temperature
- » Separate User and Control GbE ports

MINI-RECEIVER AT-A-GLANCE

- » DVB-S2 Standard Compliant
- » LDPC/BCH Decoding with Demodulator Bypass
- » Constant (CCM) and Variable (VCM) Coding and Modulation
- » IPv4 and IPv6
- » FCC Part 15, Class "A" Device
- » Small Form Factor: 1.75" H x 7.9" W x 8.7" D
- » Low power < 8 Watts
- » Low Weight: 2.55 lbs (2.21 lbs without sunshade)
- » Ruggedized, Weather Tight and Wide Temperature Range Operation
- » MOPP-IV and Cold Weather Operations
- » Joint IP Modem (JIPM) TRANSEC approved by NSA and certified FIPS 140-2, Level 2
- » Limited to 23 Msps and QPSK only
- » Commercial AES 128 TRANSEC (option)



CONTACT

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