

DEVSAT EPM 2000 SKY

**SECURE SATCOM MODEMS
FOR AIRBORNE OPERATIONS**

DEVSAT-EPM-1000
Single Channel



C2TECH

FEATURES

- Secure and protected communication under extreme threats (jamming, EW, cyberattacks)
- Doppler compensation for fast moving platforms
- Automatic adaptation to adverse conditions and optimization of satellite resources
- Rugged and protected compliant with airborne and military standards
- Maintained connectivity in rotary wing platforms
- End to end complete solution
- Powered by C2Tech Ground Systems (HUB, MiniHUB, Mobile/Deployable Ground Station)

DEVSAT-EPM-8000
Multi Channel



PHYSICAL CHARACTERISTICS

Size	• 272x85x365 mm (HxWxD)
Weight	• < 6.5 kg
Operation Temperature	• -40 to +70 °C
Storage Temperature	• -55 to +80 °C
Power Consumption	• < 65 W
Power Supply	• +12 to 33 VDC
Altitude	• 15,000 m

MODULATION AND DATA RATES

MODCOD	• BPSK (1/6, 1/4, 1/3), QPSK (1/4, 1/3, 2/5, 1/2, 5/8), 8PSK (1/2, 2/3)
Spreading	• From BPSK 1/6 to BPSK 1/24
Data Rates	• Up to 50 Mbps

RF INTERFACES

- L Band Type N Rx/Tx
- 10 MHz reference on Tx/Rx
- LNB power on Rx

DATA INTERFACE

- 10/100 Ethernet 802.1Q VLAN
- Powerful QoS

MANAGEMENT INTERFACE

- Built in Web Management
- Remote SNMP Connection

TIME AND FREQUENCY INTERFACE

- NMEA0183 or IRIG B Input
- Embedded GNSS Receiver

SECURITY INTERFACE

- Ethernet and DS101 Key Loading
- Zeroize Button

ANTENNA INTERFACE

- OpenAMIP
- RSSI

STANDARDS AND CERTIFICATIONS

- RTCA-DO-160G (airborne environment)
- MIL-STD-461F (electromagnetic interference)
- MIL-STD-704F (aircraft electrical power)
- MIL-STD-810G (military environment)
- DO 178C and DO 254
- Compatible with STANAG-4606
- CE marking



Airborne Modem

In today's military theatre, air platforms require uninterrupted information when and where it is needed. Devsat EPM 2000 Sky is satcom modem providing high data rate, secure and resilient satcom communications for a manned or unmanned, fixed or rotary wing aircraft.

Devsat EPM 2000 Sky, is the most secure and cost effective SATCOM solution in the market today. Devsat EPM Sky provide seamless protection against jamming and interference together with high data rate IP communication.