



SGoPack

Ultraflat, military grade portable user terminal

The SGoPack Terminal is a small, rugged and ultra-light portable SATCOM Terminal. It is designed to be carried by only one person as hand luggage, IATA cabin bag size compliant.

The SGoPack is designed to comply with strict military standards MIL-STD-810 and MIL-STD-461. It provides satellite broadband service to Special Forces, government users, among others, wherever they need it.

It is designed for rapid deployment in the most demanding environments. The antenna unit is offered in X, Ka and Ku band. The base band unit is modem agnostic (iDirect, Paradise, Newtec, etc.).

Features:

**Designed to be carried
by only one person**

**Integrated display with friendly
graphic interface (GUI)**

**Immediate deployment
(Assembly is not required).**

**Autonomy > 2 hours at full
capacity (X-Band)**

IATA cabin bag size compliant

Radiofrequency features

Parameter	X-Band	Ka-Band	Ku-Band
Rx Freq	7.25 – 7.75 GHz	Civil: 19.2-20.2 GHz Military: 20.2-21.2 GHz	10.7 - 12.75 GHz
Tx Freq	7.90 – 8.40 GHz	Civil: 29-30 GHz Military: 30-31 GHz	13.75 - 14.5 GHz
Polarization	LHCP/RHCP	LHCP/RHCP	Linear H/V
G/T	5 dB/K	12 dB/K	11 dB/K
EIRP (Other BUC Options Available)	32 dBW	46 dBW	44 dBW
Regulatory compliant	STANAG 4484, MIL-STD-188-164	FCC-25.138	FCC 47 CFR.227, ETSI EN 302 186
Acquisition	Manual satellite carrier alignment guided by means of integrated display		
GPS	2 GPS antenna (auto-switching), GPS/GLONASS, GALILEO, SBAS		
Azimuth range	360 degrees		
Elevation range	0-90 degrees		
Inertial sensors	Accelerometers, gyroscopes, magnetometer and GPS.		

Mechanical and Environmental features

Parameter	X-Band	Ka-Band	Ku-Band
Dimensions	< 320 x 285 x 350 mm IATA cabin bag size -compliant		
Weight	9.5 kg	15 kg	15 kg
Case	2 Units: Antenna unit and base band unit. Assembly is not required		
Ingress Protection	IP67	IP65	IP65
Environmental	MIL-STD-810		
Power consumption	< 100 W	< 220 W	< 220 W
Power Supply	10 - 36 VDC or AC: 90 - 260 VAC		
EMI/EMC	MIL-STD-461		



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