

SGoPack ManPack

Small, rugged, ultra-light portable SATCOM Terminal for one person. Provides satellite broadband service to Special Forces and government users. Complies with MIL-STD-810 and MIL-STD-461 standards. Designed for rapid deployment in demanding environments. Antenna available in X, Ka, and Ku bands. Base unit is modem agnostic (iDirect, Paradise, Newtec, etc.).



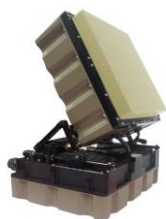
**Designed to be
carried
by only one person**

**IATA cabin
bag size compliant**

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

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

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



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	8 dB/K	11 dB/K
EIRP (Other BUC Options Available)	32 dBW	44.5 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	12 kg	12 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	< 180 W	< 180 W
Power Supply	10 - 36 VDC or AC: 90 - 260 VAC		
EMI/EMC	MIL-STD-461		



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