

FoldSat

**Leo OW Ku MIL
Manpack Military User
Terminal**

Designed and developed for the Eutelsat-OneWeb **Ku-Band LEO** satellite constellation. Our cutting-edge technology ensures seamless connectivity beyond traditional networks.

MIL-STD810H compliant

Operates in GNSS-denied environment with external antijamming GNSS antenna



Flat panel electronical antenna

Foldable manpack

**Low-size, Low-weight,
Low-power**

**Easy to deploy and
to operate.**

Full duplex

**Up to
195 Mbps/32 Mbps**

Integrated modem

Wi-Fi 6 capability

3-hour autonomy

**Hot-swap external
batteries**

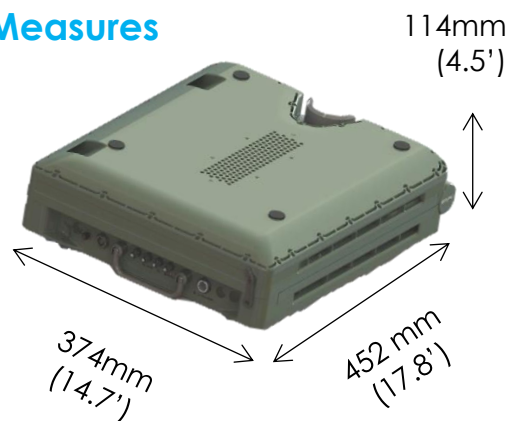
FoldSat LEO Ku OW MIL

Portable Satellite Communications Solution

Ku-band terminal performance

Dimensions	L45.2 cm x W37.4 cm x H11.4 cm (folded) L85.5 cm x W37.4 cm x H5.7 cm (unfolded)
UT weight	11.6 Kg (17.5 Kg including AC/DC, cables, tripod, battery)
Op. Temperature	-40°C to +55°C
EMI/EMC	MIL-STD standards: MIL-STD 810H and MIL-STD 461G
Power sources	Mains, battery, vehicle battery
Power consumption	170 W
Battery	294Wh
Capacity Autonomy	180 min with 2 x BB2590 batteries
Panel Interface	1 x 1GbE port - user traffic 4 x Night Vision Goggle LED (optional) Wi-Fi 6
Ingress Protection	IP65

Measures



Connectors & buttons

Push button

- On / Off
- Wifi On / Off

MIL grade connector

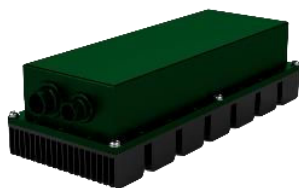
- Internet
- Power DC



Green light vision LED

- Power ON
- Modem Rx lock
- Modem Tx on
- General UT status

Accessories



Military AC/DC unit



Military Transit Case



Military Tripod



Military Battery



Headquarters:

C/ Marie Curie 19, 4ª floor
28521 Rivas-Vaciamadrid (Madrid)
Spain

grupooesia.com

Contact:

✉ producto@oesia.com

☎ +34 916 617 161

More information:

SatCom

