

SGoPack Man-Portable

Fixed COTP - MIL-STD Flat-panel user terminal

The Inster FD9 terminal is man-portable, self-aligning, easy to deploy ESA, optimized for operation over the OneWeb Ku-Band LEO satellite constellation. With its low-profile, foldable, full-duplex antenna, the Inster terminal represents a game changer for military operations and emergency response in areas beyond the bounds of traditional fixed and wireless networks .

The terminal is lightweight and capable of operating via external battery, yet delivering high-speed data, video and voice services under the toughest environmental and battle conditions

It comes with a Wi-Fi 6 built-in modem, an AC/DC unit, tripod, transit case and batteries. Perfect for civilian and military operations. The terminal is designed in compliance with MIL-STD 810H and MIL-STD 461G standards.

Features:

Full dúplex, foldable,
1-man portable, flat panel antenna.

Throughput up to
195 Mbps/32 Mbps (DL/UL).

Lightweight and self-aligning.

Operates with external OTS batteries.

Supports external GNSS input.

Wi-Fi 6 capability.



Ku-band terminal performance

Dimensions	452L x 374W x 114H mm (folded) 855Lx 374W x 57H mm (unfolded)
UT weight	11.8 Kg (17.5 Kg including AC/DC, cables, tripod, battery)
Op. Temperature	-20°C to +55°C - MIL-STD 810
EMI/EMC	MIL-STD 461 compliant
Power sources	Mains, battery, solar, vehicle battery
Power consumption	170 W
Battery	294Wh
Capacity Autonomy	90 min
Panel Interface	1 x 1GbE port - user traffic 4 x Night Vision Goggle LED (optional) Wi-Fi 6
Ingress Protection	IP65

