

# 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.

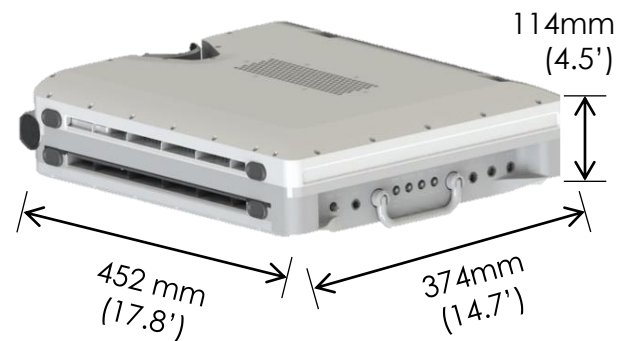
Wi-Fi 6 capability.



### Ku-band terminal performance

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



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