

Inster-Grupo Oesía FoldSat LEO Ku Terminal for Communication- on-the-Pause

Available with Intelsat FlexMove LEO



The Inster FoldSat LEO Ku OW is a uniquely designed, folding flat-panel terminal that is highly portable, military-grade rugged and easy to deploy. It integrates an electronically steered array (ESA) terminal into its compact form and operates at high speeds and full-duplex communication over Intelsat's FlexMove LEO services carried over Eutelsat OneWeb's Low Earth Orbit (LEO) satellite constellation. This provides you with low latency and high speeds to support high-resolution images, live video, voice and data communications. Altogether, this solution provides a transformative satellite connectivity solution.

Flat Panel ESA | LEO Ku Band | COTP Applications | Ruggedized | Low Profile

The Inster FoldSat LEO is offered in both military and commercial models, meeting requirements for mission-critical and commercial communications-on-the-pause (COTP) use even in the roughest of environments, where terrestrial networks are unreliable or unavailable. Both models provide Wi-Fi 6 and interfaces for 1Gb Ethernet, night vision goggles and external GNSS inputs. When folded, this terminal easily can be carried anywhere, set up quickly and run on battery at full speed!



Military and Defense



First Responders
and Public Safety



Humanitarian Aid
and Disaster Response



Field Operations



Broadcast Services



Journalism and
Adventure Travel



Smart Agriculture



Construction and Mining





Inster FoldSat LEO Ku Portable Flat-panel Terminal for Communication On-the-Pause

- Foldable design fits in a suitcase and can be carried by one individual
- Throughput up to 195 Mbps/32 Mbps full-duplex supports demanding use for comms and video
- Self-aligning and easy to use
- Operates on battery power for use in remote areas
- Wi-Fi 6 capabilities for use up to 100 feet

SPECIFICATIONS

DIMENSIONS

Folded (L×W×H): 448x374x114 mm /
17.6" x 14.7" x 4.5"

Unfolded (L×W×H): 855x374x57 mm /
33.7" x 14.7" x 2.2"

WEIGHT

11.8 Kg / 26 lbs

17.5 Kg / 38.6 lbs (With AC/DC,
cables, tripod and batteries)

OPERATIONAL TEMPERATURE

-40°C to +55°C / -40°F to 131°F

POWER SOURCES

AC/DC, external battery, optionally
with solar or vehicle battery

POWER CONSUMPTION

170W (typical) / 190W (peak)

BATTERY CAPACITY

294Wh / 90 minutes depending
on usage

PANEL INTERFACE

Wi-Fi 6, 1GbE port, 4 x Night Vision
Goggle LED (optional), supports external
GNSS input

CERTIFICATIONS

FCC, ingress protection IP65, MIL-STD
810H and 461G compliant

COLOR

Military variant is dark green /
Commercial variant is white



To learn more about IntelSat FlexMove, visit intelsat.com/land-mobility or contact your local sales representative.

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