

COMPACT MULTI-ORBIT SATCOM BY DESIGN.  
DRIVEN BY MISSION.



READY FOR TODAY AND TOMORROW'S  
CHALLENGES.

Experience the  
Kestrel™ u5.  
[Inquire Now!](#)

**MORE FLEXIBLE  
ARCHITECTURE**

Core terminal minimized to enable greater integration flexibility

Expandable router

**FASTEST WATER  
SHEDDING POSSIBLE**

**IP68 INGRESS RATING**

**NO MOVING PARTS**

**PASSIVE COOLING**

**VERY LOW POWER**

Total system power  
< 100 W typical  
200 W max

**TURNKEY PRODUCT  
BUNDLES**

**INDUSTRY-LEADING  
QUALITY**

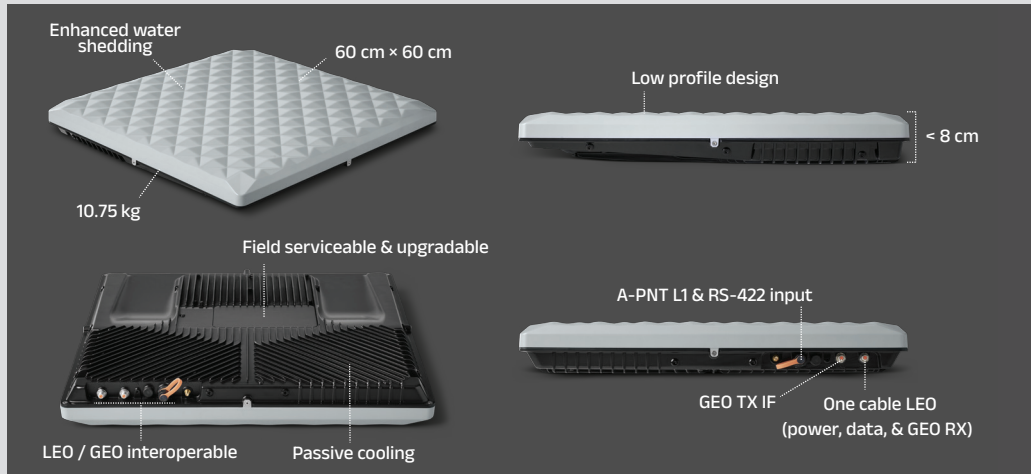
Engineered and tested for maximum durability

Field-proven reliability

10+ years of cutting-edge innovation, product development, and in-field experience

SPECIFICATIONS

Receive (RX) Band	10.7 GHz to 12.75 GHz
RX Performance (G/T)	9.2 dB/K (broadside)
Transmit (TX) Band	13.75 GHz to 14.50 GHz
TX Performance (EIRP)	LEO 40.3 dBW GEO 42.3 dBW (broadside)
Cross-pol Isolation	GEO ≥ 25dB
Dimensions	L 60 cm × W 60 cm × H 8 cm L 23.6 in. × W 23.6 in. × H 3.1 in.
Weight	10.75 kg / 23.7 lb.
Operational Temperature	-40 °C to +55 °C (ambient) -40 °C to +70 °C (with solar load)
Survival Temperature	-40 °C to +85 °C



**MULTI-NETWORK**  
LEO and GEO network compatible, modem-agnostic architecture

**FASTER BEAM SWITCHING**  
Sub-1 ms repointing, tuning, and polarization switching

**RUGGED**  
Designed for land and maritime mobility with best-in-class durability

**MULTI-ORBIT**  
Supports LEO, GEO, HEO, and elliptical orbits

**WAVEFORM AGNOSTIC**  
Supports both legacy and next-generation waveforms

**SMALLER & LIGHTER**  
Lowest SWaP-C (Size, Weight, Power, and Cost) in its category

**FULL APERTURE**  
Maximum antenna area with interlaced RX and TX apertures

**FULL DUPLEX & POLARIZATION AGILE**  
Higher throughput, lower jitter, and future proof

**FUTURE-READY & EXPANDABLE**  
Field-serviceable and upgradable

