

A RADICALLY REIMAGINED SATELLITE TERMINAL



LEANER, TOUGHER, AND QUICKER — 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

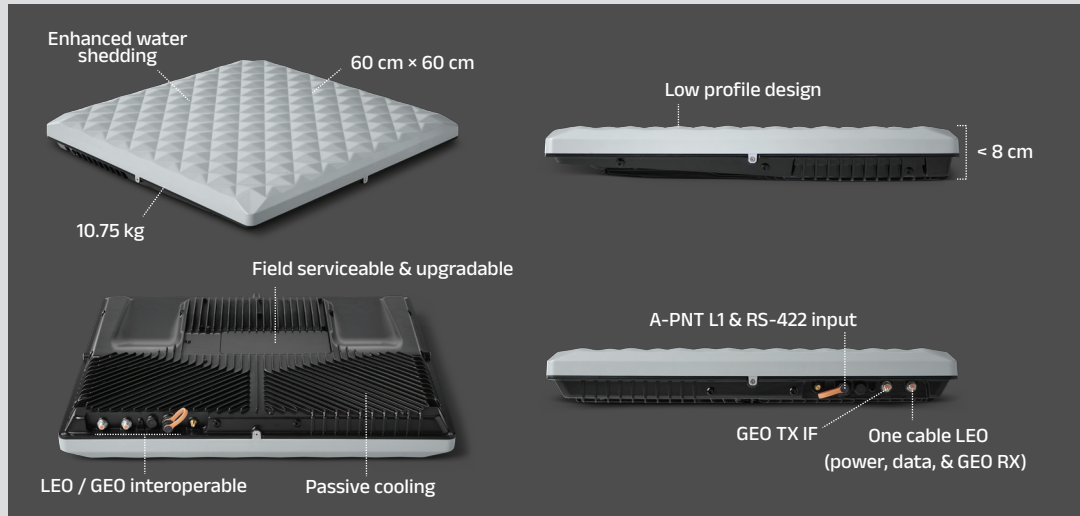
Engineered and tested for maximum durability

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 +70 °C
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

