

A PARADIGM SHIFT FOR
RUGGED SATCOM MOBILITY

Experience the
Kestrel™ u5.
Inquire Now!

RUGGED

Rail-certified to EN 50155, EN 45545-2, EN 50121, and high-voltage safety standards

Passive cooling with no fans

IP69K and IP68 ingress protection

Fastest water shedding possible

SIMPLE TO INSTALL

Single-cable to router (power and LEO data)

Mount and rail-certified DC/DC power supply included

Very low power consumption: total system power 100 W typical

INDUSTRY-LEADING QUALITY

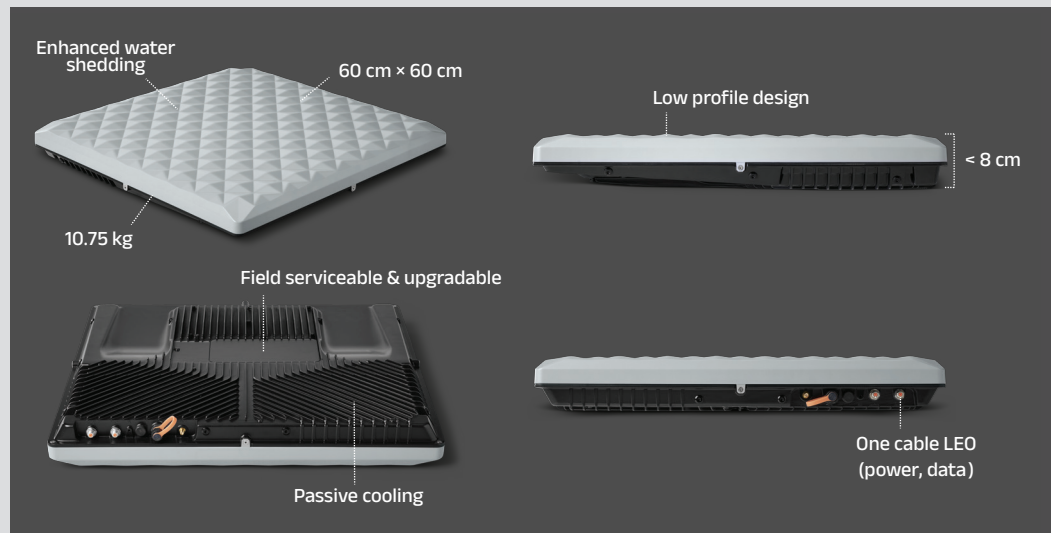
Engineered and tested for maximum durability

Field-serviceable and upgradable

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)	40.3 dBW
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



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

RUGGED
Designed and tested for harsh environments with no moving parts

FUTURE-READY & EXPANDABLE
Field-serviceable and upgradable

FULL APERTURE
Maximum antenna area with interlaced RX and TX apertures

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

MULTI-ORBIT
LEO and GEO network compatibility, modem-agnostic architecture (GEO optional)

