

## A RADICALLY REIMAGINED SATELLITE TERMINAL FOR USVs



LEANER, MEANER, AND QUICKER — READY FOR  
TODAY AND TOMORROW'S CHALLENGES

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

### MORE FLEXIBLE ARCHITECTURE

Core terminal  
minimized for increased  
integration optionality

Single cable  
configuration

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

10+ years of cutting-edge  
FPA development

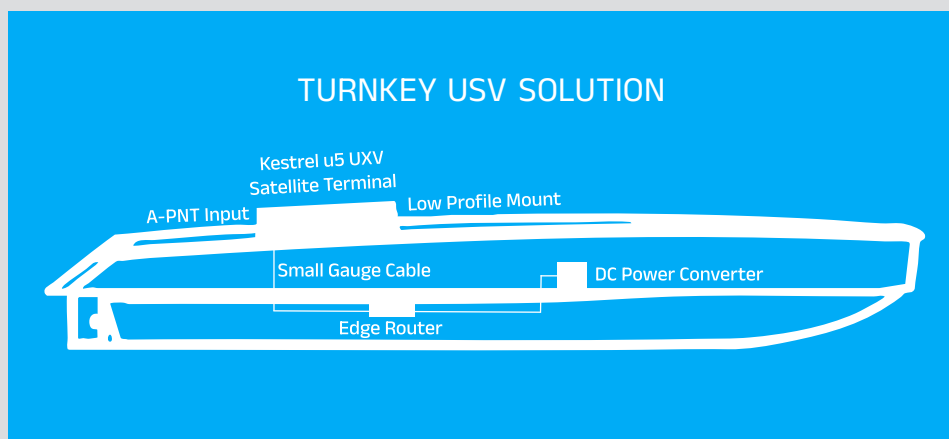
Engineered and tested for  
maximum durability

Field proven reliability:  
Highest MTBF in market

DEVELOPER KITS  
AVAILABLE FALL 2025

### 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	11 kg / 24 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 msec.  
repointing,  
tuning, and pol



**RUGGED**  
Ready for land and  
sea mobility, best in  
class durability



**MULTI-ORBIT**  
LEO, GEO, HEO  
+ Elliptical



**WAVEFORM  
AGNOSTIC**  
Compatible with  
future and legacy  
waveforms



**SMALLER  
& LIGHTER**  
70% smaller, 68%  
lighter than  
Kymeta u8



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



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



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

