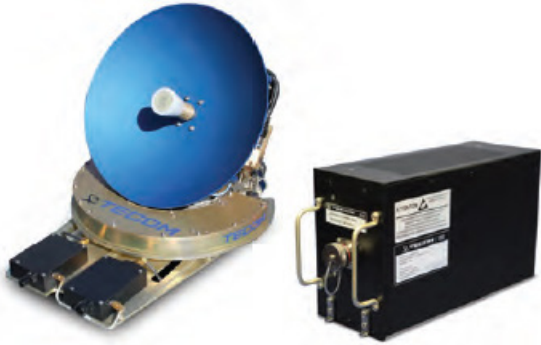


KaStream[®] 5000 MK II



Integrated 3 LRU Solution

TRAK TECOM, a U.S.-based company who is a trusted and proven market leader for gate-to-gate in-flight connectivity introduces the KaStream[®] 5000 MK II series. This next generation network-agnostic, high performance broadband SATCOM terminal consists of 3 LRUs (Line Replaceable Units): A Satellite Tracking Antenna Assembly (STAA), and Antenna Control Unit (ACU) and a commercially available customer-selected modem.

Satellite Tracking Antenna Assembly (STAA)

- Fully integrated solution combining the RF electronics, antenna aperture, and motion control system in a single LRU
- High efficiency thermal design to maximize operation in the harshest environments

Antenna Control Unit (ACU)

- Interfaces with aircraft for navigation informat
- Provides antenna positioning command and control
- Controls High Power Transceiver (HPT)

Modem

- Customer selected

Next Generation Ka-Broadband Antenna System for In-Flight Connectivity

Features & Benefits

- Superior antenna system performance in transmit and receive
 - Maximizes satellite footprint usage, resulting in fewer satellites required for network operation, therefore reducing cost
- Ka-band RF spectrum coverage for commercial and military use
- Real-time switchable dual polarization
- Easily adaptable to most commercially available modems
- Offers maximum flexibility to operate on High Throughput Satellites (HTS)
- RTCA DO-160G Certified

