



T220 UAV SYSTEM

A LIGHTWEIGHT, HIGH-PERFORMANCE SATCOM SOLUTION BUILT
FOR SMALL TACTICAL UAVS.



T220 - UAV SYSTEM

The T220 matches the connectivity and performance of much larger satcom systems in a compact, lightweight, and low-power design. This higher efficiency improves tactical UAV performance for BLOS operations and opens up new payload configuration options. Ideal for military missions, real-time surveillance, mapping surveys and scientific research.



IMPORTANT FOR



NATIONAL SECURITY



GOVERNMENT



**ENVIRONMENTAL
AGENCIES**



**AEROSPACE &
UAV DEVELOPMENT**

Technical Specification

DIMENSIONS AND WEIGHT	LENGTH: 241 MM WIDTH: 157 MM HEIGHT: 64 MM WEIGHT: 2 KG
INTERFACES	SERIAL PORT OPTIONS - 1. TWO RS-232 INTERFACES, ONE WITH HARDWARE FLOW CONTROL 2. TWO RS-485 INTERFACES 3. ONE RS-422 (FULL-DUPLEX) INTERFACE 4. TWO CAN INTERFACES ETHERNET PORT - 2 POWER PORT - +12 VDC TO +32 VDC AT UP TO 2.5 A CONTINUOUS.
ALTITUDE	UP TO 20,000 FT
TEMPERATURE RANGE	OPERATING: -40°C TO +55°C
VOLTAGE	+12 VDC TO +32 VDC
POWER CONSUMPTION	UP TO 30W

Features

- Weight- and size-optimized for small tactical UAVs
- Airframe-mounted Single LRU
- Best in class data rates up to 1 Mbps
- Includes two serial interfaces, two ethernet interfaces, discrete and power inputs
- Integrated BITE
- Seamless coverage over Thuraya-4 satellite