

# JetWave™ MCS8000 Series Satcom



**Ka-Band Data for  
the Cabin and Cockpit**

**Honeywell**

# JetWave MCS8000 Series Satcom Terminal

The Honeywell JetWave Ka-band GX Aviation Satellite Communications terminal provides seamless global broadband service via the Inmarsat Global Xpress® network. Designed to give users the ultimate flexibility and connectivity, the system supports both the commercial global spot beams and high capacity commercial (HCC) spot beams without reconfiguring the system, transitioning networks or changing providers.

The terminal is available in two configurations, a fuselage mount antenna system for larger air transport grade aircraft and a tail mount antenna system for corporate and business aviation aircraft.



Fuselage Antenna



Tail Antenna



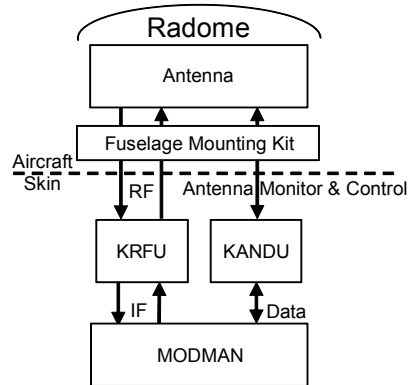
Modman



KANDU

## Key Features:

- System operates on Inmarsat's Global Xpress network
- True global high speed network access
- Unmatched upload and download speeds
- True subscriber model where Inmarsat provides full network operations
- Simplified installation with 4 LRUs
- Optimized swept volume for compact and low elevation radome
- Supports ARINC 429



KRFU

## System Description/Specifications

### Description

Ka-band Satcom Terminal

### Network Support

Operates on the Inmarsat Global Xpress Ka-band network

### Hardware Configuration

Fuselage Antenna system  
Tail Antenna system

Both include RF and antenna controller, and modem and router

### Maximum Bit Rates

#### Fuselage Antenna System:

- Forward link: 50 Mbits/sec
- Return Link: 4.7 Mbits/sec

#### Tail Antenna System:

- Forward link: 33 Mbits/sec
- Return Link: 2.2 Mbits/sec

### Interfaces

AC Power  
Multi Ethernet data

### Dimensions

#### Modman

- Size 5" x 14.3" x 7.5" 4 MCU
- Weight: 14lbs

#### KRFU:

- Size: 3" x 14" x 9"
- Weight: 16lbs

#### KANDU:

- Size: 5.5" x 10" x 9"
- Weight: 9lbs

#### Fuselage Antenna:

- Size: 37" swept volume x 9" high
- Weight: 90lbs

#### Tail Antenna:

- Size: 13" x 12" x 13.7"
- Weight: 10lbs

### Radome

Honeywell provides a range of radome solutions for fuselage and tail mount antennas. Contact Sales for information.

### Navigation / Positioning

ARINC 429 from aircraft navigation bus

## Honeywell Aerospace

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