

Honeywell

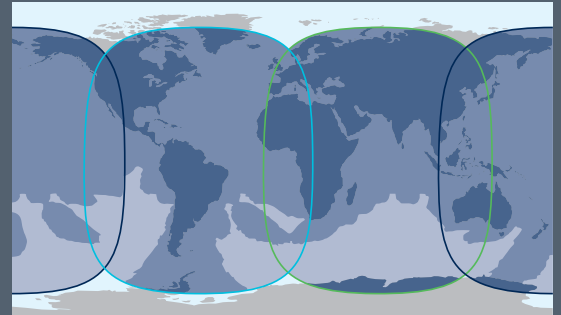


MCS-8000
MCS-8100

Honeywell JetWave™
for Business Aviation
Jet Connex™

Honeywell JetWave MCS-8000/MCS-8100 Satcom Solutions

Honeywell JetWave Satellite Communications terminals provide in-flight Ka-band global broadband service. Operating on the Inmarsat Global Xpress network, the JetWave system is designed to provide seamless, broadband-class data connectivity around the world. The hardware and network are optimized for mobility, providing an outstanding passenger connectivity experience.



Global Xpress Coverage Map

These two MCS (Multi-Channel Satcom) configurations use identical RF and antenna controller, modem and router components, with the only difference being that the MCS-8000 uses a tail-mounted antenna and the MCS-8100 uses a fuselage mounted antenna.



Components

Key Features:

- System operates on the new Inmarsat Jet ConneX™ network, with three satellites covering the globe (Polar regions excepted)
- True broadband class connectivity, with data rates up to 15 Mbps
- Committed Information Rates (CIRs) provide the industry's only data rate guarantee
- Service offered through industry-leading Distribution Partners (DPs)
- Wide variety of service plan offerings allows customers to select the plan and price best suited to their needs. Plan pricing remains constant throughout the contract period to eliminate surprises and to easily manage in the annual operating budget
- Worldwide support through Distribution Partners, Honeywell service depots, and Inmarsat ground network and product experts
- Service available now



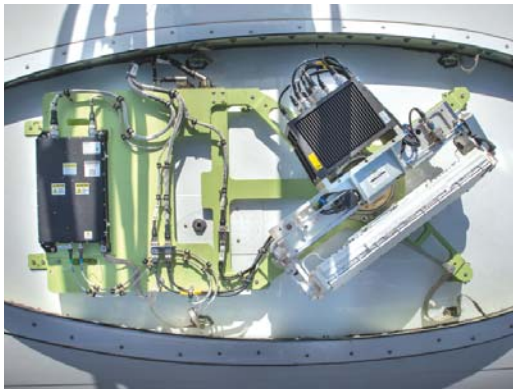
Fuselage Mount Antenna

Air Transport Category Aircraft



Tail Mount Antenna

Business Jet Aircraft



Both systems include a common RF and antenna controller, modem & router.



KRFU



KANDU



ModMan

Radome Hardware Overview

MCS-8000

- Radome and installation kit require aircraft OEM definition (STC) and will be based on platform type

MCS-8100

AIM (Aircraft Interface Mount)

- Platform agnostic skirt and fitting
- Reduced part type count
- Improved accessibility for install
- ARINC791 compliant

LAIM (Local Aircraft Interface Mount)

- Aircraft specific skirt and fitting
- Lighter weight
- Lower cost
- Waveguide customized for specific business aircraft

System Description/Specifications	
Description	System Hardware
Ka-band Satcom Terminal	ModMan
Network Support	– Size 5.02” x 15.32 “x 7.88” 4MCU
Operates on the Inmarsat Jet ConneX Ka-band network	– Weight: 14.0 lbs
Fuselage-mounted antenna (MCS-8100) or Tail-mounted antenna (MCS-8000)	KRFU:
Both systems include a common RF and antenna controller, modem & router	– Size: 3.23” x 18.05” x 9.01”
Maximum Data Rates	– Weight: 11.3 lbs
Up to 15 Mbps downlink	KANDU:
Up to 1.0 Mbps uplink	– Size: 4.74” x 11.02” x 9.06”
Interfaces	– Weight: 8.7 lbs
115 V / 400Hz AC Power	Fuselage Mount Antenna:
Multi Ethernet data	– Size: 35.72” swept volume x 9.39” high
ARINC 429 from aircraft navigation bus	– Weight: 83.0 lbs
	Tail Mount Antenna:
	– Size: 8.12” x 11.7” x 13.75” 12” max Swept Volume
	– Weight: 10.0 lbs

Honeywell Aerospace

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