

Honeywell

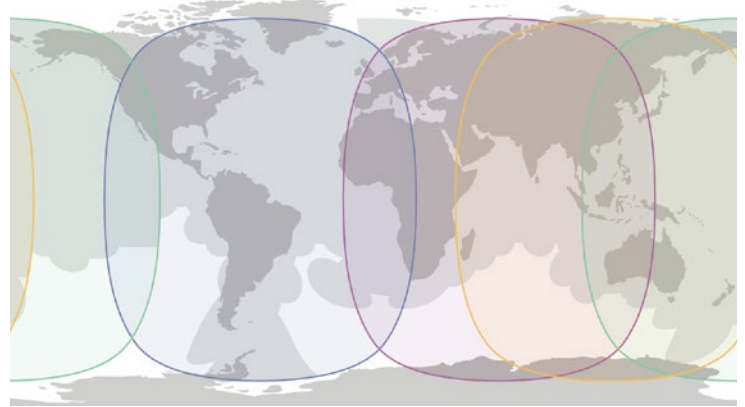
THE POWER OF **CONNECTED**



GX KA-BAND BROADBAND CONNECTIVITY

Honeywell JetWave MCS-8000/MCS-8100 Satcom Solutions

Honeywell's JetWave™ satellite communications terminals enable global consistent connectivity via Inmarsat Aviation's Global Xpress (GX) Ka-band network. Designed to provide broadband-class data connectivity, the hardware and network are optimized for mobility to provide a consistently outstanding passenger experience all over the world. Passengers can experience the same Wi-Fi connection at 40,000 feet as they would on the ground.



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 Inmarsat Aviation's Global Xpress Ka-band network, with four satellites covering the entire globe (polar regions excepted)
- True global broadband class connectivity
- FMA capable of speeds up to 50 Mbps
- TMA capable of speeds up to 30 Mbps
- Committed Information Rates (CIRs)
- Service offered through industry-leading Distribution Partners (DPs)
- Worldwide support through Distribution Partners, Honeywell service depots, and Inmarsat ground network and product experts
- Service available now



Fuselage Mount Antenna
Air Transport Aviation



Tail Mount Antenna
Business Aviation

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



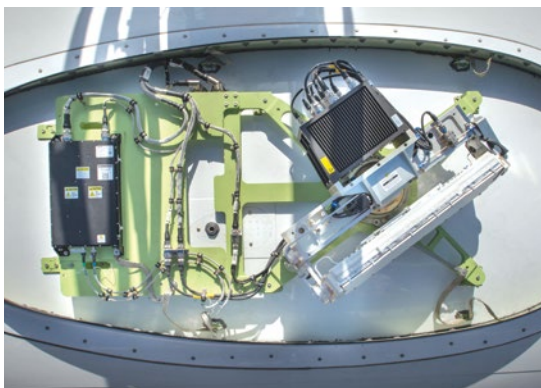
KRFU



KANDU



ModMan



Radome Hardware Overview

MCS-8200

AIM Kit

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

LAIM Kit

- Aircraft specific skirt and fitting
- Lighter weight
- Lower cost

MCS-8000

- Radome and installation kits to be defined on a per platform (STC) basis

System Description Specifications	
GX KA-band Satcom Antennas and Terminals	
Network Support	Operates on the Inmarsat's GX Ka-band network Fuselage-mounted antenna (MCS-8100) or Tail-mounted antenna (MCS-8000) Both systems include a common RF and antenna controller, modem and router
Interfaces	115 V / 400Hz AC Power Multi-Ethernet data ARINC 429 from aircraft navigation bus Honeywell.comw

System Hardware	Specifications
ModMan	Size 5.02" x 15.32" x 7.88" 4MCU Weight: 14.0 lbs
KRFU	Size: 3.23" x 18.05" x 9.01" Weight: 11.3 lbs
KANDU	Size: 4.74" x 11.02" x 9.06" Weight: 8.7 lbs
Fuselage Mount Antenna	Size: 35.72" swept volume x 9.39" high 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

Honeywell
1944 E. Sky Harbor Circle
Phoenix, AZ 85034
aerospace.honeywell.com