

**Honeywell**

# JetWave™ Satellite Communications Terminal

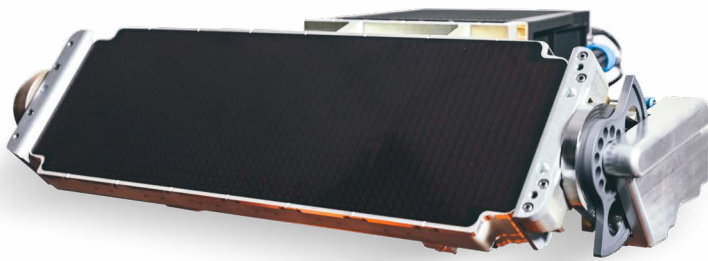


## Honeywell JetWave™ MCS-8400 Satcom Solutions

Honeywell's JetWave™ satellite communications terminals enable high-speed and consistent connectivity via the China Satcom Ka-band network. Dedicated to the China market and designed to provide broadband-class data connectivity, the hardware and network are optimized for mobility to provide a consistently outstanding passenger experience during domestic flights in China. Passengers can experience the same Wi-Fi connection at 30,000 feet as they would on the ground.

System Description	Specifications
<b>JetWave Ka-band Satcom Antennas and Terminals</b>	
Network Support	Operates on the China Satcom Ka-band network Fuselage-mounted antenna (MCS-8420)
Frequency Range	Transmit: 29.5 – 30 GHz Receive: 18.7 – 20.2 GHz
Maximum Data Rates	Up to 120 Mbps downlink (to the aircraft) Up to 6 Mbps uplink (from the aircraft)
Polarization	Switchable RHCP/LHCP on both transmit and receive
Interfaces	115V / 400Hz AC Power Multi-ethernet data ARINC 429 from aircraft communication bus

Fuselage Mount Antenna



BUC-HPA



KANDU



Modman



## Components

### Key Features:

- System operates on the China Satcom Ka-band network
- True broadband class connectivity
- FMA capable of speeds up to 120 Mbps
- Jetwave hardware offered through Air Esurfing (Distribution Partner)
- Retrofit package available in late 2019

System Hardware	Specifications
FMA	Size: 37" swept volume x 9.39" high
BUC-HPA	Size: 3.23"x18.05"x9.01" Weight: 11 lbs (4.9 kg)
KANDU	Size: 4.74"x11.02"x9.06" Weight: 8.4 lbs (3.8 kg)
Modman	Size: 5.02"x15.32"x7.88" (4MCU) Weight: 12.9 lbs (5.9 kg)
APM	Size: 4.5"x4"x1.3" Weight: 0.75 lbs (0.34 kg)

## Radome Hardware Overview

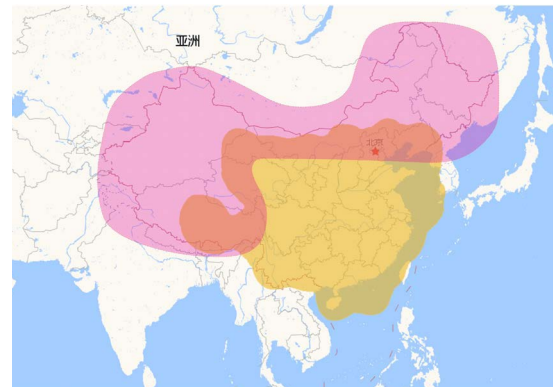
### AIM Kit

- ARINC-791 Compatible
- Includes radome, platform skirt and fittings
- Reduced part count
- Improved accessibility for install

### LAIM Kit

- Non-ARINC 791
- Includes radome, mounting plate and aircraft-specific skirt
- Lighter weight
- Lower cost

China Satcom Coverage Map



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