INMARSAT GLOBAL GOVERNMENT
COMMUNICATIONS MADE CERTAIN
Honeywell’s JetWave™ MCS-8000 aeronautical satellite communication terminal enables Global Xpress connectivity for smaller aircraft. The MCS-8000 is designed to provide broadband-class data connectivity and the hardware and network are optimised for mobility to provide a consistently outstanding passenger experience all over the world.

**STANDARD RF AND ANTENNA CONTROLLER**

Both variants of the MCS terminals share the same RF and antenna controller, modem and router hardware, with this tail-mounted antenna optimised for Smaller aircraft.

**SUPPORT**

Worldwide support is provided through Honeywell’s Distribution Partners and Honeywell service depots.

**RADOME**

The radome and installation kits are to be defined on a per platform (STC) basis.

---

<table>
<thead>
<tr>
<th>TERMINAL EFFICIENCY GROUP</th>
<th>1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE APPROVAL</td>
<td>Yes</td>
</tr>
<tr>
<td>MODEM TYPE</td>
<td>iDirect CX780 Core Module, ARINC enclosures</td>
</tr>
<tr>
<td>APERTURE</td>
<td>33cm x 30.48cm x 35.6cm (13x12x14inches)</td>
</tr>
<tr>
<td>BLOCK UP CONVERTER (BUC)</td>
<td>17W SSPA</td>
</tr>
<tr>
<td>RF BOND</td>
<td>Commercial Ka (Rx 19.2-20.2GHz, Tx 29-30GHz)</td>
</tr>
<tr>
<td>TERMINAL POINTING</td>
<td>Auto Acquire Tracking</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>90-264 V AC</td>
</tr>
<tr>
<td>MANAGEMENT USER INTERFACE</td>
<td>Yes</td>
</tr>
<tr>
<td>EQUIPMENT INTERFACE</td>
<td>Multi Ethernet data; ARINC 429 from aircraft navigation bus</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>Antenna: 4.5kg (10lbs); MODMAN: 6.4kg (14lbs); KRFU: 5.1kg (11.3lbs); KANDU: 3.9kg (8.7 lbs)</td>
</tr>
</tbody>
</table>
Honeywell’s JetWave™ MCS-8200 aeronautical satellite communication terminal enables Global Xpress connectivity for large aircraft. The MCS-8200 is designed to provide broadband-class data connectivity and the hardware and network are optimised for mobility to provide a consistently outstanding passenger experience all over the world.

**STANDARD FR AND ANTENNA CONTROLLER**

Both variants of the MCS terminals share the same RF and antenna controller, modem and router hardware, with this Fuselage-mounted antenna (MCS-8200) optimised for for larger air transport sized aircraft.

**SUPPORT**

Worldwide support is provided through Honeywell’s Distribution Partners and Honeywell service depots.

**TERMINAL EFFICIENCY GROUP**

1A

**TYPE APPROVAL**

Yes

**MODEM TYPE**

iDirect CX780 Core Module; ARINC enclosures

**APERTURE**

58.4cm x 91.4cm x 24.1cm (23 x 36 x 9.5 inches)

**BLOCK UP CONVERTER (BUC)**

17W SSPA

**RF BOND**

Commercial Ka (Rx 19.2-20.2GHz, Tx 29-30GHz)

**TERMINAL POINTING**

Automatic

**POWER SOURCE**

AC Power

**MANAGEMENT USER INTERFACE**

PC based web user interface

**EQUIPMENT INTERFACE**

Multi Ethernet data; ARINC 429 from aircraft navigation bus

**WEIGHT**

Antenna: 37.3kg (82.6 lbs); MODMAN: 6.4kg (14.1 lbs); KRFU: 5.1kg (11.3 lbs); KANDU: 4kg (8.7 lbs)

Honeywell’s JetWave™ MCS-8200 aeronautical satellite communication terminal enables Global Xpress connectivity for large aircraft. The MCS-8200 is designed to provide broadband-class data connectivity and the hardware and network are optimised for mobility to provide a consistently outstanding passenger experience all over the world.