INMARSAT GLOBAL GOVERNMENT
COMMUNICATIONS MADE CERTAIN

G2X AIR
CATALOGUE
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.

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<table>
<thead>
<tr>
<th>TERMINAL EFFICIENCY GROUP</th>
<th>IA</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE APPROVAL</td>
<td>Yes</td>
</tr>
<tr>
<td>MODEM TYPE</td>
<td>Direct CX780 Core Module; ARINC enclosures</td>
</tr>
<tr>
<td>APERTURE</td>
<td>33cm x 30.48cm x 35.6cm (13x12x14 inches)</td>
</tr>
<tr>
<td>BLOCK UPCONVERTER (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>

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**JET WAVE**
**MCS-8000**
**CATEGORY 1 - AERO - AUTO TRACKING**
Honeywell’s JetWave™ MCS-8200 aeronautical satellite communication terminal enables Global Xpress connectivity for large 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 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
<table>
<thead>
<tr>
<th>1A</th>
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</table>

### TYPE APPROVAL
Yes

### MODEM TYPE
Direct CX/BD Core Module, ARINC enclosures

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

### BLOCK UPConverter (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: 37.5kg (82.6 lbs)
- MODMAN: 6.4kg (14.1 lbs)
- KHF U: 5.9kg (13.1 lbs)
- KANDU: 4kg (8.7 lbs)

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**Honeywell’s JetWave™ MCS-8200**

**CATEGORY 1 - AERO - AUTO TRACKING**

**TERMINAL EFFICIENCY GROUP**
- 1A

**TYPE APPROVAL**
- Yes

**MODEM TYPE**
- Direct CX/BD Core Module, ARINC enclosures

**APERTURE**
- 58.4cm x 91.4cm x 24.1cm (23 x 36 x 9.5 inches)

**BLOCK UPConverter (BUC)**
- 17W SSPA

**RF BOND**
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**TERMINAL POINTING**
- Automatic

**POWER SOURCE**
- AC Power

**MANAGEMENT USER INTERFACE**
- PC based web user interface

**EQUIPMENT INTERFACE**
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