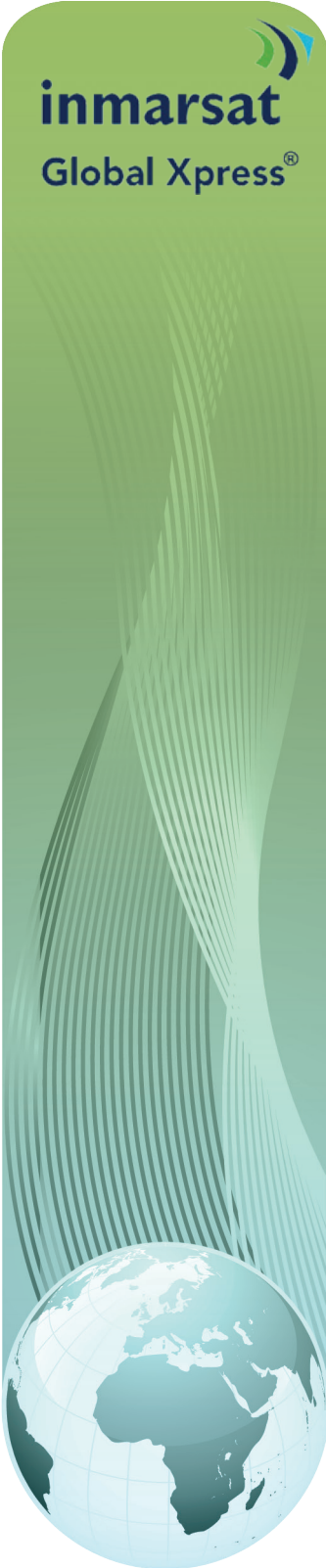


## 85cm Commercial Ka-Band Global Xpress VSAT



The industry renowned Cheetah flyaway VSAT system is now available in commercial Ka-Band for applications over the Inmarsat Global Xpress (GX) satellite constellation. It is a fully auto-acquire system that provides high-speed data communications for Internet, VPN connectivity, video transmission, and emergency response.

This light-weight solution can be deployed in a matter of minutes utilizing the auto-acquire antenna system, and ViewSat™-e web-based GUI.

The GX Ka Cheetah comes standard in two airline checkable, wheeled hard cases. Each case weighs less than 70 lb. and includes a fully auto-acquire 85cm parabolic antenna system, Outdoor Unit with embedded iDirect CX-751 or e850MP modem, 5W commercial Ka-Band BUC/SSPA, controller/processor and Ethernet switch. The GCS ViewSAT™-e software provides monitor and control of the terminal through the use of an intuitive web-based Graphical User Interface (GUI).

### FEATURES

- Proven auto-acquisition Roto-Lok™ design with zero backlash
- Embedded iDirect CX-751 or e850MP Modem
- Field connectivity over CAT-5 cable
- Renowned GCS ViewSAT-e monitor & control software simplifies deployment and operation
- Designed to operate on Inmarsat Global Xpress



## 85cm Commercial Ka-Band Global Xpress VSAT

<b>ANTENNA/PEDESTAL</b>	
Reflector	85cm Parabolic (circular), 6pc., segmented carbon fiber
Optics	Offset, Prime Focus
Acquisition	Auto
Elevation	+10° to +90°
Azimuth	+90° to -90°
<b>BAND SUPPORT</b>	
Ka- Commercial	
<b>RF PERFORMANCE</b>	
Transmit (GHz)	29.0 to 30.0
Receive (GHz)	19.2 to 20.2
EIRP (dBW)	52.6 (5W)
G/T (dB/K)	19.2
<b>MODEM INTEGRATION</b>	
iDirect CX-751 or e850MP	
<b>INTERFACES</b>	
# of ports	With CX-751 Modem: 2 Data LAN + 1 Control LAN With e850MP Modem: 2 Data/Control LAN
<b>POWER</b>	
AC	100-240VAC; 50-60Hz
DC	18-36VDC Input (with optional DC/DC supply)
Consumption	210VA
<b>MECHANICAL</b>	
# of cases	2 airline checkable hard cases*
System Weight per case	Antenna System case: <70 lb. RF System case: <70 lb.
Case Dimensions	Antenna System case: 24.6 x 19.7 x 14.4 (inches) RF System case: 24.6 x 19.7 x 14.4 (inches)
<b>ENVIRONMENTAL</b>	
Temperature	Operational: -25°C to +55°C Storage: -40°C to +85°C
Wind Loading	25 mph, gusting to 40 mph, with anchors
<b>CERTIFICATIONS</b>	
Inmarsat Global Xpress	

\* Subject to individual airline regulations



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