



**L3HARRIS™**  
FAST. FORWARD.

# L3HARRIS CHEETAH™ II

## 85 cm Commercial Ka-band Global Xpress VSAT

ANTENNA/PEDESTAL	
Reflector	85 cm Parabolic (circular), 6pc, segmented carbon fiber
Optics	Offset, Prime Focus
Acquisition	Auto
Elevation	+10° to +90°
Azimuth	+90° to -90°
BAND SUPPORT	
Ka- Commercial	
RF PERFORMANCE	
Transmit (GHz)	29.0 to 30.0
Receive (GHz)	19.2 to 20.2
EIRP (dBW)	52.6 (5 W)
G/T (dB/K)	19.2
MODEM INTEGRATION	
iDirect CX-751 or e850MP	
INTERFACES	
# of ports	With CX-751 Modem: 2 Data LAN + 1 Control LAN
POWER	
AC	100-240 VAC; 50-60 Hz
DC	18-36 VDC Input (with optional DC/DC supply)
Consumption	210 VA
MECHANICAL	
# 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 in RF System case: 24.6 x 19.7 x 14.4 in



The L3Harris Cheetah II provides commercial Ka-band connectivity for applications over the Inmarsat Global Xpress® (GX) satellite constellation. This lightweight, easy-to-use solution supports high-speed data communications for Internet, VPN, video transmission and emergency response. The Cheetah II can be deployed in a matter of minutes using its 85 cm fully auto-acquire parabolic antenna system and the L3Harris ViewSat™-e web-based GUI. This VSAT includes two airline-checkable, wheeled hard cases, each weighing less than 70 lbs.

## ENVIRONMENTAL

Temperature	Operational: -25°C to +55°C Storage: -40°C to +85°C
Wind Loading	25 mph, gusting to 40 mph, with anchors

## CERTIFICATIONS

Inmarsat Global Xpress

\* Subject to individual airline regulations

L3Harris Cheetah™ II 85 cm Commercial Ka-band Global Xpress VSAT

© 2020 L3Harris Technologies, Inc. | 02/2020 GCS SP130

### Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



**L3HARRIS™**  
FAST. FORWARD.

1025 W. NASA Boulevard  
Melbourne, FL 32919