



**L3HARRIS™**  
FAST. FORWARD.

# SHADOW™

## Ku-Band Flat Panel VSAT

ANTENNA/PEDESTAL	
Type	16.6 x 11.7 in Flat Panel
Acquisition	Manual
Elevation	0° to +90° with ± 10° (fine tune)

  

BAND SUPPORT	
RF Performance	Ku-Band
Transmit (GHz)	13.75 to 14.5
Receive (GHz)	10.95 to 12.75
Polarization	Linear
G/T (dB/K)	8.0
EIRP (dBW)	43.0

  

MODEM INTEGRATION	
iDirect 950mp	

  

CERTIFIED TO OPERATE ON	
Intelsat FlexGround	

  

DATA INTERFACES	
Data Ports	2 LAN
GPS	Internal (external via USB)
WIFI	802.11a/b/g/n (20 Mbs device to modem throughput)

  

POWER*	
AC	90-264 VAC; 47-440 Hz
DC	10-36 VDC (with external DC adapter)
Battery	Up to (2) BB-2590 batteries
Consumption	225 W

  

SYSTEM SIZE AND WEIGHT	
Weight	26.5 lbs
Dimensions	16.6 H x 11.7 W x 4.5 D in (42.2 H x 29.7 W x 11.43 D cm)

  

ENVIRONMENTAL	
Temperature	Operational: -32°C to +50°C Storage: -40°C to +60°C
Wind Loading	15 mph, gusting to 25 mph
Dust/Water Resistance	IP66

\*Power options vary depending on system configuration.



The Shadow Ku-Band VSAT is a flat panel Very Small Aperture Terminal (VSAT) providing high-speed data for Internet, Video and VPN connectivity. The terminal is designed for ease of transport and missions requiring inconspicuous travel, fitting easily into a backpack or laptop-sized and is light enough to be stowed in a commercial airline's overhead compartment. Integration of the modem, RF components and antenna into a single assembly greatly reduces setup to operational time to less than five minutes. The embedded ViewSat-e GUI, integrated GPS and compass simplify the satellite pointing process.

**Shadow™ Ku-Band Flat Panel VSAT**

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