



L3HARRIS®
FAST. FORWARD.

DARKWING™

Flat-Panel VSAT

ANTENNA	
Size	11.14 x 16.71 in (28.30 X 42.44 cm), flat panel
Acquisition	Manual
Elevation	0° to +90°

BAND SUPPORT	
Ka	

RF PERFORMANCE	
	Ka-Band
Transmit (GHz)	29.0 to 31.0
Receive (GHz)	19.2 to 21.2
Polarization	Circular (transmit right hand/receive left hand)

DATA INTERFACES	
Gigabit Ethernet	2 ports
Wi-Fi	802.11a/b/g/n (20Mbit/sec device to modem throughput)
GPS	Internal (external via USB)

POWER (WITH OPTIONAL AC/DC SUPPLY)	
AC	90-264 VAC; 47-440 Hz (with external AC adapter)
DC	10-36 VDC (with external DC adapter)
Battery (airline compliant)	Internal, 15 min run time (auto switchover with loss of AC power)

MECHANICAL	
Stowed Dimensions	17.00 H x 11.20 W x 3.25 D in (43.18 H x 28.45 W x 8.26 D cm)
Terminal Weight	27.2 lbs
Packed Weight (in case)	48 lbs

ENVIRONMENTAL	
Temperature	Operational: -25.6°F to 122°F (-32°C to +50°C) Storage: -40°F to 140°F (-40°C to +60°C)
Dust/Water Resistance	IP66

CERTIFICATIONS	
Inmarsat Global Express	Category 1 and Category 4



L3Harris DarkWing is a small form factor, lightweight, flat-panel Very Small Aperture Terminal (VSAT) providing high-speed data communications for Internet, VPN connectivity and video transmission. This ruggedized solution is designed to fit in a backpack or laptop-sized case for ease of transport and missions requiring inconspicuous travel. Time from setup to operational use is less than five minutes, a significant reduction achieved through integration of the modem, RF components and antenna into a single assembly. DarkWing acquires satellites through a simplified manual pointing process featuring the L3Harris ViewSat-e GUI. The Flat-Panel VSAT employs its built-in GPS and compass to quickly provide operators a pointing solution and visual indicators for pointing adjustments via a user-friendly front-panel display.



Designed to fit in a laptop-sized travel bag

SYSTEM FEATURES

- > Small form factor, lightweight design
- > Flat panel antenna
- > Airline carry-on, built-in battery
- > Integrated ViewSat-e Web-based GUI
- > Front panel user interface
- > External AC or DC power supply
- > Integrated Wi-Fi access point
- > iDirect Evolution and Velocity support
- > IP66 rating

BENEFITS

- > Executive/VIP travel, Military SATCOM
- > Lightweight
- > Low profile: 3.25 in thick
- > Assisted pointing, setup in less than 5 minutes
- > Designed for HTS networks
- > Sealed against weather and particles—for austere environments

APPLICATION

- > Executive/VIP travel, Military SATCOM

DarkWing™ Flat-Panel VSAT

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1025 W. NASA Boulevard
Melbourne, FL 32919