



L3HARRIS®
FAST. FORWARD.

SHADOW™

Ku-Band Flat Panel VSAT Powered by Intelsat® General's FlexMove



ANTENNA/PEDESTAL

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

BAND SUPPORT

Ku

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: -25.6°F to 122°F (-32°C to +50°C) Storage: -40°F to 140°F (-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 case 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 the time needed from set-up to operational to less than five minutes. The embedded ViewSat-e GUI, integrated GPS and compass simplify the satellite pointing process.

KEY FEATURES

- > Intelsat FlexMove-qualified terminal
- > Ubiquitous, continuous broadband internet access
- > Up to 20x faster than Mobile Satellite Services (MSS) at a fraction of the cost
- > Suitable for government, tactical and commercial use
- > Global, Ku-band high-throughput network
- > Up to 10 x 3 Mbps, ideal for high-speed data communications and video transfer
- > Redundant and survivable connectivity solution for mission-critical operations



Designed to fit in a laptop-sized travel bag

To learn more about Intelsat FlexMove, visit intelsat.com/flexmove or contact your local sales representative

Africa
+27 11-535-4700
sales.africa@intelsat.com

Asia-Pacific
+65 6572-5450
sales.asiapacific@intelsat.com

Europe
+44 20-3036-6700
sales.europe@intelsat.com

Latin America & Caribbean
+1 305-445-5536
sales.lac@intelsat.com

Middle East & North Africa
+971 4-390-1515
sales.mena@intelsat.com

North America
+1 703-559-6800
sales.na@intelsat.com

To learn more about Shadow Flat Panel VSAT, visit <https://www.l3harris.com/all-capabilities/shadow>

Shadow™ Ku-Band Flat Panel VSAT

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1025 W. NASA Boulevard
Melbourne, FL 32919