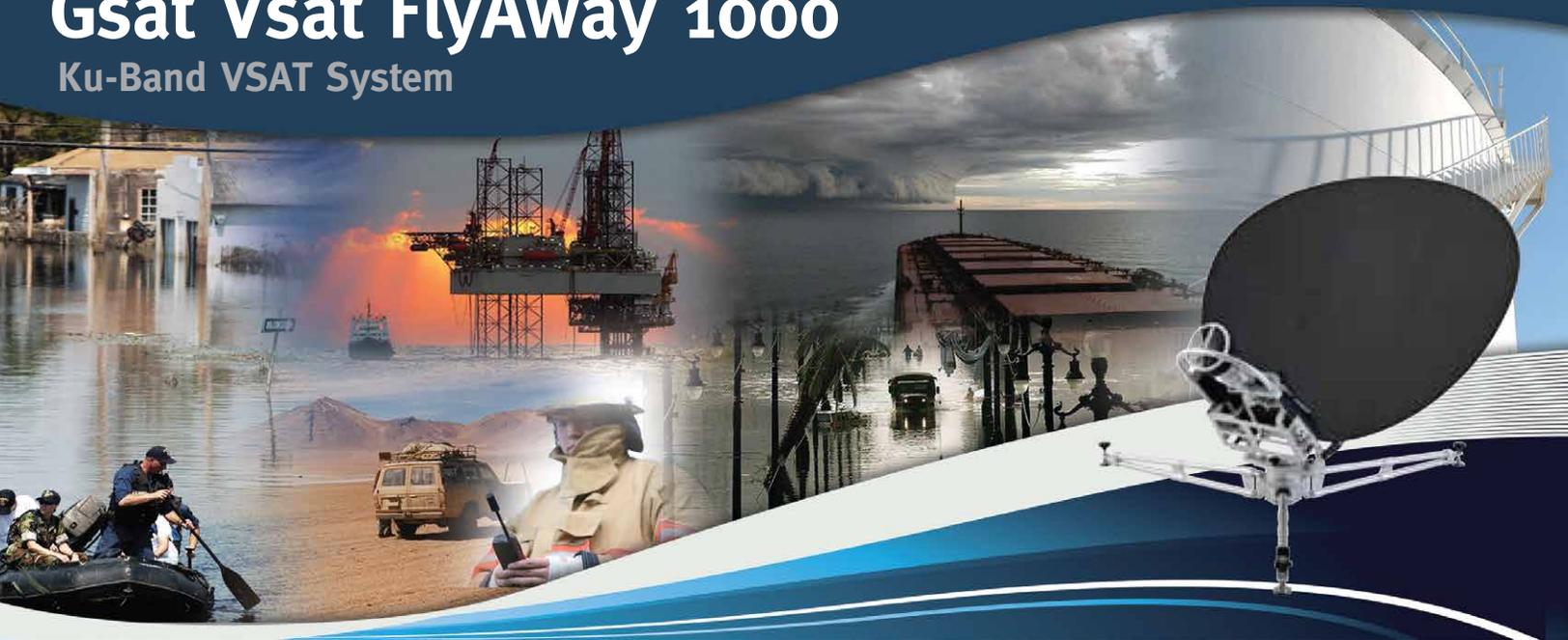


# Gsat Vsat FlyAway 1000

Ku-Band VSAT System

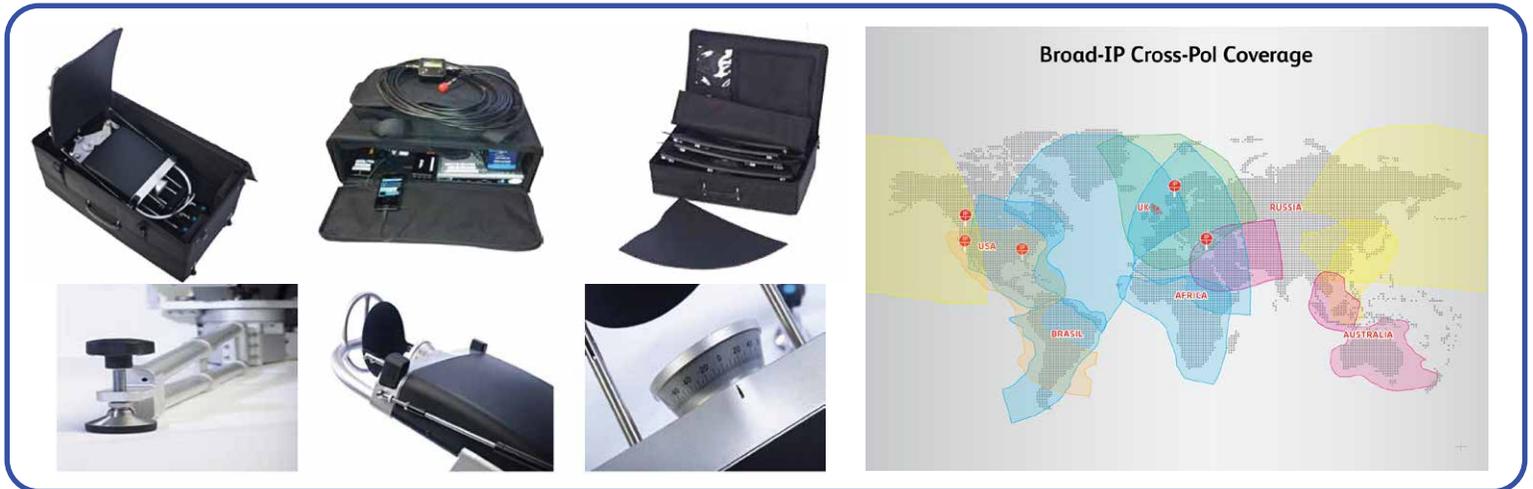


**The Fly-Away antenna is a new product, especially designed for military use or for camera-crews and makes it possible to set up a wireless broadband connection wherever you are 'dropped' in remote areas.**

The new lightweight Broad-IP FlyAway system leverages off of NSSGlobal's world- class Ku-band VSAT network to provide broadband speeds of up to 8Mb for users needing the flexibility of rapid deployment but with higher data needs than current mobile L-Band services currently provide.

With a range of flexible, unlimited airtime packages the Broad-IP FlyAway system is ideally suited for short term operations in areas with insufficient terrestrial connectivity.

Carried in just 3 cases, all of which are IATA compliant for check-in on commercial flights, the system, using our unique self-pointing application, can be set up easily, to provide a broadband connection in just minutes.



1901 South Andrews Avenue, Fort Lauderdale, FL33316,

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Head Office: +1 954-462-1245

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## The Pointing App

The Broad-IP FlyAway pointing App guides the user through two easy deployment stages:-

1. "Coarse pointing" - uses the built-in GPS, electronic compass and tilt sensors to locate the correct angles for the satellite.
2. "Fine pointing" - the SNR and Eb/No of the DVB modem's two-way radio link is used to fine-tune the azimuth, elevation and polang for optimal signal quality.

The NSSGlobal designed Pointing App removes the need for technical experience or a spectrum analyzer the user can perform a fast line-up to quickly deploy their Ku-band Broad-IP terminal.

In addition to facilitating seamless pointing of the antenna the smartphone app also provides extensive trouble shooting assistance as well as a web browser, email client and SIP client for VOIP calls via the deployable.



## Specifications

<b>Cross-Pol Discrimination:</b>	30dB
<b>Gain:</b>	1.2m, TX: 42.0dBi, RX: 41.0 dBi
<b>Azimuth Range:</b>	360° unlimited
<b>Elevation Range:</b>	0 ~ 90°
<b>Polarization Range:</b>	180°
<b>Weights:</b>	Case 1: 30kg Case 2: 7kg Comms Bag: 8kg
<b>Antenna Dimensions:</b>	1.2 x 1.1m
<b>Temperature:</b>	Operational: -35° to +55° C Survival: -40° to 80° C
<b>Wind:</b>	10m/s
<b>Humidity:</b>	100% (non-condensing)
<b>IP Rating:</b>	IP64
<b>BUC RF power:</b>	4 Watt (with external 24VDC PSU)
<b>BUC:</b>	14.0 to 14.5GHz
<b>LNB:</b>	Ku-Band Universal
<b>Low Band:</b>	10.7 - 11.70 GHz LO 9.75GHz
<b>High Band:</b>	11.7 - 12.75 GHz LO 10.6 GHz



Broad-IP FlyAway Antenna, BUC & LNB



Antenna Case 1



Antenna Case 2

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