



Data Sheet

Light Weight Ku-band Driveaway VSAT Systems



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The Light Weight Driveaway Satellite Antennas are portable, self-aligning satellite communications platforms. The system can be permanently mounted on vehicles and other movable work platforms or used with a skid mount and placed on the ground or other surface. Deployment is as simple as providing power, connecting the cables, and pressing the "Search" button, making them ideal for, government and military agencies,

The auto-aiming satellite antenna quickly provides delivery of high-speed data links and integrates with the industry's most popular satellite modems



Main Features

- Intuitive touch screen controller supports auto or manual control
- HD platform support wide variety of RF Electronics
- Advanced self-leveling feature aids in satellite acquisition
- Advanced peaking algorithm on cross-polarization alignment
- No software to install
- Unaffected by magnetic compass distortion
- Compatible with I-direct modem and most other satellite modems
- Low stow height
- Equipped with 4W/8W/16 BUC (TBD) and PLL LNB
- 2U rackmount controller



Specification

Reflector Type	1.0 meter	1.2 meter
Mount Geometry	Elevation over Azimuth	Elevation over Azimuth
Polarization	Vertical or Horizontal: 270° on both polarities	Vertical or Horizontal: 270° on both polarities
Deployment Sensors	GPS, Inclinator	GPS, Inclinator
Azimuth	380°	380°
Elevation	179° (includes 22.5 offset of dish)	202° (includes 22.5 offset of dish)
Polarization (Skew)	Both polarities can be skewed by 270°	Both polarities can be skewed by 270°
Deploy Elevation	1.8°/sec	1.8°/sec
Deploy Azimuth	5.3°/sec	5.3°/sec
Peaking Speed	0.1° increments	0.1° increments

Length Stowed	1.9m	1.9m
Width Stowed	0.99m	1.2m
Height Stowed	0.3m	0.3m
Weight	75Kg with 8W BUC	100Kg with 8W BUC

Deployed Wind Resistance	In excess of 140kph
Stowed Wind Resistance	In excess of 140kph
Operational Temperature	-40°C to 65°C

Stow Position



Controller

General

Sophisticated controller with simple-to-use touch screens, with a focus on being extremely user-friendly. The controllers were designed to be easily deployed, peak and stowed the satellite with no need of technical knowledge.

ACU	<ul style="list-style-type: none"> • Visual displays of Azimuth, Elevation, Cross-pole and signal strength • Momentary buttons for all axis control movements
Dimensions	19", 2U, 14" (355mm) deep
Interface	Serial or Ethernet supporting OpenAMIP
Electrical	In: 100-240VAC Out: 36VDC

