



Mobil Satellite  
Technologies



**iDIRECT**  
TECHNOLOGIES



# DESIGNED FOR ENTERPRISE SATELLITE INTERNET DATASAT 845-AUTO-DEPLOY .85 METER SATELLITE ANTENNA

- Easy to install
- Auto-Pointing
- Easy to Use
- Compatible with any iDirect Enterprise Satellite Internet Service Plan



**DataSAT ACU-2**

**Complete system includes :** .85 Meter antenna, ACU-2 satellite controller, 6 Watt BUC, PLL LNB, iDirect X5 Satellite Modem, Router w/Wireless Access Point

**Visit:** [www.mobilsat.com](http://www.mobilsat.com)

**Call us:** 757.312.8300

## General Specifications

Stowed Dimensions	48" L x 40" W x 12.5" H
Deployed Height	42" Max
Mounting Base	22" W X 48" L Aluminum Formed Frame
Reflector	84CM Skyware Global 845TX
Standard BUC	6W BUC
Polarization	Cross-Pol (V RX standard)
Mounted Weight	93 lbs.

## Antenna Travel (rotation)

Azimuth	374 degrees, 6.4 degrees/second
Elevation	80 degrees, 3.5 degrees/second
Skew (RF Pol)	122 degrees (+/- 61 degrees from Zero) 10 degrees/second

## Connections and Electrical

Control Cable	18AWG 12 Conductor (push lock connector)
RX and TX Coax	RG6 Solid Copper Core (F Type connector)
DC Power	15V DC @ 2 Amps typical (rated to 7 amps)
AC Input Power	100~265 VAC 47~63 Hz > 2 Amps Max

## Environmental Specifications

Wind Speed Deployed	50 mph (80 km/h) SG 845TX Spec
Stowed Travel Speed	125 mph (200km/h) ** based on installation
Operational Temperature	-60~+180 F (-51~+82 C)
Snow Load (typical)	8" (based on water content)

## Antenna Controller

Dimensions	10" W x 5.75" D x 1.75" T
Weight	5 lbs.
Front Panel Control	Power, Search, and Stow Buttons
Display	24 x 2 Line LCD Backlit
Communications	Ethernet, LAN, Serial
Identification	DVBS, DVB-S2, Network ID, Modem
Connections	RF, LAN, Control, and DC Power

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