Real-Time Broadband Communication

ANYWHERE

Winegard DS840

.84 m Roof Mounted Antenna

The Winegard DS Series Antenna is available in an .84 meter configuration that features extremely heavy duty options and scalability for the energy and enterprise markets. The DS Series Antenna uses the strongest, most rugged actuators in the industry, allowing for maximum reliability in adverse environments. The Winegard DS Series System is exclusively single-wire hookup for control of the antenna.

COMPLETE GLOBAL COMMUNICATIONS SOLUTIONS

When traditional methods of communication are no longer feasible due to location or technological difficulties, VSAT antennas can provide Internet and phone connectivity on-demand. Winegard Auto-Acquire VSAT Antenna Systems are designed around the strongest, most rugged gear trains and motors in the industry. These drive trains provide for maximum reliability in extreme environments and very low back lash. The units are designed with heavy duty features suitable for the energy vertical and other enterprise applications. The antenna systems use the modem to search and peak on signal providing very accurate and repeatable pointing accuracy.

All Winegard VSAT antenna systems include a fully-integrated antenna controller that features single-button operation without requiring an external PC. The Winegard controller is the only controller in the industry that incorporates a touch-screen allowing for ease of programming and operation. The controllers are 2U rack-mountable and have a place to store the modem in the 2U footprint.

www.winegard.com

or call for more information: **866-565-7974**

DS840

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GENERAL INFORMATION

Max Deployed Height	67”
Stowed Dimensions	16.5” H X 63.5” L X 40.00” W
Mount Rail Width	13”
Reflector Type	84 M ASC
BUC Supported	NGRC 3W or NGRC 4W
Polarization	Cross-Pol
Weight	120 lbs. approximate

MOUNT ROTATION

Azimuth	375 degrees
Elevation	90 degrees to horizon
Skew (polarization)	+/- 90 degrees

ENVIRONMENTAL SURVIVAL

Wind Deployed	75 mph
Wind Stowed	150 mph
Temperature	-58˚ F to 176˚ F (-50 C to +80 C)
Snow Load	8” deep (@8 lbs./cu.ft.)

DEPLOYMENT SENSORS

Global Positioning Satellite (GPS)	Yes
Compass	+/- 10 degrees

CONNECTIONS AND CALLING

Transmit (TX)	RG6
Receiver (RX)	RG6
Electrical Data Interface	RG6

POWER REQUIREMENTS

AC Input	100-250 V 3 A Max 47-63 Hz
DC Output	48 V 2.5 A Max

ACQUISITION SPEEDS

Deploying Elevation	4.6 degrees per second
Stowing Elevation	5 degrees per second
Deploying Azimuth	7.5 degrees per second




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