

ds840

.84 M Antenna System

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The Winegard DS Series Antennas are available in .84 meter and .96 meter configurations that feature extremely heavy duty options and scalability for the energy and enterprise markets. The DS Series Antennas use the strongest, most rugged actuators in the industry, allowing for maximum reliability in adverse environments. All Winegard DS Series Systems are exclusively single-wire hookup for control of the antenna.

The Winegard Two-Way Controller is a fully-integrated, simple-to-use antenna controller. No External PC is required to operate the system; it is a Single-Button Operation. The Controller is rack-mountable, and the builtin DVB receiver and GPS makes the Winegard Two-Way Controller work on most platforms available in the industry including HughesNet, iDirect, SpaceNet, Comtech, and Nera.



DS 840 in Stowed Position. Dimensions: H 16.5 x 63.5 L x W36.25

BENEFITS

- » Heavy Duty Construction to Withstand Extreme Environments
- » Perfect for Energy and Enterprise Markets
- » Two-Way Communication Capability for Data, Video, and Voice
- » Simple, Single-Button Operation Requiring No External PC
- » Quick Deployment
- » Auto-Acquire Satellite
- » Rack-Mountable Controller
- » Built-in DVB Receiver and GPS

TECHNICAL SPECIFICATIONS

General Information

Max Deployed Height 67"
Stowed Dimensions 16.5" H x 63.5" L x 40.00" W
Mount Rail Width 13"
Reflector Type84 M ASC
BUC Supported NGRC 3W or NGRC 4W
Polarization Cross-Pol
Weight 120 lbs. approximate

Mount Rotation

Azimuth 375 degrees
Elevation90 degrees to horizon
Skew (Polarization) +/- 90 degrees

Environmental Survival

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

Operational

Wind50+mph
Temperature -40°F to 122°F (-40C to +50C)

Deployment Sensors

Global Positioning Satellite (GPS) Yes
Compass +/- 10 Degrees
Tilt Sensors +/- .5 degrees

Connections and Cabling

Transmit (TX) RG6
Receive (RX) RG6
Electrical Data Interface RG6 Max 100' (38.5m)

Power Requirements

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