

**wx960**  
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.96 M Antenna System

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# wx960

.96 M Antenna System

The Winegard WX Series Antennas are available in .96M, 1.2M, and 1.8M configurations that feature extremely heavy duty options and scalability for the energy and enterprise markets. The WX Series Antennas use the strongest, most rugged actuators in the industry, allowing for maximum reliability in extreme environments. All Winegard WX 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.



WX960 in Stowed Position. Stowed Dimensions: 15"



Screen Shots of Controller

## 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 ..... 80"  
 Stowed Dimensions ..... 16.00" H x 80.00" L x 39.00" W  
 Mount Rail Width ..... 13"  
 Reflector Type ..... 1.2 M ASC  
 BUC Supported ..... NGRC 3W or NGRC 4W  
 Polarization ..... Cross-Pol  
 Weight ..... 150 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 (-50C to +80C)  
 Snow Load ..... 8" deep snow load (@ 8lbs/cu.ft.)

### Operational

Wind ..... .50+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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