

## **SPA<sup>™</sup> • 1200**

Multi-Platform, Fixed Base VSAT  
Communications Satellite Antenna

The Choice for Oil/Gas Services and  
other remote location facilities, including:

- Emergency/Disaster Response
- Government/Rural Services



# SPA™ . 1200

## Multi-Platform, Fixed Base VSAT Communications Satellite Antenna

Maintain Critical Voice/Data Communications in Harsh/Remote Locations.

The Winegard SPA is a motorized auto-acquiring, multi-platform dish antenna that can be mounted to portable or permanent bases to track inclined orbit satellites.

The state-of-the-art SPA is an economic and superior alternative to similar antennas on the market. The SPA has multiple deployment sensors for quick signal acquisition, including a global positioning satellite, a compass and a tilt sensor.

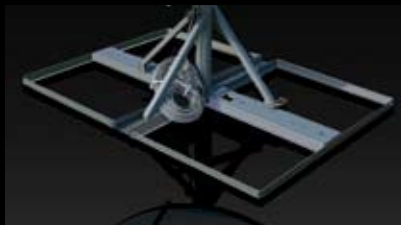
The SPA mobile satellite antenna is ideal for oil/gas drilling sites or other off-shore or rugged work sites, and can be multi-functional. When traditional methods of communication are no longer feasible due to location or technological difficulties, a SPA antenna can provide Internet and phone connectivity on-demand.

The 39-pound SPA antenna runs off GPS, and is available with either a .96 meter or 1.2 meter ASC Signal reflector. It works with multiple platforms, including iDirect and Hughes, and accepts a wide range of BUC sizes (including NGRC 3W & NGRC 4W).

The SPA is operational in winds of up to 50 mph, a critical consideration for off-shore applications, and it can survive 125 mph winds.

### BENEFITS

- Cost-Effective** Less costly than mobile antennas and competitive remote satellite antennas on the market today.
- Flexible** Mounts/dismounts easily for quick transport.
- Performance** Self-pointing/auto-acquiring antenna provides automatic reacquisition in high wind conditions



Mount to portable or permanent base



Accurate automatic alignment and orbit tracking

### TECHNICAL SPECIFICATIONS

#### General Information

Multi-platform..... iDirect, Hughes, etc.  
 Accepts wide range of BUC sizes (including NGRC 3W & NGRC 4W)  
 Weight (without antenna, BUC & LNB) ..... 39lbs  
 Mount controlled through coax cable  
 Polarization..... Cross-Pol

#### Reflector Specification

Available .96 meter & 1.2 meter ASC Signal reflectors

#### Mount Range of Motion

Elevation ..... 12 to 93 degrees  
 Azimuth ..... 342 degrees  
 Skew (Polarization) ..... +/- 90 degrees

#### Environmental Specifications

Wind Operational..... 50 mph (limited by antenna manufacturer specification)  
 Wind Survival ..... 125 mph (limited by antenna manufacturer specification)  
 Temperature, Operational... -40°F to 122°F (-40°C to +50°C)  
 Temperature, Survival..... -58°F to 176°F (-50°C to +80°C)

#### Deployment Sensors

Global Positioning Satellite (GPS)  
 Compass ..... +/- 10 Degrees  
 Tilt Sensor ..... +/- .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..... 6.44 degrees / sec  
 Stowing Elevation ..... 6.44 degrees / sec  
 Deploying Azimuth..... 2.25 degrees / sec

\*Packaging Case Options Available



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