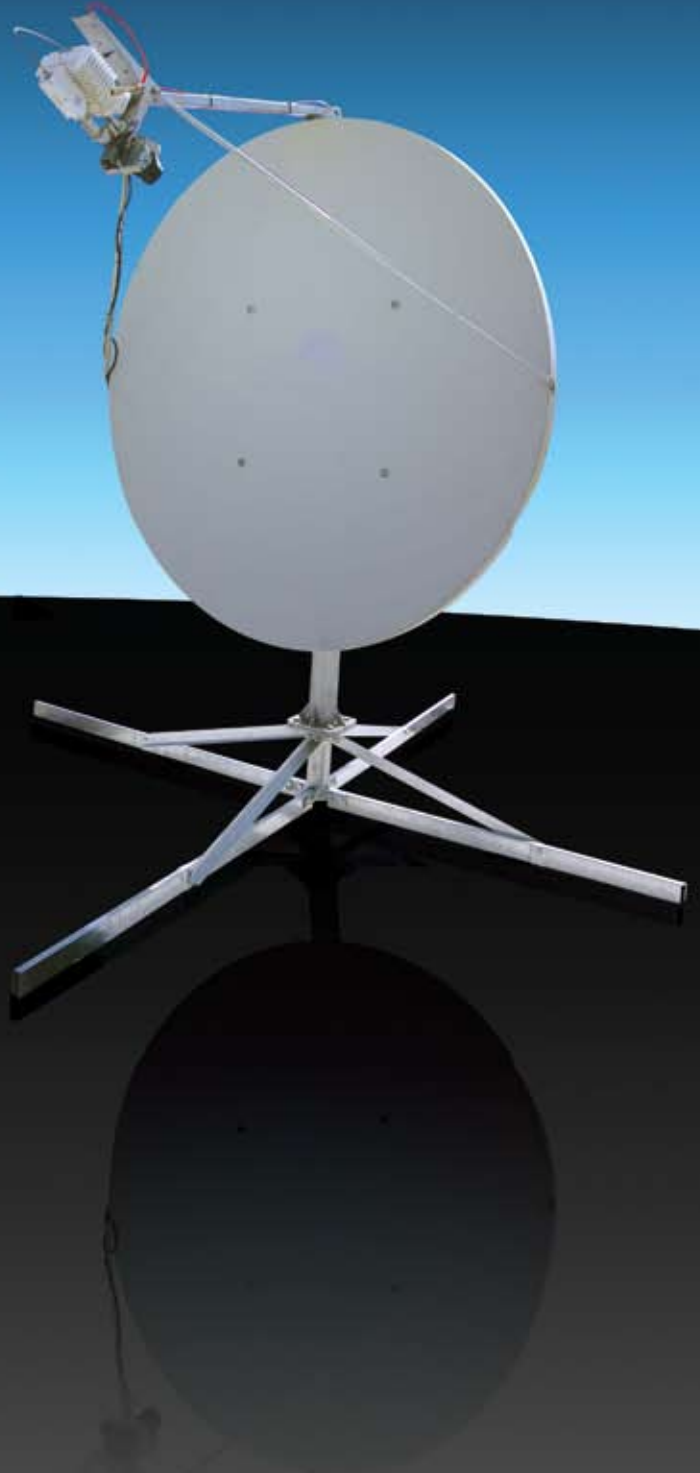


SPA™ · 180A

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™ . 180A

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 SPA 1800 antenna runs on GPS, and is available with a 1.8 meter ASC Signal reflector in either C or Ku band versions. It works with multiple platforms, including iDirect and Hughes, and accepts a wide range of BUC sizes (including NJRC 3W & NJRC 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



Accurate automatic alignment and orbit tracking

TECHNICAL SPECIFICATIONS

General Information

Multi-platform..... iDirect, Hughes, etc.
Accepts wide range of BUC sizes (including NJRC 3 & 4 watt BUCs)
Mount controlled through coax cable
Polarization..... Cross-Pol
King Post Size..... 4.5" OD

Reflector Specification

Available 1.8 meter ASC Signal Class III Reflector

Mount Range of Motion

Elevation..... 16 to 95 degrees
Azimuth..... 310 degrees
Skew (Polarization)..... +/- 90 degrees

Environmental Specifications

Wind Operational..... 50 mph
Wind Survival..... 125 mph
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 60' (18.25m)
Receive (RX)..... RG6 60' (18.25m)
Electrical Data Interface:..... RG6 60' (18.25m)

Power Requirements

AC Input..... 100-250V 3A Max 47-63Hz
DC Output..... 48V 6.7A Max

Acquisition Speeds

Deploying Elevation..... 6.44 degrees / sec
Stowing Elevation..... 6.44 degrees / sec
Deploying Azimuth..... 2.25 degrees / sec



Winegard Company
3000 Kirkwood Street
Burlington, IA 52601
phone 866-565-7974
fax 319-754-0715
email bguff@winegard.com