



## Technical Specifications

Reflector Type: 1.2 Meter Effective Area Circular Face  
Mount Geometry: 3 Axis Motor Drive [Elevation, Azimuth, Skew]  
Polarization: Transmitter Rotation [Static Dish Face]  
Deployment Sensors: GPS, Compass & Tilt Sensor

## Fast Speeds

The DataStorm achieves download speeds of 400kbps with burst speeds at 1.5 mbps with the Direcway Platform. This is faster than T1 speeds! Download a 1 Megabyte file in about 10 seconds. Upload speeds vary between 40 to 90kbps; about twice to three times as fast as a 56k Modem.

## Safety Features

If you forget to stow the dish before driving off, the DataStorm looks at your GPS to recognize the movement and will automatically stow the dish. Also, if the vehicle rocks too much due to the wind or other forces, the DataStorm will automatically stow itself.

## Dish Dimensions

Length [Stowed]: 63"  
Width [Stowed]: 48"  
Height [Stowed]: 12"  
Weight: 175 lbs.

## Cabling

Transmit and Receive Cables: 2 EA RG6 30'  
Electrical Data Interface Cable: 9 Conductor 22 AWG 30'

## Speed

Deploying Elevation: 1 degree / Second  
Deploying Azimuth: 10 degrees / Second  
Peaking: 1 degree / Second  
Peaking: 30 degrees / Second [Acquisition Time is 3-5 Min. Typical]

## Controller

Dimensions: 12" Long x 8" Wide x 1" High  
Interface: Serial [9-15 Pin] to Computer  
Controller Voltage: 12v DC 4 Amp

## Signal Gain

Signal Strength: 15 + Points over the .74 Meter Dish  
Isolation Strength: 15 + Points over the .74 Meter Dish

## Maximum Mount Rotation

Azimuth: 370 degrees  
Mount Geometry: 140 degrees  
Skew [Polarization]: 190 degrees  
Max Look Angle: +66 degrees  
100% Coverage in North and South America Worldwide  
Applications Available

## Environment

Deployed Wind Resistance: 40 mph  
Stowed Wind Resistance: 120 mph  
Operational Temperature: -20' F to 125' F

## Motors

Motor Voltage: 12v DC 1.2 Amps Maximum Draw

## Modems: Transmit [TX] & Receive [RX]

Dimensions: 12" Long x 7" Wide x 1" High  
Modem Voltage: 120v AC  
Transmit Cable [TX]: RG6  
Receive Cable [RX]: RG6 & USB to Computer  
Transmit Power: 1 Watt  
4020 Capable: Yes