

DataStormTM F1

MOBILE TWO-WAY INTERNET

INTERNET



High-Speed Two-Way Internet

Satellite TV and HDTV Availability

No Phone Lines or Cell Phones



If you want high speed Internet anywhere you travel, even to the most remote portions of the desert or mountains, the new DataStorm 2-Way Internet Satellite system will deliver. The DataStorm requires no cell phones or phone lines for Internet access. This is the first affordable satellite dish that will allow RV's, Trucks, Vans or any other mobile platforms to connect to the internet.

 **MotoSATTM**
mobile satellite systems

www.motosat.com

F1

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INFORMATION

TECHNICAL SPECIFICATIONS

The DataStorm stands 42.5" tall when deployed, and 10.5" tall when stowed.

Reflector Type: .74 Meter Effective Elliptical Offset

Mount Geometry: 3 Axis Motor Drive [Elevation, Azimuth, Skew]

Polarization: Dish Rotation Cross-Pol Isolation 35 dB - 30 dB Minimum

Deployment Sensors: GPS, Compass +/- 2° & Tilt Sensor +/- 1°

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.

DISH DIMENSIONS

Mounting Plate: 48" Long x 22" Wide

Dish Stowing Extended Dimensions: 56" Long x 39.5" Wide x 10.5" High

Deployed Height: 42.5" Max Height

Weight: 105 lbs.

CABLING

Satellite TV: Mount is wired for Dual TV Receivers

Transmit and Receive Cables: 2 EA RG6 30'

Electrical Data Interface Cable: 9 Conductor 22 AWG 30'

SPEED

Deploying Elevation: 1° /Second

Deploying Azimuth: 12° /Second

Peaking: 1° /Second

CONTROLLER

Dimensions: 12" Long x 8" Wide x 1" High

Interface: Serial [9-15 Pin] to Computer

DATASTORM USES THE

DiRECWAYTM
PLATFORM



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.

MAXIMUM MOUNT ROTATION

Azimuth: 370°

Mount Geometry: 140°

Polarization: +/- 55°

ENVIRONMENT

Deployed Wind Resistance: 60 mph

Stowed Wind Resistance: 140 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

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