

DataStormTM F3

MOBILE TWO WAY INTERNET

INTERNET



High-Speed Two-Way Internet

Commercial Grade Application

No Phone Lines or Cell Phones



65"

19"

Introducing the new DataStorm F3 1.2 Meter dish. This new commercial grade 1.2 meter mobile satellite dish is more than twice the size of the original Datastorm, but uses only 20% more roof area when stowed for travel. This rugged system can find the Direcway Satellite from fringe areas that smaller systems are unable to reach. Signal Strength and Polarization Isolation abilities are far greater than any other mobile system. This is the high end solution that assures your connection. Become part of this new and exciting breakthrough in the mobile satellite internet world.

 **MotoSAT**TM
mobile satellite systems

www.motosat.com

F3

DataStormTM F3

MOBILE TWO WAY INTERNET

INFORMATION

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.

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° /Second
Deploying Azimuth: 10° /Second
Peaking: 1° /Second
Peaking: 30° /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

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°
Skew [Polarization]: 190°
Max Look Angle: +66°
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

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