

# XF3

**DATASTORM**  
XF SERIES SYSTEMS

The DataStorm XF3 1.2-Meter is MotoSAT's flagship MobileSatelliteInternet system. Designed for commercial/enterprise class service in harsh environments, the XF3 provides the reliability, scalability, and cutting-edge technology to provide an instant broadband solution anywhere. Not only does the XF3 support an almost unlimited range of satellite platforms (including but not limited to ComTech, iDirect, HughesNet, EchoSAT, and LinkStar), the mount can also be moved from one

satellite platform to another in a matter of minutes. Like all DataStorm XF mounts, the XF3 utilizes a ground-breaking, geared-motion design, coupled with a more powerful motor. The XF mounts also incorporate a new digital sensor system that allows for ultra-high count/degree resolutions when moving and peaking. This new sensor format ensures maximum signal gain when connecting to any satellite network. All DataStorm XF Series systems are compatible with the DataStorm D3 DVB Controller, allowing seamless upgrades and flexibility between XF Series models.



- > MILITARY / CIVIL DEFENSE
- > EMERGENCY / FIRE & RESCUE
- > OIL & GAS
- > RV / OTR
- > MEDIA / FIELD PRODUCTION
- > MEDICAL / EDUCATION

 **MotoSAT**  
MOBILE SATELLITE SYSTEMS

# XF3 SPECIFICATIONS

## XF3 1.2 Meter

### General Information

Stowed Dimensions 75" L x 49" W x 12.5" H  
Reflector Size 1.20 Meter Offset (Prodelin #1134)  
Weight 175 lbs

### Mount Rotation

Azimuth 365 Degrees  
Elevation 143 Degrees Deployed from Stow  
Elevation 0 – 70 Degrees Satellite Latitude  
Skew (Polarization) +105 Degrees (cross Pol / Isolation)

### Environmental

Survival Wind Speed Deployed 75 MPH (based on attached structure)  
Survival Wind Speed Stowed 125 MPH (based on attached structure)  
Operation Temperature -30 to +130 F

### Power Requirements

15VDC 8.6 Amps (DC Power Supply included)

### Acquisition Speeds

Elevation 3 degrees/second  
Azimuth 10 degrees/second  
Skew 8 degrees/second  
Acquisition time to first satellite identification < 90 seconds typical  
Acquisition time to target satellite identification < 3 minutes typical



**DATASTORM D3**  
UNIVERSAL DVB CONTROLLER

# DATASTORM XF3™

1.2 METER SYSTEM

1.2 METER SYSTEM |  
MULTIPLE PLATFORM SUPPORT |  
DESIGNED FOR EXTENDED RANGE |  
AND HIGH BANDWIDTH INTERNET |  
APPLICATIONS |  
ENTERPRISE GRADE DURABILITY |  
FOLDS TO 12" HEIGHT |  
D3 CONTROLLER COMPATIBLE |



 **MotoSAT™**

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