

# M I C R O S A T



**MicroSat** The first of its kind in the industry, this hybrid news truck brings Digital Satellite News Gathering (DSNG) capability to the traditional microwave news truck. Utilizing a 1.2 meter satellite antenna and traditional microwave gear, the MicroSat allows a crew to uplink breaking news stories to a given network and/or transmit a story back to a local studio.

- **Compact size** is easier to deploy, park and set up.
- **AutoFind satellite locator** saves time during set-up.
- **User-Friendly digital uplink control** with LED interface.
- **Forward mast** allows for better access to rear of equipment racks.
- **Accessible power panel** saves time during set-up.
- **Automatic Inverter power** keeps live pictures on-air during a loss of generator or shore power.
- **Vehicle Safety Interface** protects truck driver and operator.
- **Eagle Eye's 16:1 zoom lens** captures close-ups of breaking news.



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Maximum rear storage space is provided without compromising service access.

## The Vehicle

- ▶ Ford E350 Super Cargo Van
- ▶ 9400 lb. GVWR
- ▶ 138" Wheel Base
- ▶ Rear Spring Amendment
- ▶ 6.8 Liter EFI Triton V10 Engine
- ▶ Heavy Duty Alternator/Suspension
- ▶ Load Range "E" Tires
- ▶ Tilt Steering/Cruise Control
- ▶ Auto Locks/Windows
- ▶ Captain's Seating
- ▶ Double Side Cargo Doors
- ▶ Interior/Exterior Ziebart Rust Prevention
- ▶ Step Rear Bumper
- ▶ Anti-Theft/Door Ajar System
- ▶ Roof-Mounted Heating/Air Conditioning



Central power distribution panel can be operated from outside the truck.

## The Power Plan

- ▶ Power Distribution Panel
- ▶ Digital Metering
- ▶ 7kW fuel-injected generator
- ▶ External Shore Power with 25' Cord
- ▶ Dual Battery System with Isolator
- ▶ 40 Amp Battery Charger
- ▶ Automatic Emergency Inverter Power
- ▶ Interior DC Distribution Access



The Vehicle Safety Interface prevents the news truck from being moved while the mast is extended.



Eagle Eye camera system can overcome obstacles to provide instant and wide shot during set-up.



DSNG uplink systems can be utilized across a wide range of specifications.

## News Gathering Features

- ▶ Analog, Digital-Ready, or Digital Microwave Systems
- ▶ 42, 48, 52-ft. Pneumatic Mast
- ▶ Roof Deck Photography/Maintenance Platform
- ▶ Lighted Push-Button Pan/Tilt Controls
- ▶ Lighted Exterior Connector Panel
- ▶ Multiple Equipment Racks
- ▶ Pre-Wired Ceiling Antenna Access Plates
- ▶ Storage Drawers and Consoles
- ▶ Off-Air UHF/VHF Antenna
- ▶ Audio/Video Monitoring Equipment
- ▶ Edit Suite
- ▶ Eagle Eye Camera System
- ▶ TEC-IFB-19A
- ▶ Quick Removal Cable Reels
- ▶ Scanner, 2-Way Radio, Cellular Phones
- ▶ Multiple Layout Options
- ▶ Exterior AC Receptacles
- ▶ Multiple Scene Lighting Systems
- ▶ Exterior Logo Application
- ▶ Roof Deck Access Ladder
- ▶ Dual Interior or Exterior Compressor Systems

## DSNG Components

- ▶ Single or Dual Digital Path Uplink
- ▶ 1.2 or 1.5 Meter Antenna with AutoFind
- ▶ Uplink Control Panel with LED Status Indicators
- ▶ Digital Encoder
- ▶ Digital and Analog Receivers
- ▶ Spectrum Analyzer
- ▶ Satellite Phone Systems

## Safety Features

- ▶ Exterior Access Mast-Up Controls
- ▶ Solid State Mast-Ignition Interlock Logic
- ▶ Precision Weight Balance Distribution
- ▶ Power Isolation Transformer
- ▶ Mast-Up Lighting System
- ▶ Antenna Deployment Warning System
- ▶ Slip-Resistant Ladder and Stepwells



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