

14BX MICROSAT



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This expansive floorplan is ideal for newsgathering and production where a control room atmosphere is needed to accommodate a larger crew. Dual on-board generators provide additional power and redundancy. This modular body utilizes specially-designed extruded aluminum framework resulting in a seamless, aerodynamic structure that is safe and solid.

- **Control room atmosphere** provides space for production and editing.
- **Dual on-board generators** provide more power, redundancy.
- **Specially designed extrusion** results in a safe, seamless, durable body.
- **Highly customized layout** can accommodate multiple crews working simultaneously.
- **Multi-path technology** provides simultaneous microwave or satellite feed of multiple sources.
- **AutoFind satellite locator** 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 driver and operator.



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Maximum rear storage space is provided without compromising service access.

The Vehicle

- ▶ Ford E450 SuperDuty Cutaway
- ▶ 14,050 GVWR
- ▶ 158" Wheel Base
- ▶ 6.8 Liter EFI Triton V10 Engine
- ▶ 72" Interior Headroom
- ▶ Treadplate Roof Deck
- ▶ Exterior Lighting
- ▶ Captain's Seating
- ▶ Interior/Exterior Ziebart Rust Proofing
- ▶ Anti-Theft/Door Ajar System
- ▶ Dual Roof-Mounted Heating/Air Conditioning



Curbside Connector Panel design interfaces necessary connections between the interior truck operations and the outside news crew.

The Power Plan

- ▶ Power Distribution Panel
- ▶ Digital Metering
- ▶ Dual Generator System
- ▶ Independent Shore Power Connections
- ▶ Dual Battery System with Isolator
- ▶ 40 Amp Battery Charger
- ▶ Inverter Power with TEC Auto-Engage
- ▶ Interior DC Access Ports



The front console houses mountings for cell phones, 2-way radios and frequency scanners.



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

News Gathering Features

- ▶ 2 GHz and/or 7 GHz Microwave Systems
- ▶ 42, 48, 52, or 56 foot Pneumatic Mast
- ▶ Roof Deck Photography/Maintenance Platform
- ▶ Lighted Push-Button Pan/Tilt Controls
- ▶ Lighted Exterior Connector Panel
- ▶ 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
- ▶ Exterior AC Receptacles
- ▶ Multiple Scene Lighting Systems
- ▶ AC and/or DC Compressor Systems

DSNG Components

- ▶ Antenna Deployment Warning System
- ▶ 1.2, 1.5, or 1.8 Meter Uplink Antenna
- ▶ Multiple HPA/TWTA Options
- ▶ Upconversion System
- ▶ Digital Exciter, IRD, MPEG Encoder
- ▶ Digital and Analog Receivers
- ▶ Spectrum Analyzer
- ▶ Dehydrator
- ▶ Satellite Phones



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

Safety Features

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



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