

MICROSAT SPRINTER 144



The MicroSat Sprinter 144

is ideal for ENG/DSNG scenarios where more height and rack space are priorities. Utilizing a 1.2 meter satellite antenna and traditional microwave gear, the MicroSat 144 allows a crew to uplink breaking news stories to a given network and/or transmit a story back to a local studio.

- **Dodge Sprinter's extended service intervals** reduce the cost-to-own.
- **Extended roof** allows for more rack space and stand-up height.
- **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.
- **Additional payload** allows for more capability on a compact chassis.
- **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 16x zoom lens** captures close-ups of breaking news.



TELEVISION ENGINEERING CORPORATION
2647 Rock Hill Industrial Court
St. Louis, MO 63144
314.961.2800 Phone
314.961.2808 Fax
www.tvengineering.com
www.broadcastequipment.com



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



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



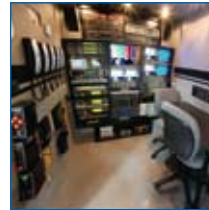
Under Hood Generator provides more storage space and less noise.

The Vehicle

- ▶ Sprinter 3500 SHC High Roof Cargo Van
- ▶ 11,030 lb. or 9,990 lb. GVWR
- ▶ 144" Wheel Base
- ▶ Parabolic Springs, Stabilizer Bar
- ▶ 3.5 Liter V6
- ▶ Front Axle Independent Suspension
- ▶ 5 speed Automatic Transmission
- ▶ New 16" Wheels
- ▶ Cruise Control
- ▶ Auto Locks/Windows
- ▶ Captain's Seating
- ▶ Sliding Cargo Door
- ▶ Maintenance Monitoring System
- ▶ 25 Gallon Fuel Tank
- ▶ Power Heated Mirrors
- ▶ Dual Ziebart Rust Prevention
- ▶ Step Rear Bumper
- ▶ Anti-Theft/Door Ajar System
- ▶ Roof-Mounted Heating/Air Conditioning

The Power Plan

- ▶ Power Distribution Panel with Digital Metering
- ▶ Under Hood Generator
- ▶ External Shore Power with 50' Cord
- ▶ 40 Amp Battery Charger
- ▶ Inverter Power with TEC Auto-Engage
- ▶ Interior DC Distribution Access



Interior view.



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
- ▶ Push-Button Pan/Tilt Controls
- ▶ Lighted Exterior Connector Panel
- ▶ 3 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

DSNG Components

- ▶ Single or Dual Digital Path Uplink
- ▶ 1.2 Meter Antenna w/AutoFind
- ▶ Uplink Control Panel with LED status indicators
- ▶ Digital Encoder
- ▶ Digital 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



TELEVISION ENGINEERING CORPORATION

2647 Rock Hill Industrial Court
St. Louis, MO 63144
314.961.2800 Phone
314.961.2808 Fax

www.tvengineering.com
www.broadcastequipment.com



M I C R O S A T S P R I N T E R 1 4 4